Personal Audio System
SRS-X7

The following explains how to use this speaker. Select a topic from the navigation pane on the left.

How to Use

Getting Started
SongPal
Listening to music via home network
Listening to music via BLUETOOTH connection
Listening to music by connecting with an audio cable
Listening to music on an Xperia
Listening to music on a smartphone
Listening to music on an iPhone/iPad/iPod
Listening to music on a Walkman
Listening to music on a PC (Windows 8)

Listening to music on a PC (Windows 7)

Listening to music on a PC (Windows Vista)

Listening to music on a Mac

Information

Troubleshooting

Troubleshooting

Speaker

Network

BLUETOOTH

Additional information

List of Topics

How to Use

Troubleshooting

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Table Of Contents

Help Guide SRS-X7.....i
Getting Started.....1
Overview.....32
What you can do with the speaker.....109
Parts and controls.....33
Parts and controls.....110
Included items.....34
Checking the included items.....113
Power source.....35
Connecting to an AC outlet.....114
Turning the power on.....116
Turning the power off.....117
Using the BLUETOOTH/Network standby function.....118
Charging USB devices, such as smartphones.....120
Auto standby function.....122
SongPal.....2
About "SongPal".....36
How to use the "SongPal" screen.....123
What you can do with "SongPal".....126
Wi-Fi network connection.....37
Connecting to a Wi-Fi network using "SongPal" (Smartphone).....127
Connecting to a Wi-Fi network using "SongPal" (iPhone).....130
Device control.....38
Listening to music on a PC via a Wi-Fi network.....134
Listening to various Internet music streaming (music service).....136
Speaker settings.....39
Setting the sound quality.....137
Setting the auto standby function.....138
Checking the battery level.....140
Setting the BLUETOOTH audio streaming playback quality.....141
Listening to music via home network.....3
Selecting the method of network connection.....40
Selecting the method of network connection.....143
DLNA (Digital Living Network Alliance).....41
DLNA (Digital Living Network Alliance).....145
Listening to music on a PC via network connection (Windows 8 UI).....42
Connection method 1: Connecting to a Wi-Fi network using the WPS button of a wireless router.....146

Connection method 2: Connecting to a Wi-Fi network using a computer connected with a LAN cable....148
Connection method 3: Connecting to a Wi-Fi network using a PC connected wirelessly (Windows 8 UI)....151
Connection method 4: Connecting to a wired network....154
Setting your PC as a DLNA server and controller (Windows 8)....156
Setting your PC for operating from the DLNA controller (Windows 8)....158
Listening with the AirPlay function (iTunes)....161
Listening to music on a PC via network connection (Windows 8) (Windows Media Player)....163
Listening to music on a PC via network connection (Media Go)....166
Listening to music on a PC via network connection (Windows 8)....43
Connection method 1: Connecting to a Wi-Fi network using the WPS button of a wireless router....146
Connection method 2: Connecting to a Wi-Fi network using a computer connected with a LAN cable....148
Connection method 3: Connecting to a Wi-Fi network using a PC connected wirelessly (Windows 7/Windows 8)....169
Connection method 4: Connecting to a wired network....154
Setting your PC as a DLNA server and controller (Windows 8)....156
Setting your PC for operating from the DLNA controller (Windows 8)....158
Listening with the AirPlay function (iTunes)....161
Listening to music on a PC via network connection (Windows 8) (Windows Media Player)....163
Listening to music on a PC via network connection (Media Go)....166
Listening to music on a PC via network connection (Windows 7)....44
Connection method 1: Connecting to a Wi-Fi network using the WPS button of a wireless router....146
Connection method 2: Connecting to a Wi-Fi network using a computer connected with a LAN cable....148
Connection method 3: Connecting to a Wi-Fi network using a PC connected wirelessly (Windows 7/Windows 8)....169
Connection method 4: Connecting to a wired network....154
Setting your PC as a DLNA server and controller (Windows 7)....172
Listening with the AirPlay function (iTunes)....161
Listening to music on a PC via network connection (Windows 7)....175
Listening to music on a PC via network connection (Media Go)....166
Listening to music on a PC via network connection (Windows Vista)....45
Connection method 1: Connecting to a Wi-Fi network using the WPS button of a wireless router....146

Connection method 2: Connecting to a Wi-Fi network using a computer connected with a LAN cable....148
Connection method 3: Connecting to a Wi-Fi network using a PC connected wirelessly (Windows Vista)....177
Connection method 4: Connecting to a wired network....154
Setting your PC as a DLNA server (Windows Vista)....180
Listening with the AirPlay function (iTunes)....161
Listening to music on a PC via network connection (Media Go)....166
Listening to music on a computer via network connection (Mac)....46
Connection method 1: Connecting to a Wi-Fi network using the WPS button of a wireless router....146
Connection method 2: Connecting to a Wi-Fi network using a computer connected with a LAN cable....148
Connection method 3: Connecting to a Wi-Fi network using a Mac connected wirelessly....183
Connection method 4: Connecting to a wired network....154
Listening with the AirPlay function (iTunes)....161
Listening to music on an iPhone/iPad/iPod via network connection....47
Connection method 1: Connecting to a Wi-Fi network using the WPS button of a wireless router....146
Connection method 2: Connecting to a Wi-Fi network using a computer connected with a LAN cable....148
Connection method 3: Connecting to a wired network....186
Listening with the AirPlay function (iPhone/iPad/iPod touch)....188
Listening to music on an Xperia via network connection....48
Connection method 1: Connecting to a Wi-Fi network using the WPS button of a wireless router....146
Connection method 2: Connecting to a Wi-Fi network using a computer connected with a LAN cable....148
Connection method 3: Connecting to a wired network....186
Listening to music with the WALKMAN application (Xperia)....190
Listening to music via BLUETOOTH connection....4
How to make wireless connection with BLUETOOTH devices....49
How to make wireless connection with BLUETOOTH devices....192
Listening to music on a device via BLUETOOTH connection....50
Connection method 1: Pairing and connecting with a BLUETOOTH device....194
Connection method 2: Connecting with a paired BLUETOOTH device....197
Connection method 3: Connecting with a smartphone by one touch (NFC)....199
Listening to music on a device via BLUETOOTH connection....201
Selecting the BLUETOOTH audio streaming playback quality....203

Terminating the BLUETOOTH connection (After use).....205
Disconnecting the smartphone by one touch (NFC).....206
Switching devices by one touch (NFC).....207
Listening to music by connecting with an audio cable.....5
Listening to music on a portable audio device, etc., by connecting with an audio cable (AUDIO IN).....51
Connecting to a portable audio device, etc.....208
Listening to music on a portable audio device, etc.....209
Listening to music on an Xperia.....6
Selecting the method of network connection.....52
Selecting the method of network connection.....143
How to make wireless connection with BLUETOOTH devices.....53
How to make wireless connection with BLUETOOTH devices.....192
Listening to music on an Xperia via network connection.....54
Connection method 1: Connecting to a Wi-Fi network using the WPS button of a wireless router.....146
Connection method 2: Connecting to a Wi-Fi network using a computer connected with a LAN cable.....148
Connection method 3: Connecting to a wired network.....186
Listening to music with the WALKMAN application (Xperia).....190
Listening to music on a device via BLUETOOTH connection.....55
Connection method 1: Pairing and connecting with a BLUETOOTH device.....194
Connection method 2: Connecting with a paired BLUETOOTH device.....197
Connection method 3: Connecting with a smartphone by one touch (NFC).....199
Listening to music on a device via BLUETOOTH connection.....201
Selecting the BLUETOOTH audio streaming playback quality.....203
Terminating the BLUETOOTH connection (After use).....205
Disconnecting the smartphone by one touch (NFC).....206
Switching devices by one touch (NFC).....207
Listening to music on a portable audio device, etc., by connecting with an audio cable (AUDIO IN).....56
Connecting to a portable audio device, etc.....208
Listening to music on a portable audio device, etc.....209
Listening to music on a smartphone.....7
How to make wireless connection with BLUETOOTH devices.....57
How to make wireless connection with BLUETOOTH devices.....192
Listening to music on a device via BLUETOOTH connection.....58
Connection method 1: Pairing and connecting with a BLUETOOTH device.....194
Connection method 2: Connecting with a paired BLUETOOTH device.....197
Connection method 3: Connecting with a smartphone by one touch (NFC).....199

Listening to music on a device via BLUETOOTH connection....201
Selecting the BLUETOOTH audio streaming playback quality....203
Terminating the BLUETOOTH connection (After use)....205
Disconnecting the smartphone by one touch (NFC)....206
Switching devices by one touch (NFC)....207
Listening to music on a portable audio device, etc., by connecting with an audio cable (AUDIO IN)....59
Connecting to a portable audio device, etc....208
Listening to music on a portable audio device, etc....209
Listening to music on an iPhone/iPad/iPod....8
Selecting the method of network connection....60
Selecting the method of network connection....143
How to make wireless connection with BLUETOOTH devices....61
How to make wireless connection with BLUETOOTH devices....192
Listening to music on an iPhone/iPad/iPod via network connection....62
Connection method 1: Connecting to a Wi-Fi network using the WPS button of a wireless router....146
Connection method 2: Connecting to a Wi-Fi network using a computer connected with a LAN cable....148
Connection method 3: Connecting to a wired network....186
Listening with the AirPlay function (iPhone/iPad/iPod touch)....188
Listening to music on an iPhone/iPad/iPod via BLUETOOTH connection....63
Connection method 1: Pairing and connecting with a BLUETOOTH device....194
Connection method 2: Connecting with a paired BLUETOOTH device....197
Listening to music on a device via BLUETOOTH connection....201
Selecting the BLUETOOTH audio streaming playback quality....203
Terminating the BLUETOOTH connection (After use)....205
Listening to music on a portable audio device, etc., by connecting with an audio cable (AUDIO IN)....64
Connecting to a portable audio device, etc....208
Listening to music on a portable audio device, etc....209
Listening to music on a Walkman....9
How to make wireless connection with BLUETOOTH devices....65
How to make wireless connection with BLUETOOTH devices....192
Listening to music on a Walkman via BLUETOOTH connection....66
Connection method 1: Pairing and connecting with a BLUETOOTH device....194
Connection method 2: Connecting with a paired BLUETOOTH device....197
Listening to music on a device via BLUETOOTH connection....201
Selecting the BLUETOOTH audio streaming playback quality....203
Terminating the BLUETOOTH connection (After use)....205

Listening to music on a portable audio device, etc., by connecting with an audio cable (AUDIO IN)....67
Connecting to a portable audio device, etc....208
Listening to music on a portable audio device, etc....209
Listening to music on a PC (Windows 8)....10
Selecting the method of network connection....68
Selecting the method of network connection....143
DLNA (Digital Living Network Alliance)....69
DLNA (Digital Living Network Alliance)....145
How to make wireless connection with BLUETOOTH devices....70
How to make wireless connection with BLUETOOTH devices....192
Listening to music on a PC via network connection (Windows 8 UI)....71
Connection method 1: Connecting to a Wi-Fi network using the WPS button of a wireless router....146
Connection method 2: Connecting to a Wi-Fi network using a computer connected with a LAN cable....148
Connection method 3: Connecting to a Wi-Fi network using a PC connected wirelessly (Windows 8 UI)....151
Connection method 4: Connecting to a wired network....154
Setting your PC as a DLNA server and controller (Windows 8)....156
Setting your PC for operating from the DLNA controller (Windows 8)....158
Listening with the AirPlay function (iTunes)....161
Listening to music on a PC via network connection (Windows 8) (Windows Media Player)....163
Listening to music on a PC via network connection (Media Go)....166
Listening to music on a PC via network connection (Windows 8)....72
Connection method 1: Connecting to a Wi-Fi network using the WPS button of a wireless router....146
Connection method 2: Connecting to a Wi-Fi network using a computer connected with a LAN cable....148
Connection method 3: Connecting to a Wi-Fi network using a PC connected wirelessly (Windows 7/Windows 8)....169
Connection method 4: Connecting to a wired network....154
Setting your PC as a DLNA server and controller (Windows 8)....156
Setting your PC for operating from the DLNA controller (Windows 8)....158
Listening with the AirPlay function (iTunes)....161
Listening to music on a PC via network connection (Windows 8) (Windows Media Player)....163
Listening to music on a PC via network connection (Media Go)....166
Listening to music on a PC via BLUETOOTH connection....73

Connection method 1: Pairing and connecting with a BLUETOOTH device....194
Connection method 2: Connecting with a paired BLUETOOTH device....197
Listening to music on a device via BLUETOOTH connection....201
Selecting the BLUETOOTH audio streaming playback quality....203
Terminating the BLUETOOTH connection (After use)....205
Listening to music on a PC (Windows 7)....11
Selecting the method of network connection....74
Selecting the method of network connection....143
DLNA (Digital Living Network Alliance)....75
DLNA (Digital Living Network Alliance)....145
How to make wireless connection with BLUETOOTH devices....76
How to make wireless connection with BLUETOOTH devices....192
Listening to music on a PC via network connection (Windows 7)....77
Connection method 1: Connecting to a Wi-Fi network using the WPS button of a wireless router....146
Connection method 2: Connecting to a Wi-Fi network using a computer connected with a LAN cable....148
Connection method 3: Connecting to a Wi-Fi network using a PC connected wirelessly (Windows 7/Windows 8)....169
Connection method 4: Connecting to a wired network....154
Setting your PC as a DLNA server and controller (Windows 7)....172
Listening with the AirPlay function (iTunes)....161
Listening to music on a PC via network connection (Windows 7)....175
Listening to music on a PC via network connection (Media Go)....166
Listening to music on a PC via BLUETOOTH connection....78
Connection method 1: Pairing and connecting with a BLUETOOTH device....194
Connection method 2: Connecting with a paired BLUETOOTH device....197
Listening to music on a device via BLUETOOTH connection....201
Selecting the BLUETOOTH audio streaming playback quality....203
Terminating the BLUETOOTH connection (After use)....205
Listening to music on a PC (Windows Vista)....12
Selecting the method of network connection....79
Selecting the method of network connection....143
DLNA (Digital Living Network Alliance)....80
DLNA (Digital Living Network Alliance)....145
How to make wireless connection with BLUETOOTH devices....81
How to make wireless connection with BLUETOOTH devices....192
Listening to music on a PC via network connection (Windows Vista)....82
Connection method 1: Connecting to a Wi-Fi network using the WPS button of a wireless router....146

Connection method 2: Connecting to a Wi-Fi network using a computer connected with a LAN cable....148
Connection method 3: Connecting to a Wi-Fi network using a PC connected wirelessly (Windows Vista)....177
Connection method 4: Connecting to a wired network....154
Setting your PC as a DLNA server (Windows Vista)....180
Listening with the AirPlay function (iTunes)....161
Listening to music on a PC via network connection (Media Go)....166
Listening to music on a PC via BLUETOOTH connection....83
Connection method 1: Pairing and connecting with a BLUETOOTH device....194
Connection method 2: Connecting with a paired BLUETOOTH device....197
Listening to music on a device via BLUETOOTH connection....201
Selecting the BLUETOOTH audio streaming playback quality....203
Terminating the BLUETOOTH connection (After use)....205
Listening to music on a Mac....13
Selecting the method of network connection....84
Selecting the method of network connection....143
DLNA (Digital Living Network Alliance)....85
DLNA (Digital Living Network Alliance)....145
How to make wireless connection with BLUETOOTH devices....86
How to make wireless connection with BLUETOOTH devices....192
Listening to music on a computer via network connection (Mac)....87
Connection method 1:....146
Connection method 2:....148
Connection method 3:....183
Connection method 4:....154
Listening with the AirPlay function (iTunes)....161
Listening to music on a PC via BLUETOOTH connection....88
Connection method 1:....194
Connection method 2:....197
Listening to music on a device via BLUETOOTH connection....201
Selecting the BLUETOOTH audio streaming playback quality....203
Terminating the BLUETOOTH connection (After use)....205
Information....14
About the indicators....89
About the indicators....211
Compatible device....90
Compatible iPhone/iPad/iPod models....214
Compatible operating system (Windows)....216
Compatible operating systems (Mac)....217

Compatible DLNA devices....218
Compatible BLUETOOTH devices....219
Software update....91
Updating the software....220
Wi-Fi signal strength....92
Checking the Wi-Fi signal strength (reception sensitivity)....221
About standby functions....93
Differences of standby modes....223
Notes on use....94
Precautions....225
Notes on charging....227
Disposing of the speaker....228
What is BLUETOOTH wireless technology?....230
Trademarks....95
Trademarks....232
Important information on software....234
Support website....96
Customer support websites....247
Troubleshooting....15
Troubleshooting....97
What can I do to solve a problem?....248
Speaker....16
Power supply....98
Unable to turn on the speaker or charge the built-in battery....249
None of the speaker buttons can be operated....250
The speaker has entered standby mode or BLUETOOTH/Network standby mode unexpectedly....251
Sound....99
No sound/Sound from only one speaker/Low sound level....252
Distorted sound/Humming or noise in the speaker output....253
Network....17
Network connection....100
The speaker cannot connect to the network....254
The speaker cannot connect to the network via a Wi-Fi network connection....255
The speaker cannot connect to a network using the WPS button....256
The speaker does not appear in the device list on the computer's music playback application....257
The speaker does not appear in the device select screen on "SongPal."....258
Music Services....101

The speaker cannot connect to music services....260
Home network (DLNA)....102
The controller cannot find the speaker....261
Music started automatically....262
The sound is interrupted....263
Playback does not start....264
AirPlay....103
BLUETOOTH....18
Pairing....104
Unable to pair the speaker with a BLUETOOTH device....269
One-touch connection (NFC)....105
Unable to connect the speaker to a BLUETOOTH device with One-touch connection (NFC)....270
Sound....106
There is no sound....271
Distorted sound/Humming or noise in the speaker output....272
Additional information....19
Reset....107
Using the RESET button....273
Initializing the speaker....274
Disposal and transfer....108
Disposing of or giving away this speaker....275
How to Use....20
Troubleshooting....28

Personal Audio System
SRS-X7

Getting Started

Overview
Parts and controls
Included items
Power source

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

SongPal

About "SongPal"
Wi-Fi network connection
Device control
Speaker settings

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Listening to music via home network

Selecting the method of network connection
DLNA (Digital Living Network Alliance)
Listening to music on a PC via network connection (Windows 8 UI)
Listening to music on a PC via network connection (Windows 8)
Listening to music on a PC via network connection (Windows 7)
Listening to music on a PC via network connection (Windows Vista)
Listening to music on a computer via network connection (Mac)
Listening to music on an iPhone/iPad/iPod via network connection
Listening to music on an Xperia via network connection

Notes on use

4-537-384-11(2)
Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Listening to music via BLUETOOTH connection

- How to make wireless connection with BLUETOOTH devices
- Listening to music on a device via BLUETOOTH connection

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Listening to music by connecting with an audio cable

Listening to music on a portable audio device, etc., by connecting with an audio cable (AUDIO IN)

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Listening to music on an Xperia

Selecting the method of network connection

How to make wireless connection with BLUETOOTH devices

Listening to music on an Xperia via network connection

Listening to music on a device via BLUETOOTH connection

Listening to music on a portable audio device, etc., by connecting with an audio cable (AUDIO IN)

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Listening to music on a smartphone

How to make wireless connection with BLUETOOTH devices

Listening to music on a device via BLUETOOTH connection

Listening to music on a portable audio device, etc., by connecting with an audio cable (AUDIO IN)

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Listening to music on an iPhone/iPad/iPod

Selecting the method of network connection

How to make wireless connection with BLUETOOTH devices

Listening to music on an iPhone/iPad/iPod via network connection

Listening to music on an iPhone/iPad/iPod via BLUETOOTH connection

Listening to music on a portable audio device, etc., by connecting with an audio cable (AUDIO IN)

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Listening to music on a Walkman

- How to make wireless connection with BLUETOOTH devices
- Listening to music on a Walkman via BLUETOOTH connection
- Listening to music on a portable audio device, etc., by connecting with an audio cable (AUDIO IN)

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Listening to music on a PC (Windows 8)

Selecting the method of network connection

DLNA (Digital Living Network Alliance)

How to make wireless connection with BLUETOOTH devices

Listening to music on a PC via network connection (Windows 8 UI)

Listening to music on a PC via network connection (Windows 8)

Listening to music on a PC via BLUETOOTH connection

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Listening to music on a PC (Windows 7)

Selecting the method of network connection

DLNA (Digital Living Network Alliance)

How to make wireless connection with BLUETOOTH devices

Listening to music on a PC via network connection (Windows 7)

Listening to music on a PC via BLUETOOTH connection

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Listening to music on a PC (Windows Vista)

Selecting the method of network connection

DLNA (Digital Living Network Alliance)

How to make wireless connection with BLUETOOTH devices

Listening to music on a PC via network connection (Windows Vista)

Listening to music on a PC via BLUETOOTH connection

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Listening to music on a Mac

Selecting the method of network connection
DLNA (Digital Living Network Alliance)
How to make wireless connection with BLUETOOTH devices
Listening to music on a computer via network connection (Mac)
Listening to music on a PC via BLUETOOTH connection

Notes on use

4-537-384-11(2)
Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Information

About the indicators
Compatible device
Software update
Wi-Fi signal strength
About standby functions
Notes on use
Trademarks
Support website

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Troubleshooting

Troubleshooting

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Speaker

Power supply

Sound

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Network

Network connection

Music Services

Home network (DLNA)

AirPlay

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

BLUETOOTH

Pairing

One-touch connection (NFC)

Sound

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Additional information

Reset

Disposal and transfer

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

How to Use

Getting Started

Overview

- What you can do with the speaker

Parts and controls

- Parts and controls

Included items

- Checking the included items

Power source

- Connecting to an AC outlet
- Turning the power on
- Turning the power off
- Using the BLUETOOTH/Network standby function
- Charging USB devices, such as smartphones
- Auto standby function

SongPal

About "SongPal"

- How to use the "SongPal" screen
- What you can do with "SongPal"

Wi-Fi network connection

- Connecting to a Wi-Fi network using "SongPal" (Smartphone)
- Connecting to a Wi-Fi network using "SongPal" (iPhone)

Device control

- Listening to music on a PC via a Wi-Fi network
- Listening to various Internet music streaming (music service)

Speaker settings

- Setting the sound quality
- Setting the auto standby function
- Checking the battery level
- Setting the BLUETOOTH audio streaming playback quality

Listening to music via home network

Selecting the method of network connection

- Selecting the method of network connection

DLNA (Digital Living Network Alliance)

- DLNA (Digital Living Network Alliance)

Listening to music on a PC via network connection (Windows 8 UI)

- Connection method 1: Connecting to a Wi-Fi network using the WPS button of a wireless router
- Connection method 2: Connecting to a Wi-Fi network using a computer connected with a LAN cable
- Connection method 3: Connecting to a Wi-Fi network using a PC connected wirelessly (Windows 8 UI)
- Connection method 4: Connecting to a wired network
- Setting your PC as a DLNA server and controller (Windows 8)
- Setting your PC for operating from the DLNA controller (Windows 8)
- Listening with the AirPlay function (iTunes)
- Listening to music on a PC via network connection (Windows 8) (Windows Media Player)
- Listening to music on a PC via network connection (Media Go)

Listening to music on a PC via network connection (Windows 8)

- Connection method 1: Connecting to a Wi-Fi network using the WPS button of a wireless router
- Connection method 2: Connecting to a Wi-Fi network using a computer connected with a LAN cable
- Connection method 3: Connecting to a Wi-Fi network using a PC connected wirelessly (Windows 7/Windows 8)
- Connection method 4: Connecting to a wired network
- Setting your PC as a DLNA server and controller (Windows 8)
- Setting your PC for operating from the DLNA controller (Windows 8)
- Listening with the AirPlay function (iTunes)
- Listening to music on a PC via network connection (Windows 8) (Windows Media Player)
- Listening to music on a PC via network connection (Media Go)

Listening to music on a PC via network connection (Windows 7)

- Connection method 1: Connecting to a Wi-Fi network using the WPS button of a wireless router
- Connection method 2: Connecting to a Wi-Fi network using a computer connected with a LAN cable
- Connection method 3: Connecting to a Wi-Fi network using a PC connected wirelessly (Windows 7/Windows 8)
- Connection method 4: Connecting to a wired network
- Setting your PC as a DLNA server and controller (Windows 7)
- Listening with the AirPlay function (iTunes)
- Listening to music on a PC via network connection (Windows 7)
- Listening to music on a PC via network connection (Media Go)

Listening to music on a PC via network connection (Windows Vista)

- Connection method 1: Connecting to a Wi-Fi network using the WPS button of a wireless router
- Connection method 2: Connecting to a Wi-Fi network using a computer connected with a LAN cable
- Connection method 3: Connecting to a Wi-Fi network using a PC connected wirelessly (Windows Vista)
- Connection method 4: Connecting to a wired network
- Setting your PC as a DLNA server (Windows Vista)
- Listening with the AirPlay function (iTunes)

- Listening to music on a PC via network connection (Media Go)

Listening to music on a computer via network connection (Mac)

- Connection method 1: Connecting to a Wi-Fi network using the WPS button of a wireless router
- Connection method 2: Connecting to a Wi-Fi network using a computer connected with a LAN cable
- Connection method 3: Connecting to a Wi-Fi network using a Mac connected wirelessly
- Connection method 4: Connecting to a wired network
- Listening with the AirPlay function (iTunes)

Listening to music on an iPhone/iPad/iPod via network connection

- Connection method 1: Connecting to a Wi-Fi network using the WPS button of a wireless router
- Connection method 2: Connecting to a Wi-Fi network using a computer connected with a LAN cable
- Connection method 3: Connecting to a wired network
- Listening with the AirPlay function (iPhone/iPad/iPod touch)

Listening to music on an Xperia via network connection

- Connection method 1: Connecting to a Wi-Fi network using the WPS button of a wireless router
- Connection method 2: Connecting to a Wi-Fi network using a computer connected with a LAN cable
- Connection method 3: Connecting to a wired network
- Listening to music with the WALKMAN application (Xperia)

Listening to music via BLUETOOTH connection

How to make wireless connection with BLUETOOTH devices

- How to make wireless connection with BLUETOOTH devices

Listening to music on a device via BLUETOOTH connection

- Connection method 1: Pairing and connecting with a BLUETOOTH device
- Connection method 2: Connecting with a paired BLUETOOTH device
- Connection method 3: Connecting with a smartphone by one touch (NFC)
- Listening to music on a device via BLUETOOTH connection
- Selecting the BLUETOOTH audio streaming playback quality
- Terminating the BLUETOOTH connection (After use)
- Disconnecting the smartphone by one touch (NFC)
- Switching devices by one touch (NFC)

Listening to music by connecting with an audio cable

Listening to music on a portable audio device, etc., by connecting with an audio cable (AUDIO IN)

- Connecting to a portable audio device, etc.
- Listening to music on a portable audio device, etc.

Listening to music on an Xperia

Selecting the method of network connection

- Selecting the method of network connection

How to make wireless connection with BLUETOOTH devices

- How to make wireless connection with BLUETOOTH devices

Listening to music on an Xperia via network connection

- Connection method 1: Connecting to a Wi-Fi network using the WPS button of a wireless router
- Connection method 2: Connecting to a Wi-Fi network using a computer connected with a LAN cable
- Connection method 3: Connecting to a wired network
- Listening to music with the WALKMAN application (Xperia)

Listening to music on a device via BLUETOOTH connection

- Connection method 1: Pairing and connecting with a BLUETOOTH device
- Connection method 2: Connecting with a paired BLUETOOTH device
- Connection method 3: Connecting with a smartphone by one touch (NFC)
- Listening to music on a device via BLUETOOTH connection
- Selecting the BLUETOOTH audio streaming playback quality
- Terminating the BLUETOOTH connection (After use)
- Disconnecting the smartphone by one touch (NFC)
- Switching devices by one touch (NFC)

Listening to music on a portable audio device, etc., by connecting with an audio cable (AUDIO IN)

- Connecting to a portable audio device, etc.
- Listening to music on a portable audio device, etc.

Listening to music on a smartphone

How to make wireless connection with BLUETOOTH devices

- How to make wireless connection with BLUETOOTH devices

Listening to music on a device via BLUETOOTH connection

- Connection method 1: Pairing and connecting with a BLUETOOTH device
- Connection method 2: Connecting with a paired BLUETOOTH device
- Connection method 3: Connecting with a smartphone by one touch (NFC)
- Listening to music on a device via BLUETOOTH connection
- Selecting the BLUETOOTH audio streaming playback quality
- Terminating the BLUETOOTH connection (After use)
- Disconnecting the smartphone by one touch (NFC)
- Switching devices by one touch (NFC)

Listening to music on a portable audio device, etc., by connecting with an audio cable (AUDIO IN)

- Connecting to a portable audio device, etc.
- Listening to music on a portable audio device, etc.

Listening to music on an iPhone/iPad/iPod

Selecting the method of network connection

- Selecting the method of network connection

How to make wireless connection with BLUETOOTH devices

- How to make wireless connection with BLUETOOTH devices

Listening to music on an iPhone/iPad/iPod via network connection

- Connection method 1: Connecting to a Wi-Fi network using the WPS button of a wireless router

- Connection method 2: Connecting to a Wi-Fi network using a computer connected with a LAN cable
- Connection method 3: Connecting to a wired network
- Listening with the AirPlay function (iPhone/iPad/iPod touch)

Listening to music on an iPhone/iPad/iPod via BLUETOOTH connection

- Connection method 1: Pairing and connecting with a BLUETOOTH device
- Connection method 2: Connecting with a paired BLUETOOTH device
- Listening to music on a device via BLUETOOTH connection
- Selecting the BLUETOOTH audio streaming playback quality
- Terminating the BLUETOOTH connection (After use)

Listening to music on a portable audio device, etc., by connecting with an audio cable (AUDIO IN)

- Connecting to a portable audio device, etc.
- Listening to music on a portable audio device, etc.

Listening to music on a Walkman

How to make wireless connection with BLUETOOTH devices

- How to make wireless connection with BLUETOOTH devices

Listening to music on a Walkman via BLUETOOTH connection

- Connection method 1: Pairing and connecting with a BLUETOOTH device
- Connection method 2: Connecting with a paired BLUETOOTH device
- Listening to music on a device via BLUETOOTH connection
- Selecting the BLUETOOTH audio streaming playback quality
- Terminating the BLUETOOTH connection (After use)

Listening to music on a portable audio device, etc., by connecting with an audio cable (AUDIO IN)

- Connecting to a portable audio device, etc.
- Listening to music on a portable audio device, etc.

Listening to music on a PC (Windows 8)

Selecting the method of network connection

- Selecting the method of network connection

DLNA (Digital Living Network Alliance)

- DLNA (Digital Living Network Alliance)

How to make wireless connection with BLUETOOTH devices

- How to make wireless connection with BLUETOOTH devices

Listening to music on a PC via network connection (Windows 8 UI)

- Connection method 1: Connecting to a Wi-Fi network using the WPS button of a wireless router
- Connection method 2: Connecting to a Wi-Fi network using a computer connected with a LAN cable
- Connection method 3: Connecting to a Wi-Fi network using a PC connected wirelessly (Windows 8 UI)
- Connection method 4: Connecting to a wired network
- Setting your PC as a DLNA server and controller (Windows 8)
- Setting your PC for operating from the DLNA controller (Windows 8)
- Listening with the AirPlay function (iTunes)

- Listening to music on a PC via network connection (Windows 8) (Windows Media Player)
- Listening to music on a PC via network connection (Media Go)

Listening to music on a PC via network connection (Windows 8)

- Connection method 1: Connecting to a Wi-Fi network using the WPS button of a wireless router
- Connection method 2: Connecting to a Wi-Fi network using a computer connected with a LAN cable
- Connection method 3: Connecting to a Wi-Fi network using a PC connected wirelessly (Windows 7/Windows 8)
- Connection method 4: Connecting to a wired network
- Setting your PC as a DLNA server and controller (Windows 8)
- Setting your PC for operating from the DLNA controller (Windows 8)
- Listening with the AirPlay function (iTunes)
- Listening to music on a PC via network connection (Windows 8) (Windows Media Player)
- Listening to music on a PC via network connection (Media Go)

Listening to music on a PC via BLUETOOTH connection

- Connection method 1: Pairing and connecting with a BLUETOOTH device
- Connection method 2: Connecting with a paired BLUETOOTH device
- Listening to music on a device via BLUETOOTH connection
- Selecting the BLUETOOTH audio streaming playback quality
- Terminating the BLUETOOTH connection (After use)

Listening to music on a PC (Windows 7)

Selecting the method of network connection

- Selecting the method of network connection

DLNA (Digital Living Network Alliance)

- DLNA (Digital Living Network Alliance)

How to make wireless connection with BLUETOOTH devices

- How to make wireless connection with BLUETOOTH devices

Listening to music on a PC via network connection (Windows 7)

- Connection method 1: Connecting to a Wi-Fi network using the WPS button of a wireless router
- Connection method 2: Connecting to a Wi-Fi network using a computer connected with a LAN cable
- Connection method 3: Connecting to a Wi-Fi network using a PC connected wirelessly (Windows 7/Windows 8)
- Connection method 4: Connecting to a wired network
- Setting your PC as a DLNA server and controller (Windows 7)
- Listening with the AirPlay function (iTunes)
- Listening to music on a PC via network connection (Windows 7)
- Listening to music on a PC via network connection (Media Go)

Listening to music on a PC via BLUETOOTH connection

- Connection method 1: Pairing and connecting with a BLUETOOTH device
- Connection method 2: Connecting with a paired BLUETOOTH device
- Listening to music on a device via BLUETOOTH connection
- Selecting the BLUETOOTH audio streaming playback quality
- Terminating the BLUETOOTH connection (After use)

Listening to music on a PC (Windows Vista)

Selecting the method of network connection

- Selecting the method of network connection

DLNA (Digital Living Network Alliance)

- DLNA (Digital Living Network Alliance)

How to make wireless connection with BLUETOOTH devices

- How to make wireless connection with BLUETOOTH devices

Listening to music on a PC via network connection (Windows Vista)

- Connection method 1: Connecting to a Wi-Fi network using the WPS button of a wireless router
- Connection method 2: Connecting to a Wi-Fi network using a computer connected with a LAN cable
- Connection method 3: Connecting to a Wi-Fi network using a PC connected wirelessly (Windows Vista)
- Connection method 4: Connecting to a wired network
- Setting your PC as a DLNA server (Windows Vista)
- Listening with the AirPlay function (iTunes)
- Listening to music on a PC via network connection (Media Go)

Listening to music on a PC via BLUETOOTH connection

- Connection method 1: Pairing and connecting with a BLUETOOTH device
- Connection method 2: Connecting with a paired BLUETOOTH device
- Listening to music on a device via BLUETOOTH connection
- Selecting the BLUETOOTH audio streaming playback quality
- Terminating the BLUETOOTH connection (After use)

Listening to music on a Mac

Selecting the method of network connection

- Selecting the method of network connection

DLNA (Digital Living Network Alliance)

- DLNA (Digital Living Network Alliance)

How to make wireless connection with BLUETOOTH devices

- How to make wireless connection with BLUETOOTH devices

Listening to music on a computer via network connection (Mac)

- Connection method 1: Connecting to a Wi-Fi network using the WPS button of a wireless router
- Connection method 2: Connecting to a Wi-Fi network using a computer connected with a LAN cable
- Connection method 3: Connecting to a Wi-Fi network using a Mac connected wirelessly
- Connection method 4: Connecting to a wired network
- Listening with the AirPlay function (iTunes)

Listening to music on a PC via BLUETOOTH connection

- Connection method 1: Pairing and connecting with a BLUETOOTH device
- Connection method 2: Connecting with a paired BLUETOOTH device
- Listening to music on a device via BLUETOOTH connection
- Selecting the BLUETOOTH audio streaming playback quality

Terminating the BLUETOOTH connection (After use)

Information

About the indicators

- About the indicators

Compatible device

- Compatible iPhone/iPad/iPod models
- Compatible operating system (Windows)
- Compatible operating systems (Mac)
- Compatible DLNA devices
- Compatible BLUETOOTH devices

Software update

- Updating the software

Wi-Fi signal strength

- Checking the Wi-Fi signal strength (reception sensitivity)

About standby functions

- Differences of standby modes

Notes on use

- Precautions
- Notes on charging
- Disposing of the speaker
- What is BLUETOOTH wireless technology?

Trademarks

- Trademarks
- Important information on software

Support website

- Customer support websites

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Troubleshooting

Troubleshooting

Troubleshooting

- What can I do to solve a problem?

Speaker

Power supply

- Unable to turn on the speaker or charge the built-in battery
- None of the speaker buttons can be operated.
- The speaker has entered standby mode or BLUETOOTH/Network standby mode unexpectedly.

Sound

- No sound/Sound from only one speaker/Low sound level
- Distorted sound/Humming or noise in the speaker output

Network

Network connection

- The speaker cannot connect to the network. (Other equipment on the network cannot find or recognize the speaker.)
- The speaker cannot connect to the network via a Wi-Fi network connection.
- The speaker cannot connect to a network using the WPS button.
- The speaker does not appear in the device list on the computer's music playback application.
- The speaker does not appear in the device select screen on "SongPal."

Music Services

- The speaker cannot connect to music services.

Home network (DLNA)

- The controller cannot find the speaker. (The controller cannot browse the contents of the speaker.)
- Music started automatically.
- The sound is interrupted.
- Playback does not start.

AirPlay

- The speaker cannot be found from an iPhone/iPod touch/iPad or computer with iTunes.
- Music started automatically.
- There is no sound, or the sound skips during playback.

- The speaker cannot be operated.

BLUETOOTH

Pairing

- Unable to pair the speaker with a BLUETOOTH device

One-touch connection (NFC)

- Unable to connect the speaker to a BLUETOOTH device with One-touch connection (NFC)

Sound

- There is no sound
- Distorted sound/Humming or noise in the speaker output

Additional information

Reset

- Using the RESET button
- Initializing the speaker

Disposal and transfer

- Disposing of or giving away this speaker

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Notes on use

June 2013

Before use

To make full use of this content, please read the following notes thoroughly. Please note that they are subject to change without prior notice.

Recommended system environment

The following system environments are recommended for displaying this content. You may not be able to view the content on other system environments.

For viewing on a computer

Recommended browser

- With Microsoft Windows
  - Microsoft Internet Explorer 8 or later
  - Mozilla Firefox: latest version
  - Google Chrome™ : latest version
- With Apple Mac OS
  - Apple Safari Ver. 5 or later
  - Mozilla Firefox: latest version
  - Google Chrome : latest version

For viewing on a smartphone or tablet

Basic operation has been confirmed on the standard browser for the noted devices running the following operating systems.

- Android™ 2.3 or later: Xperia series, Walkman running Android
- iOS 4 or later: iPhone, iPod touch, iPad

JavaScript

JavaScript is used with this content for viewing convenience. If JavaScript is disabled in your web browser settings, the content may not operate properly or it may not be displayed correctly.

Style Sheets

Cascading Style Sheets are used in designing this content. Page layout may not be as intended if you view the content with style sheets disabled or on a web browser that is not compatible with style sheets. However, operation will not be affected.

Cookies

This content uses cookies. To use services incorporating cookies, you need to set your browser to allow cookies.

Handling of personal information obtained from websites

Sony may use cookies, web beacons or similar technologies to make statistical analysis of customers' usage of this content while preserving anonymity.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Overview

What you can do with the speaker

Introduction to the main features

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Parts and controls

Parts and controls

Introducing the functions of buttons, terminals and indicators on the speaker.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Included items

Checking the included items

Check that all items are packed with the speaker before use.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Power source

Connecting to an AC outlet
You can charge the speaker from an AC outlet via the AC adaptor (supplied).

Turning the power on
You can turn on the speaker.

Turning the power off
You can turn off the speaker.

Using the BLUETOOTH/Network standby function
The speaker turns on automatically by operating a BLUETOOTH device or network device, and BLUETOOTH or network connection starts.

Charging USB devices, such as smartphones
You can charge your smartphone from the speaker connected with the USB cable.

Auto standby function
If no operation is performed and no sound is input for about 15 minutes, the speaker turns off automatically.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

About "SongPal"

How to use the "SongPal" screen

"SongPal" is a dedicated application for controlling Sony audio devices which are compatible with "SongPal," by your smartphone/iPhone.

What you can do with "SongPal"

"SongPal" provides Wi-Fi connection setup with the speaker, and allows you to select/play music on the PC or server via your home network.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Wi-Fi network connection

Connecting to a Wi-Fi network using "SongPal" (Smartphone)

You can connect the speaker to a Wi-Fi network using "SongPal" installed on your smartphone. First, make a BLUETOOTH connection between the speaker and the smartphone.

Connecting to a Wi-Fi network using "SongPal" (iPhone)

You can connect the speaker to a Wi-Fi network using "SongPal" installed on your iPhone. First, make a BLUETOOTH connection between the speaker and the iPhone.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Device control

Listening to music on a PC via a Wi-Fi network

You can listen to music on a PC via a Wi-Fi network, using "SongPal" installed on your smartphone/iPhone.

Listening to various Internet music streaming (music service)

You can use various Internet music streaming offered on the Internet, using "SongPal" installed on your smartphone/iPhone.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Speaker settings

Setting the sound quality

You can easily customize the sound of the speaker or use Sony's recommended "ClearAudio+" setting, using "SongPal" installed on your smartphone/iPhone.

Setting the auto standby function

You can turn on/off the auto standby and the BLUETOOTH/Network standby functions of the speaker, using "SongPal" installed on your smartphone/iPhone.

Checking the battery level

You can check the battery level of the speaker using the "SongPal" installed on your smartphone/iPhone.

Setting the BLUETOOTH audio streaming playback quality

You can select the BLUETOOTH audio streaming playback quality of the speaker, using "SongPal" installed on your smartphone/iPhone.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Selecting the method of network connection

Selecting the method of network connection

Connect to the network after checking your network environment.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

DLNA (Digital Living Network Alliance)

DLNA (Digital Living Network Alliance)

You can listen to music stored in a DLNA server (PC etc.) on a home network using the speaker.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Listening to music on a PC via network connection (Windows 8 UI)

Connection method 1: Connecting to a Wi-Fi network using the WPS button of a wireless router

If your wireless router has a WPS button, you can connect to the Wi-Fi network by this method.

Connection method 2: Connecting to a Wi-Fi network using a computer connected with a LAN cable

Connect the speaker to a computer with a LAN cable (not supplied), then connect to the wireless router.

Connection method 3: Connecting to a Wi-Fi network using a PC connected wirelessly (Windows 8 UI)

Connect the speaker with a Windows 8 UI PC wirelessly, then connect to the Wi-Fi network.

Connection method 4: Connecting to a wired network

Connect the speaker to a wireless router with a LAN cable (not supplied), then connect the wireless router to the computer.

Setting your PC as a DLNA server and controller (Windows 8)

Set a Windows 8 PC for use as a DLNA server and a controller.

Setting your PC for operating from the DLNA controller (Windows 8)

Set a Windows 8 PC to listen to music stored that PC using the speaker by operating from the DLNA controller.

Listening with the AirPlay function (iTunes)

You can listen to music on a Mac or PC with iTunes using the speaker with AirPlay.

Listening to music on a PC via network connection (Windows 8) (Windows Media Player)

You can listen to music stored in a Windows 8 PC connected to your network using Windows Media Player.

Listening to music on a PC via network connection (Media Go)

You can listen to music stored in a PC connected to your network using Media Go.

Personal Audio System
SRS-X7

Listening to music on a PC via network connection (Windows 8)

Connection method 1: Connecting to a Wi-Fi network using the WPS button of a wireless router

If your wireless router has a WPS button, you can connect to the Wi-Fi network by this method.

Connection method 2: Connecting to a Wi-Fi network using a computer connected with a LAN cable

Connect the speaker to a computer with a LAN cable (not supplied), then connect to the wireless router.

Connection method 3: Connecting to a Wi-Fi network using a PC connected wirelessly (Windows 7/Windows 8)

Connect the speaker with a Windows 7 or Windows 8 PC wirelessly, then connect to the Wi-Fi network.

Connection method 4: Connecting to a wired network

Connect the speaker to a wireless router with a LAN cable (not supplied), then connect the wireless router to the computer.

Setting your PC as a DLNA server and controller (Windows 8)

Set a Windows 8 PC for use as a DLNA server and a controller.

Setting your PC for operating from the DLNA controller (Windows 8)

Set a Windows 8 PC to listen to music stored that PC using the speaker by operating from the DLNA controller.

Listening with the AirPlay function (iTunes)

You can listen to music on a Mac or PC with iTunes using the speaker with AirPlay.

Listening to music on a PC via network connection (Windows 8) (Windows Media Player)

You can listen to music stored in a Windows 8 PC connected to your network using Windows Media Player.

Listening to music on a PC via network connection (Media Go)

You can listen to music stored in a PC connected to your network using Media Go.

Personal Audio System
SRS-X7

Listening to music on a PC via network connection (Windows 7)

Connection method 1: Connecting to a Wi-Fi network using the WPS button of a wireless router

If your wireless router has a WPS button, you can connect to the Wi-Fi network by this method.

Connection method 2: Connecting to a Wi-Fi network using a computer connected with a LAN cable

Connect the speaker to a computer with a LAN cable (not supplied), then connect to the wireless router.

Connection method 3: Connecting to a Wi-Fi network using a PC connected wirelessly (Windows 7/Windows 8)

Connect the speaker with a Windows 7 or Windows 8 PC wirelessly, then connect to the Wi-Fi network.

Connection method 4: Connecting to a wired network

Connect the speaker to a wireless router with a LAN cable (not supplied), then connect the wireless router to the computer.

Setting your PC as a DLNA server and controller (Windows 7)

Set a Windows 7 PC for use as a DLNA server and a controller.

Listening with the AirPlay function (iTunes)

You can listen to music on a Mac or PC with iTunes using the speaker with AirPlay.

Listening to music on a PC via network connection (Windows 7)

You can listen to music stored in a Windows 7 PC connected to your network.

Listening to music on a PC via network connection (Media Go)

You can listen to music stored in a PC connected to your network using Media Go.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Listening to music on a PC via network connection (Windows Vista)

Connection method 1: Connecting to a Wi-Fi network using the WPS button of a wireless router

If your wireless router has a WPS button, you can connect to the Wi-Fi network by this method.

Connection method 2: Connecting to a Wi-Fi network using a computer connected with a LAN cable

Connect the speaker to a computer with a LAN cable (not supplied), then connect to the wireless router.

Connection method 3: Connecting to a Wi-Fi network using a PC connected wirelessly (Windows Vista)

Connect the speaker with a Windows Vista PC wirelessly, then connect to the Wi-Fi network.

Connection method 4: Connecting to a wired network

Connect the speaker to a wireless router with a LAN cable (not supplied), then connect the wireless router to the computer.

Setting your PC as a DLNA server (Windows Vista)

Set a Windows Vista PC for use as a DLNA server.

Listening with the AirPlay function (iTunes)

You can listen to music on a Mac or PC with iTunes using the speaker with AirPlay.

Listening to music on a PC via network connection (Media Go)

You can listen to music stored in a PC connected to your network using Media Go.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Listening to music on a computer via network connection (Mac)

Connection method 1: Connecting to a Wi-Fi network using the WPS button of a wireless router

If your wireless router has a WPS button, you can connect to the Wi-Fi network by this method.

Connection method 2: Connecting to a Wi-Fi network using a computer connected with a LAN cable

Connect the speaker to a computer with a LAN cable (not supplied), then connect to the wireless router.

Connection method 3: Connecting to a Wi-Fi network using a Mac connected wirelessly

Connect the speaker with a Mac wirelessly, then connect to the Wi-Fi network.

Connection method 4: Connecting to a wired network

Connect the speaker to a wireless router with a LAN cable (not supplied), then connect the wireless router to the computer.

Listening with the AirPlay function (iTunes)

You can listen to music on a Mac or PC with iTunes using the speaker with AirPlay.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Listening to music on an iPhone/iPad/iPod via network connection

Connection method 1: Connecting to a Wi-Fi network using the WPS button of a wireless router

If your wireless router has a WPS button, you can connect to the Wi-Fi network by this method.

Connection method 2: Connecting to a Wi-Fi network using a computer connected with a LAN cable

Connect the speaker to a computer with a LAN cable (not supplied), then connect to the wireless router.

Connection method 3: Connecting to a wired network

Connect the speaker to a wireless router with a LAN cable (not supplied), then connect the wireless router to the computer.

Listening with the AirPlay function (iPhone/iPad/iPod touch)

You can listen to music on an iPhone/iPad/iPod touch using the speaker with AirPlay.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Listening to music on an Xperia via network connection

Connection method 1: Connecting to a Wi-Fi network using the WPS button of a wireless router

If your wireless router has a WPS button, you can connect to the Wi-Fi network by this method.

Connection method 2: Connecting to a Wi-Fi network using a computer connected with a LAN cable

Connect the speaker to a computer with a LAN cable (not supplied), then connect to the wireless router.

Connection method 3: Connecting to a wired network

Connect the speaker to a wireless router with a LAN cable (not supplied), then connect the wireless router to the computer.

Listening to music with the WALKMAN application (Xperia)

You can listen to music on an Xperia using the speaker with WALKMAN application installed on your Xperia.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

How to make wireless connection with BLUETOOTH devices

How to make wireless connection with BLUETOOTH devices

An overview of pairing and BLUETOOTH connection with BLUETOOTH device

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Listening to music on a device via BLUETOOTH connection

Connection method 1: Pairing and connecting with a BLUETOOTH device

You can register (pair) a BLUETOOTH device and the speaker with each other, and make a BLUETOOTH connection.

Connection method 2: Connecting with a paired BLUETOOTH device

You can connect the speaker with a BLUETOOTH device that is already paired.

Connection method 3: Connecting with a smartphone by one touch (NFC)

By touching the speaker with a smartphone, the speaker is turned on automatically and then proceeds to pairing and making BLUETOOTH connection.

Listening to music on a device via BLUETOOTH connection

You can enjoy listening to music of your BLUETOOTH device wirelessly via BLUETOOTH connection.

Selecting the BLUETOOTH audio streaming playback quality

You can select the BLUETOOTH audio streaming playback quality of the speaker.

Terminating the BLUETOOTH connection (After use)

After use, terminate the BLUETOOTH connection between the speaker and a BLUETOOTH device.

Disconnecting the smartphone by one touch (NFC)

You can disconnect the speaker from a connected smartphone by touching the speaker with it.

Switching devices by one touch (NFC)

You can switch devices by touching a new device once on the N-Mark of the speaker.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Listening to music on a portable audio device, etc., by connecting with an audio cable (AUDIO IN)

Connecting to a portable audio device, etc.

You can connect a portable audio device, etc., with an audio cable (not supplied).

Listening to music on a portable audio device, etc.

You can enjoy music of a portable audio device, etc., connected to the AUDIO IN jack.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Selecting the method of network connection

Selecting the method of network connection

Connect to the network after checking your network environment.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

How to make wireless connection with BLUETOOTH devices

How to make wireless connection with BLUETOOTH devices

An overview of pairing and BLUETOOTH connection with BLUETOOTH device

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Listening to music on an Xperia via network connection

Connection method 1: Connecting to a Wi-Fi network using the WPS button of a wireless router

If your wireless router has a WPS button, you can connect to the Wi-Fi network by this method.

Connection method 2: Connecting to a Wi-Fi network using a computer connected with a LAN cable

Connect the speaker to a computer with a LAN cable (not supplied), then connect to the wireless router.

Connection method 3: Connecting to a wired network

Connect the speaker to a wireless router with a LAN cable (not supplied), then connect the wireless router to the computer.

Listening to music with the WALKMAN application (Xperia)

You can listen to music on an Xperia using the speaker with WALKMAN application installed on your Xperia.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Listening to music on a device via BLUETOOTH connection

Connection method 1: Pairing and connecting with a BLUETOOTH device

You can register (pair) a BLUETOOTH device and the speaker with each other, and make a BLUETOOTH connection.

Connection method 2: Connecting with a paired BLUETOOTH device

You can connect the speaker with a BLUETOOTH device that is already paired.

Connection method 3: Connecting with a smartphone by one touch (NFC)

By touching the speaker with a smartphone, the speaker is turned on automatically and then proceeds to pairing and making BLUETOOTH connection.

Listening to music on a device via BLUETOOTH connection

You can enjoy listening to music of your BLUETOOTH device wirelessly via BLUETOOTH connection.

Selecting the BLUETOOTH audio streaming playback quality

You can select the BLUETOOTH audio streaming playback quality of the speaker.

Terminating the BLUETOOTH connection (After use)

After use, terminate the BLUETOOTH connection between the speaker and a BLUETOOTH device.

Disconnecting the smartphone by one touch (NFC)

You can disconnect the speaker from a connected smartphone by touching the speaker with it.

Switching devices by one touch (NFC)

You can switch devices by touching a new device once on the N-Mark of the speaker.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Listening to music on a portable audio device, etc., by connecting with an audio cable (AUDIO IN)

Connecting to a portable audio device, etc.

You can connect a portable audio device, etc., with an audio cable (not supplied).

Listening to music on a portable audio device, etc.

You can enjoy music of a portable audio device, etc., connected to the AUDIO IN jack.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

How to make wireless connection with BLUETOOTH devices

How to make wireless connection with BLUETOOTH devices

An overview of pairing and BLUETOOTH connection with BLUETOOTH device

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Listening to music on a device via BLUETOOTH connection

Connection method 1: Pairing and connecting with a BLUETOOTH device

You can register (pair) a BLUETOOTH device and the speaker with each other, and make a BLUETOOTH connection.

Connection method 2: Connecting with a paired BLUETOOTH device

You can connect the speaker with a BLUETOOTH device that is already paired.

Connection method 3: Connecting with a smartphone by one touch (NFC)

By touching the speaker with a smartphone, the speaker is turned on automatically and then proceeds to pairing and making BLUETOOTH connection.

Listening to music on a device via BLUETOOTH connection

You can enjoy listening to music of your BLUETOOTH device wirelessly via BLUETOOTH connection.

Selecting the BLUETOOTH audio streaming playback quality

You can select the BLUETOOTH audio streaming playback quality of the speaker.

Terminating the BLUETOOTH connection (After use)

After use, terminate the BLUETOOTH connection between the speaker and a BLUETOOTH device.

Disconnecting the smartphone by one touch (NFC)

You can disconnect the speaker from a connected smartphone by touching the speaker with it.

Switching devices by one touch (NFC)

You can switch devices by touching a new device once on the N-Mark of the speaker.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Listening to music on a portable audio device, etc., by connecting with an audio cable (AUDIO IN)

Connecting to a portable audio device, etc.

You can connect a portable audio device, etc., with an audio cable (not supplied).

Listening to music on a portable audio device, etc.

You can enjoy music of a portable audio device, etc., connected to the AUDIO IN jack.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Selecting the method of network connection

Selecting the method of network connection

Connect to the network after checking your network environment.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

How to make wireless connection with BLUETOOTH devices

How to make wireless connection with BLUETOOTH devices

An overview of pairing and BLUETOOTH connection with BLUETOOTH device

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Listening to music on an iPhone/iPad/iPod via network connection

Connection method 1: Connecting to a Wi-Fi network using the WPS button of a wireless router

If your wireless router has a WPS button, you can connect to the Wi-Fi network by this method.

Connection method 2: Connecting to a Wi-Fi network using a computer connected with a LAN cable

Connect the speaker to a computer with a LAN cable (not supplied), then connect to the wireless router.

Connection method 3: Connecting to a wired network

Connect the speaker to a wireless router with a LAN cable (not supplied), then connect the wireless router to the computer.

Listening with the AirPlay function (iPhone/iPad/iPod touch)

You can listen to music on an iPhone/iPad/iPod touch using the speaker with AirPlay.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Listening to music on an iPhone/iPad/iPod via BLUETOOTH connection

Connection method 1: Pairing and connecting with a BLUETOOTH device

You can register (pair) a BLUETOOTH device and the speaker with each other, and make a BLUETOOTH connection.

Connection method 2: Connecting with a paired BLUETOOTH device

You can connect the speaker with a BLUETOOTH device that is already paired.

Listening to music on a device via BLUETOOTH connection

You can enjoy listening to music of your BLUETOOTH device wirelessly via BLUETOOTH connection.

Selecting the BLUETOOTH audio streaming playback quality

You can select the BLUETOOTH audio streaming playback quality of the speaker.

Terminating the BLUETOOTH connection (After use)

After use, terminate the BLUETOOTH connection between the speaker and a BLUETOOTH device.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Listening to music on a portable audio device, etc., by connecting with an audio cable (AUDIO IN)

Connecting to a portable audio device, etc.

You can connect a portable audio device, etc., with an audio cable (not supplied).

Listening to music on a portable audio device, etc.

You can enjoy music of a portable audio device, etc., connected to the AUDIO IN jack.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

How to make wireless connection with BLUETOOTH devices

How to make wireless connection with BLUETOOTH devices

An overview of pairing and BLUETOOTH connection with BLUETOOTH device

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Listening to music on a Walkman via BLUETOOTH connection

Connection method 1: Pairing and connecting with a BLUETOOTH device

You can register (pair) a BLUETOOTH device and the speaker with each other, and make a BLUETOOTH connection.

Connection method 2: Connecting with a paired BLUETOOTH device

You can connect the speaker with a BLUETOOTH device that is already paired.

Listening to music on a device via BLUETOOTH connection

You can enjoy listening to music of your BLUETOOTH device wirelessly via BLUETOOTH connection.

Selecting the BLUETOOTH audio streaming playback quality

You can select the BLUETOOTH audio streaming playback quality of the speaker.

Terminating the BLUETOOTH connection (After use)

After use, terminate the BLUETOOTH connection between the speaker and a BLUETOOTH device.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Listening to music on a portable audio device, etc., by connecting with an audio cable (AUDIO IN)

Connecting to a portable audio device, etc.

You can connect a portable audio device, etc., with an audio cable (not supplied).

Listening to music on a portable audio device, etc.

You can enjoy music of a portable audio device, etc., connected to the AUDIO IN jack.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Selecting the method of network connection

Selecting the method of network connection

Connect to the network after checking your network environment.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

DLNA (Digital Living Network Alliance)

DLNA (Digital Living Network Alliance)

You can listen to music stored in a DLNA server (PC etc.) on a home network using the speaker.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

How to make wireless connection with BLUETOOTH devices

How to make wireless connection with BLUETOOTH devices

An overview of pairing and BLUETOOTH connection with BLUETOOTH device

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Listening to music on a PC via network connection (Windows 8 UI)

Connection method 1: Connecting to a Wi-Fi network using the WPS button of a wireless router

If your wireless router has a WPS button, you can connect to the Wi-Fi network by this method.

Connection method 2: Connecting to a Wi-Fi network using a computer connected with a LAN cable

Connect the speaker to a computer with a LAN cable (not supplied), then connect to the wireless router.

Connection method 3: Connecting to a Wi-Fi network using a PC connected wirelessly (Windows 8 UI)

Connect the speaker with a Windows 8 UI PC wirelessly, then connect to the Wi-Fi network.

Connection method 4: Connecting to a wired network

Connect the speaker to a wireless router with a LAN cable (not supplied), then connect the wireless router to the computer.

Setting your PC as a DLNA server and controller (Windows 8)

Set a Windows 8 PC for use as a DLNA server and a controller.

Setting your PC for operating from the DLNA controller (Windows 8)

Set a Windows 8 PC to listen to music stored that PC using the speaker by operating from the DLNA controller.

Listening with the AirPlay function (iTunes)

You can listen to music on a Mac or PC with iTunes using the speaker with AirPlay.

Listening to music on a PC via network connection (Windows 8) (Windows Media Player)

You can listen to music stored in a Windows 8 PC connected to your network using Windows Media Player.

Listening to music on a PC via network connection (Media Go)

You can listen to music stored in a PC connected to your network using Media Go.

Personal Audio System
SRS-X7

Listening to music on a PC via network connection (Windows 8)

Connection method 1: Connecting to a Wi-Fi network using the WPS button of a wireless router

If your wireless router has a WPS button, you can connect to the Wi-Fi network by this method.

Connection method 2: Connecting to a Wi-Fi network using a computer connected with a LAN cable

Connect the speaker to a computer with a LAN cable (not supplied), then connect to the wireless router.

Connection method 3: Connecting to a Wi-Fi network using a PC connected wirelessly (Windows 7/Windows 8)

Connect the speaker with a Windows 7 or Windows 8 PC wirelessly, then connect to the Wi-Fi network.

Connection method 4: Connecting to a wired network

Connect the speaker to a wireless router with a LAN cable (not supplied), then connect the wireless router to the computer.

Setting your PC as a DLNA server and controller (Windows 8)

Set a Windows 8 PC for use as a DLNA server and a controller.

Setting your PC for operating from the DLNA controller (Windows 8)

Set a Windows 8 PC to listen to music stored that PC using the speaker by operating from the DLNA controller.

Listening with the AirPlay function (iTunes)

You can listen to music on a Mac or PC with iTunes using the speaker with AirPlay.

Listening to music on a PC via network connection (Windows 8) (Windows Media Player)

You can listen to music stored in a Windows 8 PC connected to your network using Windows Media Player.

Listening to music on a PC via network connection (Media Go)

You can listen to music stored in a PC connected to your network using Media Go.

Personal Audio System
SRS-X7

Listening to music on a PC via BLUETOOTH connection

Connection method 1: Pairing and connecting with a BLUETOOTH device

You can register (pair) a BLUETOOTH device and the speaker with each other, and make a BLUETOOTH connection.

Connection method 2: Connecting with a paired BLUETOOTH device

You can connect the speaker with a BLUETOOTH device that is already paired.

Listening to music on a device via BLUETOOTH connection

You can enjoy listening to music of your BLUETOOTH device wirelessly via BLUETOOTH connection.

Selecting the BLUETOOTH audio streaming playback quality

You can select the BLUETOOTH audio streaming playback quality of the speaker.

Terminating the BLUETOOTH connection (After use)

After use, terminate the BLUETOOTH connection between the speaker and a BLUETOOTH device.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Selecting the method of network connection

Selecting the method of network connection

Connect to the network after checking your network environment.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

DLNA (Digital Living Network Alliance)

DLNA (Digital Living Network Alliance)

You can listen to music stored in a DLNA server (PC etc.) on a home network using the speaker.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

How to make wireless connection with BLUETOOTH devices

How to make wireless connection with BLUETOOTH devices

An overview of pairing and BLUETOOTH connection with BLUETOOTH device

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Listening to music on a PC via network connection (Windows 7)

Connection method 1: Connecting to a Wi-Fi network using the WPS button of a wireless router

If your wireless router has a WPS button, you can connect to the Wi-Fi network by this method.

Connection method 2: Connecting to a Wi-Fi network using a computer connected with a LAN cable

Connect the speaker to a computer with a LAN cable (not supplied), then connect to the wireless router.

Connection method 3: Connecting to a Wi-Fi network using a PC connected wirelessly (Windows 7/Windows 8)

Connect the speaker with a Windows 7 or Windows 8 PC wirelessly, then connect to the Wi-Fi network.

Connection method 4: Connecting to a wired network

Connect the speaker to a wireless router with a LAN cable (not supplied), then connect the wireless router to the computer.

Setting your PC as a DLNA server and controller (Windows 7)

Set a Windows 7 PC for use as a DLNA server and a controller.

Listening with the AirPlay function (iTunes)

You can listen to music on a Mac or PC with iTunes using the speaker with AirPlay.

Listening to music on a PC via network connection (Windows 7)

You can listen to music stored in a Windows 7 PC connected to your network.

Listening to music on a PC via network connection (Media Go)

You can listen to music stored in a PC connected to your network using Media Go.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Listening to music on a PC via BLUETOOTH connection

Connection method 1: Pairing and connecting with a BLUETOOTH device

You can register (pair) a BLUETOOTH device and the speaker with each other, and make a BLUETOOTH connection.

Connection method 2: Connecting with a paired BLUETOOTH device

You can connect the speaker with a BLUETOOTH device that is already paired.

Listening to music on a device via BLUETOOTH connection

You can enjoy listening to music of your BLUETOOTH device wirelessly via BLUETOOTH connection.

Selecting the BLUETOOTH audio streaming playback quality

You can select the BLUETOOTH audio streaming playback quality of the speaker.

Terminating the BLUETOOTH connection (After use)

After use, terminate the BLUETOOTH connection between the speaker and a BLUETOOTH device.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Selecting the method of network connection

Selecting the method of network connection

Connect to the network after checking your network environment.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

DLNA (Digital Living Network Alliance)

DLNA (Digital Living Network Alliance)

You can listen to music stored in a DLNA server (PC etc.) on a home network using the speaker.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

How to make wireless connection with BLUETOOTH devices

How to make wireless connection with BLUETOOTH devices

An overview of pairing and BLUETOOTH connection with BLUETOOTH device

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Listening to music on a PC via network connection (Windows Vista)

Connection method 1: Connecting to a Wi-Fi network using the WPS button of a wireless router

If your wireless router has a WPS button, you can connect to the Wi-Fi network by this method.

Connection method 2: Connecting to a Wi-Fi network using a computer connected with a LAN cable

Connect the speaker to a computer with a LAN cable (not supplied), then connect to the wireless router.

Connection method 3: Connecting to a Wi-Fi network using a PC connected wirelessly (Windows Vista)

Connect the speaker with a Windows Vista PC wirelessly, then connect to the Wi-Fi network.

Connection method 4: Connecting to a wired network

Connect the speaker to a wireless router with a LAN cable (not supplied), then connect the wireless router to the computer.

Setting your PC as a DLNA server (Windows Vista)

Set a Windows Vista PC for use as a DLNA server.

Listening with the AirPlay function (iTunes)

You can listen to music on a Mac or PC with iTunes using the speaker with AirPlay.

Listening to music on a PC via network connection (Media Go)

You can listen to music stored in a PC connected to your network using Media Go.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Listening to music on a PC via BLUETOOTH connection

Connection method 1: Pairing and connecting with a BLUETOOTH device

You can register (pair) a BLUETOOTH device and the speaker with each other, and make a BLUETOOTH connection.

Connection method 2: Connecting with a paired BLUETOOTH device

You can connect the speaker with a BLUETOOTH device that is already paired.

Listening to music on a device via BLUETOOTH connection

You can enjoy listening to music of your BLUETOOTH device wirelessly via BLUETOOTH connection.

Selecting the BLUETOOTH audio streaming playback quality

You can select the BLUETOOTH audio streaming playback quality of the speaker.

Terminating the BLUETOOTH connection (After use)

After use, terminate the BLUETOOTH connection between the speaker and a BLUETOOTH device.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Selecting the method of network connection

Selecting the method of network connection

Connect to the network after checking your network environment.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

DLNA (Digital Living Network Alliance)

DLNA (Digital Living Network Alliance)

You can listen to music stored in a DLNA server (PC etc.) on a home network using the speaker.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

How to make wireless connection with BLUETOOTH devices

How to make wireless connection with BLUETOOTH devices

An overview of pairing and BLUETOOTH connection with BLUETOOTH device

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Listening to music on a computer via network connection (Mac)

Connection method 1: Connecting to a Wi-Fi network using the WPS button of a wireless router

If your wireless router has a WPS button, you can connect to the Wi-Fi network by this method.

Connection method 2: Connecting to a Wi-Fi network using a computer connected with a LAN cable

Connect the speaker to a computer with a LAN cable (not supplied), then connect to the wireless router.

Connection method 3: Connecting to a Wi-Fi network using a Mac connected wirelessly

Connect the speaker with a Mac wirelessly, then connect to the Wi-Fi network.

Connection method 4: Connecting to a wired network

Connect the speaker to a wireless router with a LAN cable (not supplied), then connect the wireless router to the computer.

Listening with the AirPlay function (iTunes)

You can listen to music on a Mac or PC with iTunes using the speaker with AirPlay.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Listening to music on a PC via BLUETOOTH connection

Connection method 1: Pairing and connecting with a BLUETOOTH device

You can register (pair) a BLUETOOTH device and the speaker with each other, and make a BLUETOOTH connection.

Connection method 2: Connecting with a paired BLUETOOTH device

You can connect the speaker with a BLUETOOTH device that is already paired.

Listening to music on a device via BLUETOOTH connection

You can enjoy listening to music of your BLUETOOTH device wirelessly via BLUETOOTH connection.

Selecting the BLUETOOTH audio streaming playback quality

You can select the BLUETOOTH audio streaming playback quality of the speaker.

Terminating the BLUETOOTH connection (After use)

After use, terminate the BLUETOOTH connection between the speaker and a BLUETOOTH device.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

About the indicators

About the indicators

The indicators show the status of the speaker.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Compatible device

Compatible iPhone/iPad/iPod models
Compatible operating system (Windows)
Compatible operating systems (Mac)
Compatible DLNA devices
Compatible BLUETOOTH devices

Notes on use

4-537-384-11(2)
Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Software update

Updating the software

Update the software of the speaker.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Wi-Fi signal strength

Checking the Wi-Fi signal strength (reception sensitivity)

You can check the signal strength (reception sensitivity) when the speaker is connected to a Wi-Fi network.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

About standby functions

Differences of standby modes

Explanation of the standby functions (standby, BLUETOOTH/network standby, auto standby).

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Notes on use

Precautions
Precautions on safety and use, etc.

Notes on charging
Notes about the built-in battery of the speaker

Disposing of the speaker
Before disposing of the speaker, remove the built-in battery pack.

What is BLUETOOTH wireless technology?
BLUETOOTH wireless technology is a short-range wireless technology that enables wireless data communication between digital devices, such as a computer and digital camera.

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Trademarks

Trademarks

List of trademarks/registered trademarks

Important information on software

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Support website

Customer support websites

URLs of the customer support websites

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Troubleshooting

What can I do to solve a problem?

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Power supply

- Unable to turn on the speaker or charge the built-in battery
- None of the speaker buttons can be operated.
- The speaker has entered standby mode or BLUETOOTH/Network standby mode unexpectedly.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Sound

No sound/Sound from only one speaker/Low sound level

Distorted sound/Humming or noise in the speaker output

You might be looking for the following topics:

- There is no sound
- Distorted sound/Humming or noise in the speaker output

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Network connection

The speaker cannot connect to the network. (Other equipment on the network cannot find or recognize the speaker.)

The speaker cannot connect to the network via a Wi-Fi network connection.

The speaker cannot connect to a network using the WPS button.

The speaker does not appear in the device list on the computer's music playback application.

The speaker does not appear in the device select screen on "SongPal."

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Music Services

The speaker cannot connect to music services.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Home network (DLNA)

The controller cannot find the speaker. (The controller cannot browse the contents of the speaker.)

Music started automatically.

The sound is interrupted.

Playback does not start.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

AirPlay

- The speaker cannot be found from an iPhone/iPod touch/iPad or computer with iTunes.
- Music started automatically.
- There is no sound, or the sound skips during playback.
- The speaker cannot be operated.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Pairing

Unable to pair the speaker with a BLUETOOTH device

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

One-touch connection (NFC)

Unable to connect the speaker to a BLUETOOTH device with One-touch connection (NFC)

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Sound

There is no sound

Distorted sound/Humming or noise in the speaker output

You might be looking for the following topics:

- No sound/Sound from only one speaker/Low sound level
- Distorted sound/Humming or noise in the speaker output

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Reset

Using the RESET button

Initializing the speaker

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Disposal and transfer

Disposing of or giving away this speaker

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

What you can do with the speaker

- Music playback via wireless connection (AirPlay/DLNA/BLUETOOTH)
- Music service support
- BLUETOOTH supported codec*1: SBC (Subband Codec) / AAC (Advanced Audio Coding) / aptX
- Easy operation from your smartphone and tablet.*2
- Compatible with DSEE
- Compatible with ClearAudio+
- Tap operation

*1 Codec: Audio signal compression and conversion format

*2 Only when the dedicated application "SongPal" is installed on your device.

Notes on use

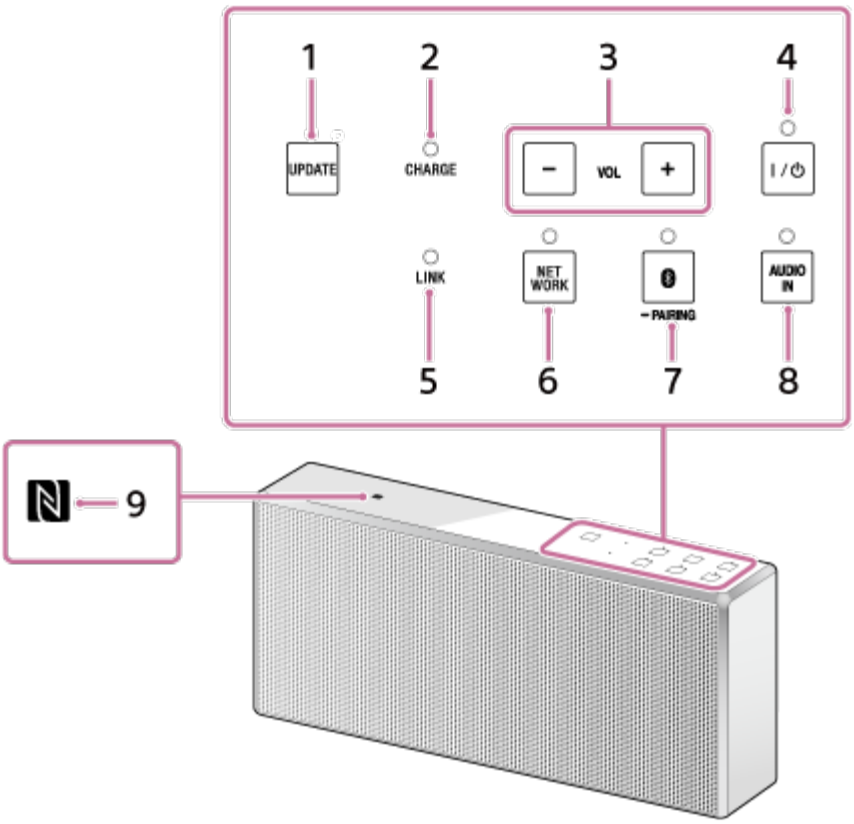
4-537-384-11(2)

Copyright 2014 Sony Corporation

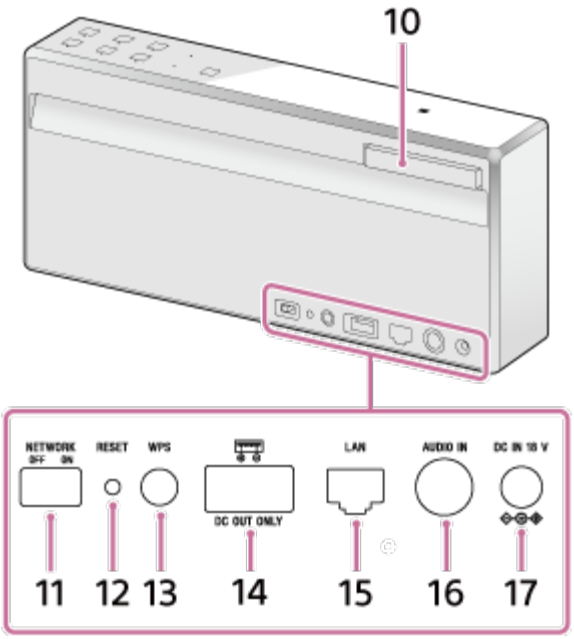
Personal Audio System
SRS-X7

Parts and controls

Front and top side



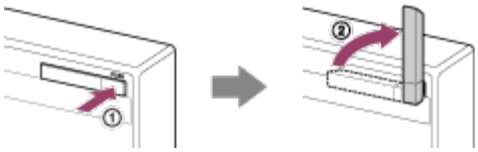
Rear side



1. UPDATE button
   Tap and hold to update the speaker's software.
   Lights up in orange when the speaker detects the latest software while connected to the Internet. (Normally off.)
   This button is usually not displayed.
2. CHARGE indicator
   Display the charging status of the built-in lithium-ion battery by the lighting and flashing of the indicator.
3. VOL (volume) -/+ buttons
   Tap to adjust the volume.
   The | / ⏻ (on/standby) indicator flashes according to the volume adjustment when tapped.
4. | / ⏻ (on/standby) button/indicator
   Press to turn the power of the speaker on and off.
   The power status of the speaker is indicated by the lighting or flashing of the indicator.
5. LINK indicator
   Indicates the status of the network connection of the speaker.
6. NETWORK button/indicator
   Tap to switch the speaker to NETWORK mode.
   Tap to listen to music stored in a device on the home network by the speaker.
   The connection status of the network is indicated by the flashing or lighting of the indicator.
7. (BLUETOOTH) – PAIRING button/indicator
   Tap to switch the speaker to BLUETOOTH mode or pairing mode.
   Tap when pairing or connecting with a BLUETOOTH device or listening to music with a BLUETOOTH device.
   The connection status of the BLUETOOTH device is indicated by the flashing or lighting of the indicator.
   Tap once to switch the speaker to BLUETOOTH mode. Tap and hold to switch the speaker to pairing mode.
8. AUDIO IN button/indicator
   Tap to switch the speaker to AUDIO IN mode.
   Tap to listen to music in a device connected to the AUDIO IN jack.
   The AUDIO IN indicator lights up when tapped.
9. N-mark
   If your smartphone is NFC-compatible, touch the smartphone on the N-Mark. The speaker will turn on automatically

and registering (pairing) and BLUETOOTH connection can be made.

10. Wi-Fi antenna
    Set upright during Wi-Fi connection as below.



    ① Push the right side of the antenna, and the antenna comes out from the recess.
    ② Put up the antenna.
11. NETWORK OFF/ON switch
    Turn the network function on and off. Set this switch to ON when connecting to the network.
12. RESET button
    Push to reset the speaker.
13. WPS button
    Press and hold when connecting to a Wi-Fi network.
    Beeps will be heard by pressing and holding the WPS button for 2 seconds, which indicates that the speaker is ready to connect to a wireless router.
    If your wireless router has a WPS button, you can use this button to connect to the network.
14. DC OUT ONLY port (USB)
    Connect a USB device, such as smartphone, using a USB cable (not supplied) to charge from the speaker. If you play music on the connected USB device, sound will not be output from the speaker.
15. LAN port
    Use a LAN cable (not supplied) to connect the computer or the wireless router.
16. AUDIO IN jack
    Connect to the headphone jack of a portable audio device, etc., using a connecting cable (not supplied).
17. DC IN 18 V jack
    Connect the AC adaptor (supplied).

Related Topic
About the indicators

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Checking the included items

After unpacking, check that all items in the list below are included in the package.
If any items are missing, contact your dealer.
The number in ( ) indicates the item amount.

- Main unit (SRS-X7) (1)
- AC power cord (1)
- AC adaptor (1)
- Start Guide "Enjoy Music over Your Wi-Fi Network"
  Provides how to listen to music in your computer over your Wi-Fi network.
- Reference Guide
  Provides important safety information.
- Warranty card
  (depending on your region/country)

Notes on use

4-537-384-11(2)

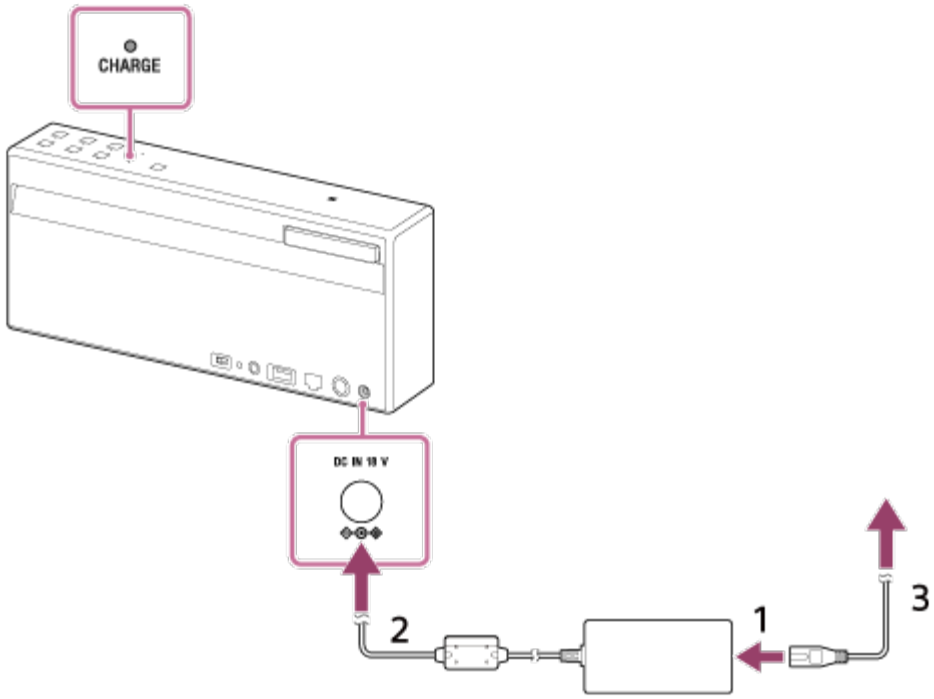
Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Connecting to an AC outlet

The speaker can operate by AC adaptor or built-in lithium-ion battery (rechargeable).
Charge the battery before using the speaker for the first time.
You can operate the speaker by battery instead of the AC adaptor by charging the speaker before use.

1. Connect the AC power cord (supplied) to the AC adaptor (supplied).
2. Connect the AC adaptor (supplied) to the DC IN 18 V jack.
3. Plug the AC power cord connected to the AC adaptor to an AC outlet securely.



When the speaker is connected to an AC outlet via the AC adaptor, charging starts and the CHARGE indicator lights up. Charging is completed in about 3 hours* and the indicator goes off.

*Time that is required to charge the empty battery to its full capacity.

Usage life of lithium-ion battery

When the NETWORK OFF/ON switch is OFF: Approx. 6 hours
When the NETWORK OFF/ON switch is ON: Approx. 3 hours
Time stated above may vary, depending on ambient temperature or conditions of use.

When the battery is running low

- When the CHARGE indicator flashes slowly, the battery is running low and needs to be charged by connecting an AC outlet via the AC adaptor.
- If the CHARGE indicator flashes 3 times and goes off when you turn on the speaker, the battery is empty and needs to be charged by connecting an AC outlet via the AC adaptor.

Note

- When you switch the power source between AC adaptor and battery by connecting/disconnecting the AC adaptor, the speaker stops sound output for a short while. This is not a malfunction.
- The maximum power output will be lower when the AC adaptor is disconnected.
- In an extremely hot environment, charging of the battery will stop.
- Even if you do not intend to use the speaker for a long time, charge the battery to its full capacity once every 6 months to maintain its performance.

Related Topic

- Turning the power on
- Charging USB devices, such as smartphones
- Notes on charging
- Disposing of the speaker

Notes on use

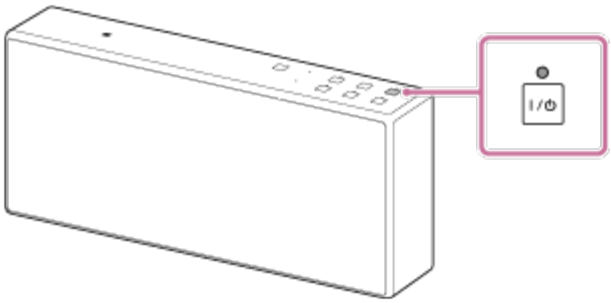
4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Turning the power on

1. Press the | / ⏻ (on/standby) button.
   The | / ⏻ (on/standby) indicator lights up in green.



Hint

- The LINK indicator also begins to flash when the speaker is turned on. You can set up or use the network function when it stops flashing.
- When you turn on the speaker in the BLUETOOTH/Network standby mode, the start-up time becomes shorter and the speaker will become operational sooner, than when you turn on the speaker in standby mode. To turn on the BLUETOOTH/Network standby function, with the speaker turned on, press and hold the | / ⏻ (on/standby) button until the | / ⏻ (on/standby) indicator lights up in orange.

Note

- When the CHARGE indicator flashes slowly, the battery is running low and needs to be charged by connecting an AC outlet via the AC adaptor.
- If the CHARGE indicator flashes 3 times and goes off when you turn on the speaker, the battery is empty and needs to be charged by connecting an AC outlet via the AC adaptor.

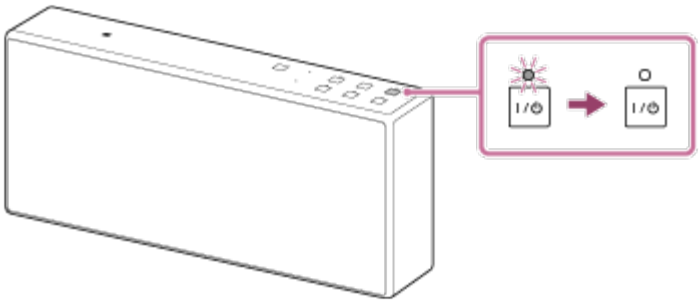
Related Topic

- Connecting to an AC outlet
- Turning the power off
- Using the BLUETOOTH/Network standby function

Personal Audio System
SRS-X7

Turning the power off

1. Press the | / ⏻ (on/standby) button.
   The | / ⏻ (on/standby) indicator flashes slowly in green. When the | / ⏻ (on/standby) indicator turns off, the speaker enters the standby mode.



Hint

- If you turn off the speaker while the BLUETOOTH/Network standby function is on, the | / ⏻ (on/standby) indicator lights up in orange and the speaker enters the BLUETOOTH/Network standby mode.

Note

- While the | / ⏻ (on/standby) indicator is flashing, the speaker is not operational. If the speaker is turned off while the LINK indicator is flashing, the | / ⏻ (on/standby) indicator will flash for several tens of seconds.

Related Topic

- Using the BLUETOOTH/Network standby function
- Auto standby function
- Differences of standby modes

Notes on use

4-537-384-11(2)

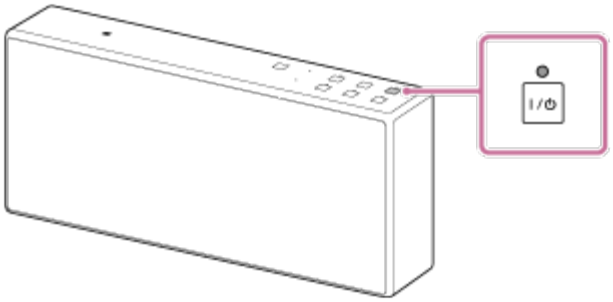
Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Using the BLUETOOTH/Network standby function

If the BLUETOOTH/Network standby function is on, the speaker turns on automatically by operating a BLUETOOTH device or network device, and BLUETOOTH or network connection starts.
The BLUETOOTH/Network standby function can be set only when the speaker is connected to an AC outlet via the AC adaptor.
When you turn on the speaker in the BLUETOOTH/Network standby mode, the start-up time becomes shorter and the speaker will become operational sooner, than when you turn on the speaker in standby mode.

1. Connect the speaker to the AC outlet.
2. Turn on the speaker.
   The | / ⏻ (on/standby) indicator lights up in green.
3. Press and hold the | / ⏻ (on/standby) button until the | / ⏻ (on/standby) indicator lights up in orange.



   The speaker turns off and enters the BLUETOOTH/Network standby mode.
   If you operate a BLUETOOTH device or network device, the speaker turns on automatically and connection starts.

To turn off the BLUETOOTH/Network standby function

With the speaker turned on, press and hold the | / ⏻ button.
When the | / ⏻ (on/standby) indicator turns off, the BLUETOOTH/Network standby function is turned off and the speaker enters the standby mode.

Note

- The BLUETOOTH/Network standby function can be set only when the speaker is connected to an AC outlet via the AC adaptor. When the speaker is being powered by the built-in battery only, the BLUETOOTH/Network standby function is not available.

Related Topic

- Connecting to an AC outlet
- Turning the power off
- Setting the auto standby function
- Differences of standby modes

Notes on use

4-537-384-11(2)

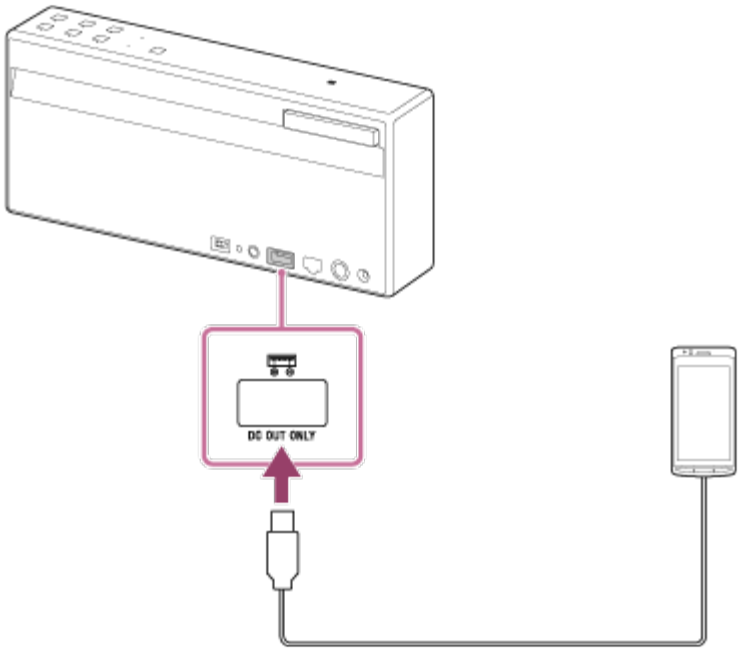
Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Charging USB devices, such as smartphones

You can charge your smartphone from the speaker connected via the USB cable.

1. Connect a USB device, such as smartphone to DC OUT ONLY port (USB) using the USB cable (not supplied).



When you connect the speaker to an AC outlet via the AC adaptor, the connected USB device starts to be charged automatically.
When the speaker is being powered by the built-in battery only, proceed to step 2.

2. Turn on the speaker.
The | / ⏻ (power) indicator lights up in green and a USB device starts to be charged automatically.

Note

- If the speaker is being powered by the built-in battery only, charging of the connected USB device will stop when the speaker turns off.
- When the CHARGE indicator flashes slowly, the battery is running low and needs to be charged. In this state, the speaker cannot supply the power to other devices.
- Do not use the charging dock of a smartphone. The smartphone may not be charged.
- Charging of all USB devices cannot be guaranteed.
- If you play music on a USB device connected to the DC OUT ONLY port (USB), sound will not be output from the

speaker.

- In an extremely hot environment, charging of the connected USB device will stop.

Related Topic
Connecting to an AC outlet
Turning the power off

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Auto standby function

The speaker automatically enters standby mode or switches to the BLUETOOTH/Network standby mode if the speaker remains in any of the following states for about 15 minutes.

- No operation of the speaker.
- Connect/disconnect operations to the speaker from the external devices have not been performed.
- Music (voice) is not played while connected to external devices.

Note

- Even when charging a USB device by connecting it to the DC OUT ONLY port (USB) of the speaker, if the above conditions continue for 15 minutes, the speaker automatically enters standby mode or BLUETOOTH/Network standby mode. If the speaker is being powered by the battery only, charging will stop.
- The auto standby function can be turned off by using the dedicated application "SongPal".

Related Topic

- Setting the auto standby function
- Differences of standby modes

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

How to use the "SongPal" screen

"SongPal" is a dedicated application for controlling Sony audio devices which are compatible with "SongPal," by your smartphone/iPhone.
After downloading "SongPal" on your smartphone or iPhone, [SongPal] will be displayed on the screen.
For details about "SongPal," refer to the following URL:
http://rd1.sony.net/help/speaker/songpal/

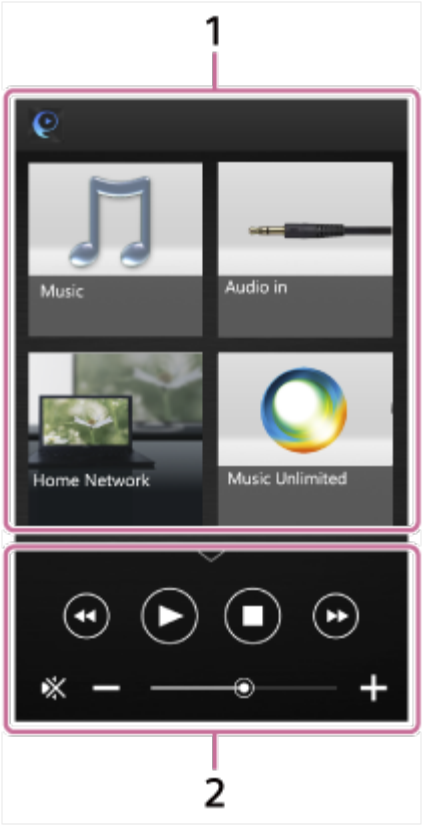
To start up "SongPal" on your smartphone/iPhone

Tap [SongPal] on your smartphone/iPhone.

Make sure you are connected to a network the first time you start "SongPal" with your smartphone/iPhone.

Home screen

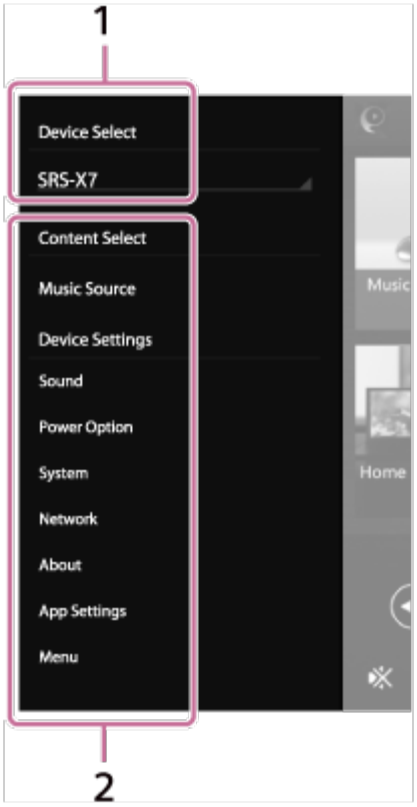
When you start up "SongPal" on your smartphone/iPhone, the home screen is displayed.



1. Home screen
   Displays the functions of the selected device, music services, and applications installed on your smartphone/iPhone.
2. Mini player
   Controller for the selected function

Setting menu

Flick right on any "SongPal" screen to display this menu.



1. Device Select
   Select a "SongPal" compatible device.
2. Settings of the connected device
   Various sound/network settings are displayed.

Note

- The home screen and the setting menu above are the display examples. The actual display may differ.

Related Topic
What you can do with "SongPal"

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

What you can do with "SongPal"

"SongPal" is the dedicated application for controlling Sony audio devices which are compatible with "SongPal," by your smartphone/iPhone.
For details about "SongPal," refer to the following URL:
http://rd1.sony.net/help/speaker/songpal/
Downloading "SongPal" on your smartphone or iPhone provides the following.

Sound settings of the speaker

You can easily customize your sound, or use Sony's recommended "ClearAudio+" setting.

Music service

You can enjoy various music services*.

*Depending on the country or region, music services and their period of availability may differ. Separate registration is required for certain services. An update of the device may be required.
About the settings of Music Unlimited, refer to the following URL:
http://munlimited.com/home/

Controlling devices on your home network

You can play music stored in your PC or DLNA server over your network.

Note

- What you can control with "SongPal" varies depending on the connected device. The specification and design of the application may change without notice.

Notes on use

4-537-384-11(2)
Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Connecting to a Wi-Fi network using "SongPal" (Smartphone)

You can connect the speaker to a Wi-Fi network using "SongPal" installed on your smartphone.
First, make a BLUETOOTH connection between the speaker and the smartphone. Then configure the Wi-Fi settings.
Complete step 9 within 15 minutes after turning on the speaker. If the settings are not completed within 15 minutes, the speaker will turn off automatically.
Check the following before starting the operation.

- Connect your smartphone to the wireless router using IEEE 802.11b or IEEE 802.11g.
- Disconnect the LAN cable from the speaker.
- Place the speaker closer to the wireless router.
- Set the Wi-Fi antenna on the rear to the upright position.
- Set the NETWORK OFF/ON switch on the rear of the speaker to ON.

Before starting this procedure, be aware that the setting information of your Wi-Fi network will not be protected until the setting is complete. After the setting is complete, the setting information of your Wi-Fi network will be protected again when you set wireless LAN security.

1. Have the Wi-Fi network name (SSID) and password of the wireless router to be used available for reference.
   For the SSID and password, refer to the operating instructions of the wireless router.

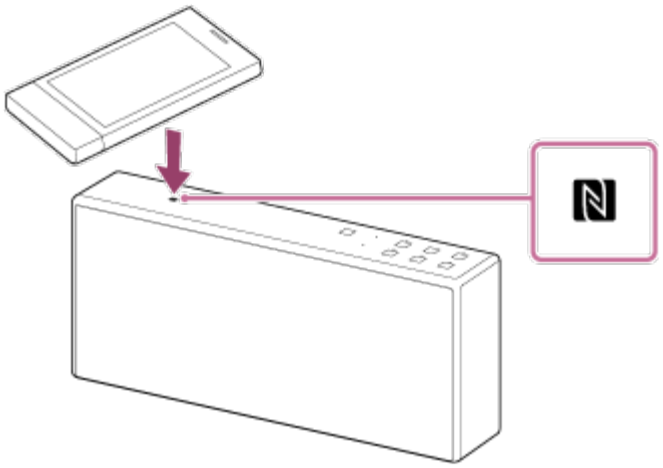
2. Install the application "SongPal" on your smartphone.
   Search for "SongPal" at Google Play™.

3. Turn on the speaker.
   The | / ⏻ (on/standby) indicator lights up in green, then the LINK indicator begins to flash.
   When you configure the settings of the speaker for the first time after purchase, or after you initialize the speaker, wait until the LINK indicator turns off (about a minute).

4. Start up "SongPal."
   Tap [SongPal] on your smartphone.

   Follow the on-screen instructions.

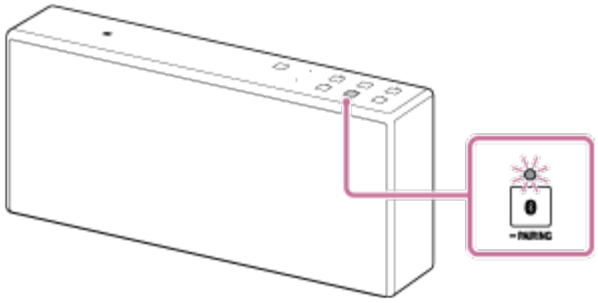
5. If your smartphone is NFC-compatible,touch the smartphone on the N-Mark of the speaker.
   Keep touching the smartphone on the N-Mark of the speaker until the smartphone responds (it may take a few seconds). In this case, proceed to step 7.



   If your smartphone is not NFC-compatible, proceed to step 6.

6. IF your smartphone is not NFC-compatible, make the BLUETOOTH connection between the speaker and the smartphone.
   i. Tap [Open the Bluetooth setting screen].

   ii. Tap the (BLUETOOTH) – PAIRING button once.
   The (BLUETOOTH) indicator begins to flash in white.

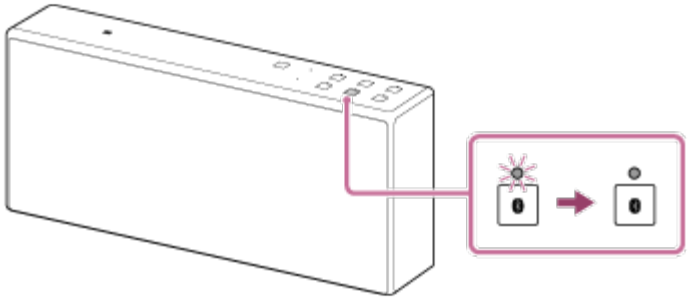


   From the factory, pairing information is not stored in the speaker. In this case, if you only tap the (BLUETOOTH) – PAIRING button, the (BLUETOOTH) indicator will begin to flash quickly in white and the speaker enters pairing mode automatically. In this case, proceed to step iv.

   iii. Tap and hold the (BLUETOOTH) – PAIRING button until beeps are heard.
   The (BLUETOOTH) indicator begins to flash quickly in white, and the speaker enters pairing mode.

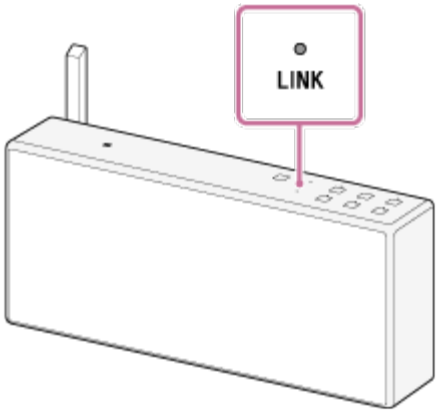
iv. Tap [SONY:SRS-X7 (Bluetooth)] on the smartphone's screen.
If [SONY:SRS-X7 (Bluetooth)] is not displayed, search for the device. For details, refer to the operating instructions of your smartphone.

7. Check that the (BLUETOOTH) indicator is lit.
When the BLUETOOTH connection is established, the (BLUETOOTH) indicator stays lit.



8. Configure the Wi-Fi settings, following the on-screen instructions of "SongPal."

9. Check that the LINK indicator lights up in green.
When the Wi-Fi connection is completed, the LINK indicator lights up in green.



The connection is complete.

Related Topic
Listening to music on a PC via a Wi-Fi network

Personal Audio System
SRS-X7

Connecting to a Wi-Fi network using "SongPal" (iPhone)

You can connect the speaker to a Wi-Fi network using "SongPal" installed on your iPhone.
First, make a BLUETOOTH connection between the speaker and the iPhone. Then configure the Wi-Fi settings.
Complete step 10 within 15 minutes after turning on the speaker. If the settings are not completed within 15 minutes, the speaker will turn off automatically.
Check the following before starting the operation.

- Connect your iPhone to the wireless router using IEEE 802.11b or IEEE 802.11g.
- Disconnect the LAN cable from the speaker.
- Place the speaker closer to the wireless router.
- Set the Wi-Fi antenna on the rear to the upright position.
- Set the NETWORK OFF/ON switch on the rear of the speaker to ON.

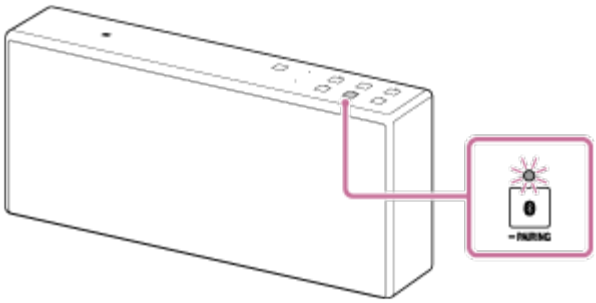
Before starting this procedure, be aware that the setting information of your Wi-Fi network will not be protected until the setting is complete. After the setting is complete, the setting information of your Wi-Fi network will be protected again when you set wireless LAN security.

1. Have the Wi-Fi network name (SSID) and password of the wireless router to be used available for reference.
   For the SSID and password, refer to the operating instructions of the wireless router.

2. Install the application "SongPal" on your iPhone.
   Search for "SongPal" at Google Play™.

3. Turn on the speaker.
   The | / ⏻ (on/standby) indicator lights up in green, then the LINK indicator begins to flash.
   When you configure the settings of the speaker for the first time after purchase, or after you initialize the speaker, wait until the LINK indicator turns off (about a minute).

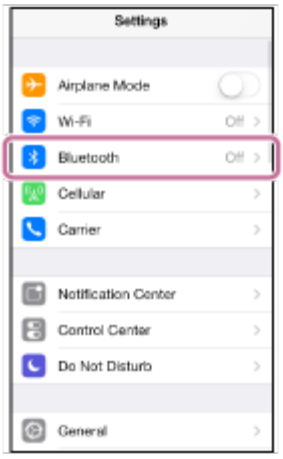
4. Tap the (BLUETOOTH) ▬ PAIRING button once.
   The (BLUETOOTH) indicator begins to flash in white.



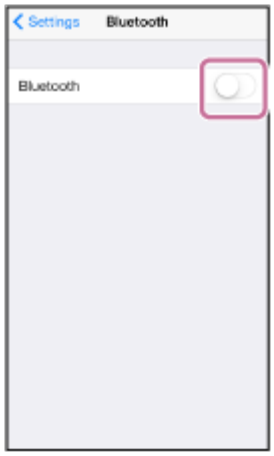
From the factory, pairing information is not stored in the speaker. In this case, if you only tap the (BLUETOOTH) PAIRING button, the (BLUETOOTH) indicator will begin to flash quickly in white and the speaker enters pairing mode automatically. In this case, proceed to step 6.

5. Tap and hold the (BLUETOOTH) PAIRING button until beeps are heard.
   The (BLUETOOTH) indicator begins to flash quickly in white, and the speaker enters pairing mode.

6. Search the speaker by the iPhone.
   i. Tap [Settings].
   ii. Tap [Bluetooth].

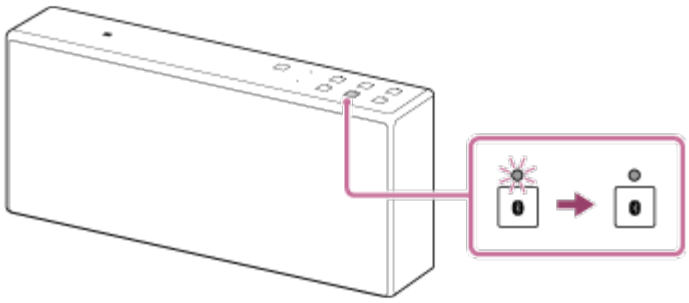


   iii. Tap[ ]to turn on BLUETOOTH.



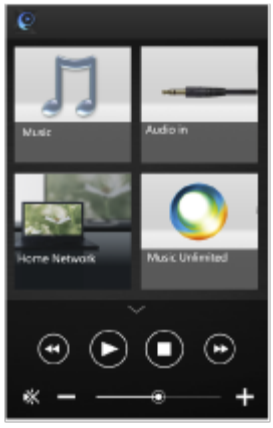
   iv. Tap [SONY:SRS-X7(Bluetooth)].

7. Check that the (BLUETOOTH) indicator is lit.
   When the BLUETOOTH connection is established, the (BLUETOOTH) indicator stays lit.



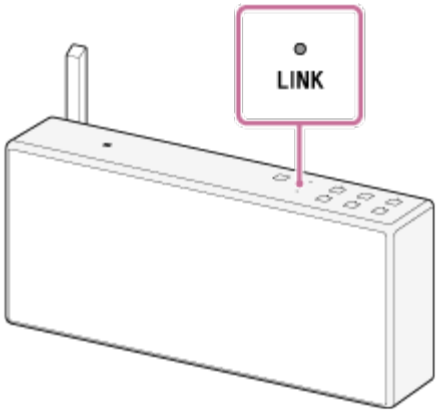
8. Start up "SongPal."
   Tap [SongPal] on your iPhone.

   The home screen of "SongPal" is displayed.
   Follow the on-screen instructions.



9. Configure the Wi-Fi settings, following the on-screen instructions of "SongPal."

10. Check that the LINK indicator lights up in green.
    When the Wi-Fi connection is completed, the LINK indicator lights up in green.



The connection is complete.

Related Topic
Listening to music on a PC via a Wi-Fi network

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

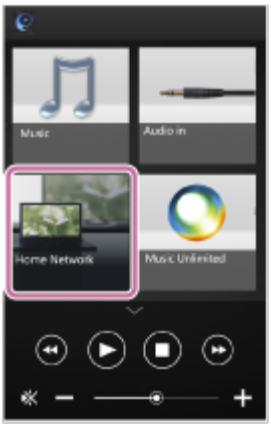
Personal Audio System
SRS-X7

Listening to music on a PC via a Wi-Fi network

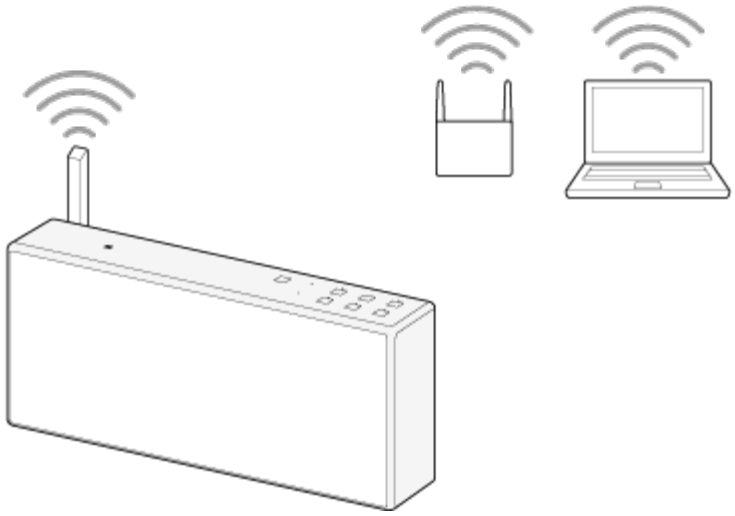
You can use the "SongPal" installed on your smartphone/iPhone as a DLNA controller (operating device). This application allows you to select/play music on a PC.
To listen to music on the PC, it is necessary to set the PC as a DLNA server.

1. Set up your PC as a DLNA server.
   For details about settings, refer to the topic in "Related Topic" described below.
2. Start up "SongPal."
   Tap [SongPal] on your smartphone/iPhone.

3. Tap [Home Network].



4. Select the DLNA server following the on-screen instructions.
   Following the on-screen instructions of "SongPal," select the PC in which music is stored.
5. Select a song from the list and start playback.



Music in your PC will be heard from the speaker.

Related Topic
●Setting your PC as a DLNA server and controller (Windows 8) ●Setting your PC for operating from the DLNA controller (Windows 8) ●Setting your PC as a DLNA server and controller (Windows 7) ●Setting your PC as a DLNA server (Windows Vista)

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

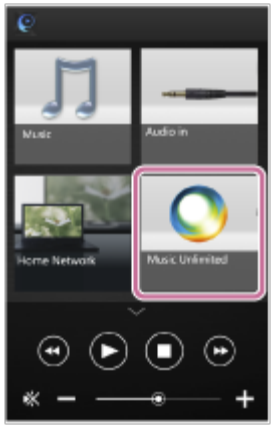
Personal Audio System
SRS-X7

Listening to various Internet music streaming (music service)

You can use various Internet music streaming offered on the Internet, using the "SongPal" installed on your smartphone/iPhone as the controller without using a computer.
About the settings of Music Unlimited, refer to the following URL:
http://munlimited.com/home/

1. Start up "SongPal."
   Tap [SongPal] on your smartphone/iPhone.

2. Select a music service.
   Tap the desired music service.

   The selected music service starts, and a list of playable music is displayed.

3. Select the desired content and start playback.
   Music will be heard from the speaker.

Notes on use

4-537-384-11(2)
Copyright 2014 Sony Corporation

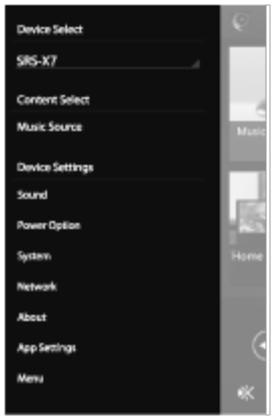
Personal Audio System
SRS-X7

Setting the sound quality

You can easily customize the sound of the speaker or use Sony's recommended "ClearAudio+" setting using "SongPal" installed on your smartphone/iPhone.

1. Start up "SongPal."
   Tap [SongPal] on your smartphone/iPhone.

2. Flick right on the "SongPal" screen.
   The setting menu is displayed.

3. Tap [Sound].

4. Select the desired setting and set the sound quality.
   You can set the following sound settings.
   - ClearAudio+
     You can enjoy Clear Audio+ mode (Sony-recommended sound quality). ClearAudio+ mode is set as the default.
   - Equalizer
     You can set the sound quality according to the music genre.
   - Wide Stereo
     You can set the surround sound level to "Normal" or "High."

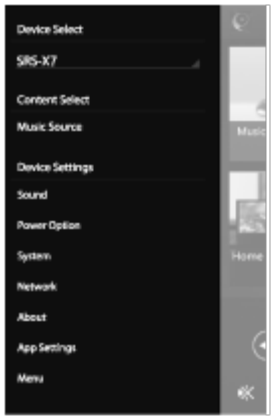
Personal Audio System
SRS-X7

Setting the auto standby function

You can turn on/off the auto standby and the BLUETOOTH/Network standby functions of the speaker, using "SongPal" installed on your smartphone/iPhone.

1. Start up "SongPal."
   Tap [SongPal] on your smartphone/iPhone.

2. Flick right on the "SongPal" screen.
   The setting menu is displayed.



3. Tap [Power Option].

4. Select the desired setting item, and configure the setting.
   You can set the following.
   - Network Standby
     You can turn on/off the BLUETOOTH/Network standby function of the speaker.
   - Auto Standby
     You can turn on/off the auto standby function of the speaker.
     When you turn the auto standby function off, the standby function and the BLUETOOTH/Network standby function will not work unless the | / ⏻ (on/standby) button on the speaker is pressed.

Related Topic

- Using the BLUETOOTH/Network standby function
- Auto standby function
- Differences of standby modes

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

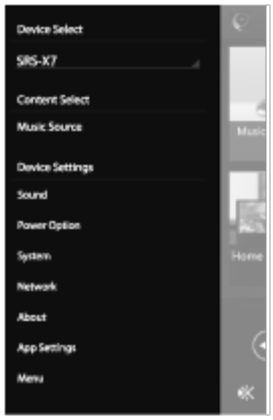
Personal Audio System
SRS-X7

Checking the battery level

You can check the battery level of the speaker using the "SongPal" installed on your smartphone/iPhone.

1. Start up the "SongPal".
   Tap [SongPal] on your smartphone/iPhone.

2. Flick right on the "SongPal" screen.
   The setting menu is displayed.



3. Tap [Power Option].

4. Check [Battery Level] on the screen.
   The battery level of the speaker is displayed.

Related Topic

- Connecting to an AC outlet
- Charging USB devices, such as smartphones

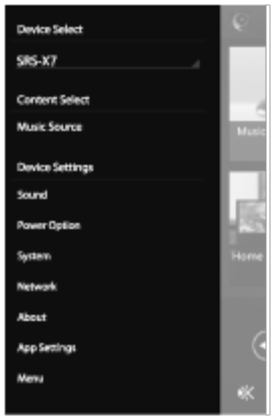
Personal Audio System
SRS-X7

Setting the BLUETOOTH audio streaming playback quality

You can select the BLUETOOTH audio streaming playback quality of the speaker using the "SongPal" installed on your smartphone/iPhone.

1. Start up "SongPal."
   Tap [SongPal] on your smartphone/iPhone.

2. Flick right on the "SongPal" screen.
   The setting menu is displayed.



3. Tap [Other Settings].
4. Tap [Bluetooth Codec] and select the desired codec.
   You can set the following.
   - Auto: Optimal codec is automatically selected from AAC, aptX, and SBC.
   - SBC: SBC is selected.

Note

- If the playback quality setting is changed with the speaker turned on, the BLUETOOTH connection is terminated once. In this case, connect the BLUETOOTH device manually again. After reconnecting, the playback quality is switched.

Related Topic

- Selecting the BLUETOOTH audio streaming playback quality

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

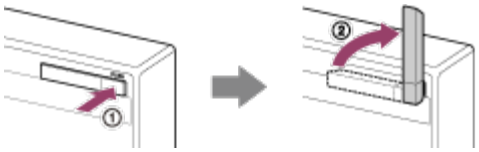
Selecting the method of network connection

Set the network after checking your network environment.

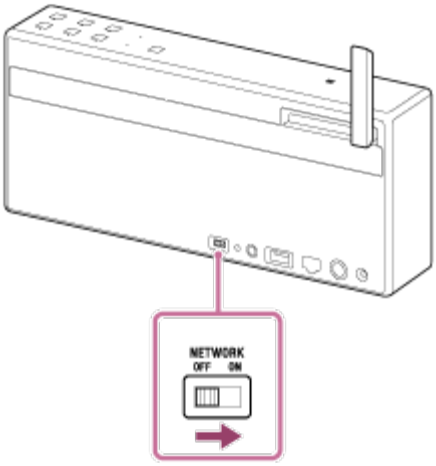
To connect to a Wi-Fi network

Select the appropriate connecting method for your network environment from below.
Check the following before starting the operation.

- Disconnect the LAN cable from the speaker.
- Place the speaker closer to the wireless router.
- Set the Wi-Fi antenna on the rear to the upright position.



- Set the NETWORK OFF/ON switch on the rear to ON.



Connecting to a Wi-Fi network using the dedicated application "SongPal"

Download the dedicated application "SongPal," to your smartphone or iPhone. This application provides Wi-Fi connection setup with the speaker, and allows you to select/play music in a PC.
For details, refer to "SongPal."

Connecting to a Wi-Fi network using the WPS button of the wireless router

If your wireless router has a WPS button, connect to the Wi-Fi network by this method.
To check if your wireless router is compatible with WPS (Wi-Fi Protected Setup), refer to the operating instructions of your router.

Connecting to a Wi-Fi network using a computer

If your wireless router does not have a WPS button, use your computer to connect the speaker to the Wi-Fi network. Select one of the connecting methods from below.

- Connecting to a Wi-Fi network using a computer connected with a LAN cable
- Connecting to a Wi-Fi network using a computer connected wirelessly

To connect to a wired network

Connecting to a wired network

Connect the speaker to a wireless router with a LAN cable, then connect the wireless router and computer.

To turn off the wireless function

With the speaker turned on, press and hold both the NETWORK button and WPS button. When the (BLUETOOTH) and NETWORK indicators begin to flash at the same time, the wireless function turns off. To turn on the wireless function, do the above again.

Note

- If you turn off the wireless function, the Wi-Fi network, BLUETOOTH and NFC functions will not be available.

Related Topic
Connecting to a Wi-Fi network using "SongPal" (Smartphone)
Connecting to a Wi-Fi network using "SongPal" (iPhone)
Checking the Wi-Fi signal strength (reception sensitivity)

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

DLNA (Digital Living Network Alliance)

You can listen to music stored in a DLNA server (PC etc.) on a home network using the speaker.
By connecting DLNA-compatible digital devices with each other on the network, you can play back a music stored in a DLNA server by using a DLNA controller.
To use the PC as a DLNA server or controller, it is necessary to set the PC.

To listen to music in a DLNA server (PC etc.) by operating a smartphone/iPhone

Download the dedicated application "SongPal" to your smartphone/iPhone.
This application provides Wi-Fi connection setup with the speaker, and allows you to select/play music in the PC.
For details, refer to "SongPal."

To listen to music in a DLNA server using your PC as a controller

You can play back music stored in a DLNA server by operating your PC.
Start Windows Media Player on your PC, then play back music by using the [Play To] function (Windows 8) or the [Remote Play] function (Windows 7). Follow the on-screen instructions to operate.
To use the PC as a DLNA server or controller, it is necessary to set the PC.

Hint

- You need the DLNA controller to listen to music stored in a Windows Vista PC with the speaker.
  For details, refer to the operating instructions of the PC.

Note

- The speaker can play MP3, Linear PCM, WMA, AAC, WAV, FLAC, ALAC and AIFF format files (only AAC files with the extension ".m4a," ".mp4," or ".3gp" are playable). Even if the bit rate and file format are supported, the playback of all files is not guaranteed.
- Files with DRM (Digital Rights Management) copyright protection cannot be played on the speaker. To check if a WMA file is protected by DRM, right-click the file on the PC. If there is a [License] tab, the file is DRM-copyrighted.
- When you listen to music via a home network, it may take some time, since each DLNA-compatible device has to recognize the component currently used.
- You may not be able to play back some content of DLNA certified products.

Related Topic

- Listening to music on a PC via a Wi-Fi network

Personal Audio System
SRS-X7

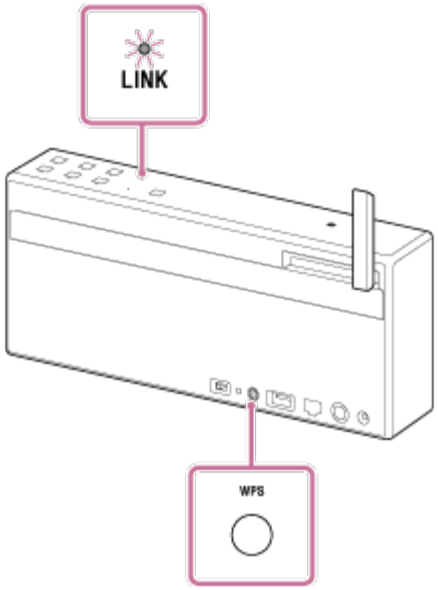
Connection method 1: Connecting to a Wi-Fi network using the WPS button of a wireless router

If your wireless router has a WPS button, you can connect to the Wi-Fi network by the following method.
To check if your wireless router is compatible with WPS (Wi-Fi Protected Setup), refer to the operating instructions of your router.
Check the following before starting the operation.

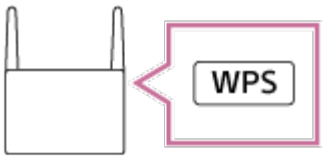
- Disconnect the LAN cable from the speaker.
- Place the speaker near the wireless router.
- Set the Wi-Fi antenna on the rear in the upright position.
- Set the NETWORK OFF/ON switch on the rear of the speaker to ON.

1. Turn on the speaker.
   The I / ⏻ (on/standby) indicator lights up in green, then the LINK indicator begins to flash.
   When you configure the settings of the speaker for the first time after purchase, or after you initialize the speaker, wait until the LINK indicator turns off (about a minute).

2. Press and hold the WPS button on the rear of the speaker until a beep sound is heard (for about 3 seconds).
   The LINK indicator flashes in green.

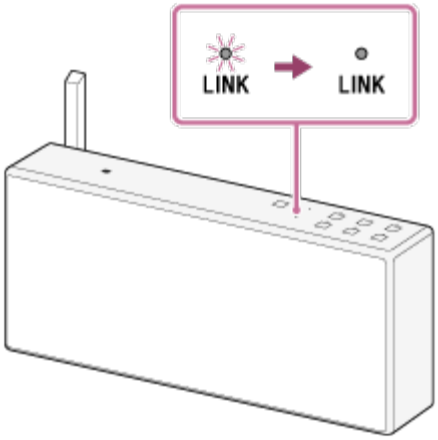


3. Press the WPS button of the wireless router for more than 3 seconds.
   Operate within 90 seconds after pressing the WPS button of the speaker.



*The position and shape of the WPS button differ depending on the wireless router.

4. Check that the LINK indicator changes from flashing to staying lit in green.
   When the Wi-Fi connection is completed, the LINK indicator lights up in green.



The connection is complete.

If the LINK indicator lights up in red

The speaker failed to connect to the Wi-Fi network. Wait until the LINK indicator changes to staying lit in red, and try connecting again.

Hint

- For details on the WPS button of your wireless router, refer to its operating instructions.
- If the Wi-Fi connection fails even if you try several times, initialize the speaker and delete the setting information of the Wi-Fi connection, then try connecting again.

Note

- While a LAN cable is connected to the speaker, the speaker cannot connect to a Wi-Fi network.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

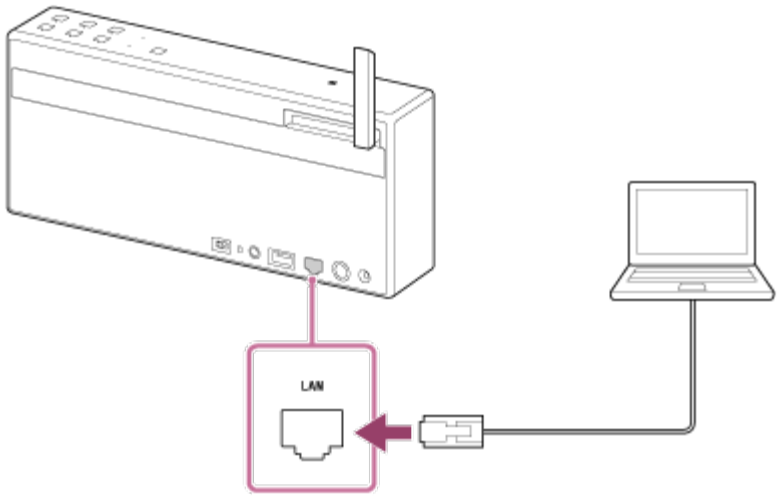
Personal Audio System
SRS-X7

Connection method 2: Connecting to a Wi-Fi network using a computer connected with a LAN cable

This section describes the method to connect the speaker with a LAN cable (not supplied), and to connect the wireless router using a computer.
Check the following before starting operation.

- Place the speaker closer to the wireless router.
- Set the Wi-Fi antenna on the rear to the upright position.
- Set the NETWORK OFF/ON switch on the rear to ON.

1. Have the Wi-Fi network name (SSID) and password of the wireless router to be used available for reference.
   For the SSID and password, refer to the operating instructions of the wireless router.
2. Connect the computer to the LAN port with a LAN cable (not supplied).



3. Turn on the speaker.
   The | / ⏻ (on/standby) indicator lights up in green, then the LINK indicator begins to flash.
   Wait about 3 minutes until the LINK indicator lights up in orange.
4. Display the [Sony Network Device Setting] screen on the computer.
   i. Launch a browser.
   ii. Enter the following URL in the address bar.
   http://169.254.1.1

5. Select the language from [Language Setup].

6. Select [Network Settings] from the menu.

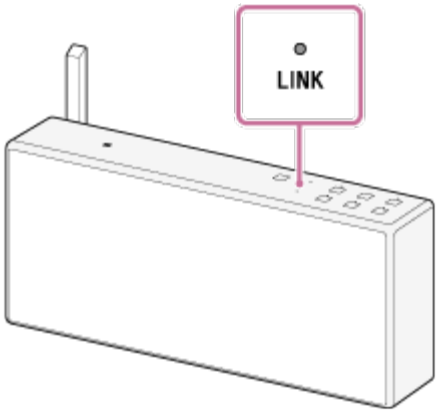
If the above screen does not appear, disconnect your computer from the wireless Internet connection.

7. Select the SSID of the wireless router, and enter the password.

8. Select [Apply].

9. According to the computer screen, unplug the LAN cable from the speaker.

10. Check that the LINK indicator lights up in green.
    When the Wi-Fi connection is completed, the LINK indicator lights up in green.



The connection is complete.

If the LINK indicator lights up in red

The speaker failed to connect to the Wi-Fi network. Wait until the LINK indicator changes to stay lit in red, and try connecting again.

Hint

- If the Wi-Fi connection fails even if you try several times, initialize the speaker and delete the setting information of the Wi-Fi connection, then try connecting again.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

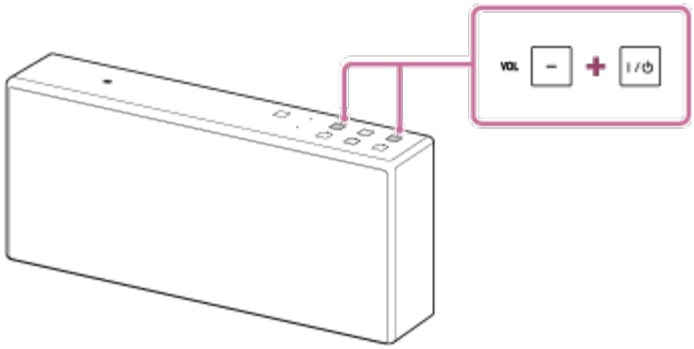
Connection method 3: Connecting to a Wi-Fi network using a PC connected wirelessly (Windows 8 UI)

Note that the speaker should be initialized to the factory default for this connection. All BLUETOOTH device registration (pairing) information are deleted.
This section describes how to connect a Windows 8 UI PC and the speaker wirelessly, then connect to a wireless router, using the PC.
Check the following before starting the operation.

- Disconnect the LAN cable from the speaker.
- Place the speaker closer to the wireless router.
- Set the Wi-Fi antenna on the rear to the upright position.
- Set the NETWORK OFF/ON switch on the rear of the speaker to ON.

1. Have the Wi-Fi network name (SSID) and password of the wireless router available for reference.
   For details, refer to the operating instructions of your wireless router.

2. With the speaker turned on, press and hold the VOL (volume) – button and the | / ⏻ (on/standby) button at the same time for more than 5 seconds.



   The power of the speaker turns off automatically. The settings of the speaker return to their factory defaults, and network settings and all BLUETOOTH device registration (pairing) information are deleted.

3. Turn on the speaker.
   The | / ⏻ (on/standby) indicator lights up in green, then the LINK indicator begins to flash.
   When you configure the settings of the speaker for the first time after purchase, or after you initialize the speaker, wait until the LINK indicator turns off (about a minute).

4. Connect the speaker to the PC.
   i. Move the mouse pointer to the top-right (or bottom-right) corner of the Start screen to display the charms, then select [Settings]. In the case of a touch panel, display the charms by swiping from the right side of the Start screen, then select [Settings].

ii. Select the icon or icon.

iii. Select [Sony_Wireless_Audio_Setup] from the network list.

5. Display the [Sony Network Device Setting] screen.

   i. Launch a browser.

   ii. Enter the following URL in the address search bar.
   http://192.168.100.1

6. Select the language from [Language Setup].

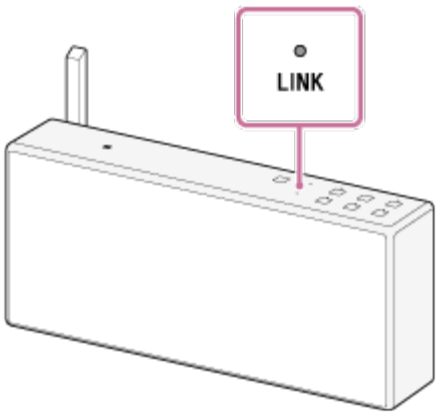
7. Select [Network Settings] from the menu.

8. Select the SSID of the wireless router, and enter the password.

9. Select [Apply].

10. Select [OK] in the displayed window.

11. Check that the LINK indicator lights up in green.
    When the Wi-Fi connection is completed, the LINK indicator lights up in green.



    The connection is complete.

12. Connect the PC to the wireless router to be used.

Hint

- If you want to set a fixed IP address, set in the screen in step 7 above.

Note

- This procedure needs to be completed within 10 minutes. If you cannot complete within 10 minutes, start over from step 2.
- Until you finish the Wi-Fi network setting, it will not be protected. The Wi-Fi network will be protected again after setting the Wi-Fi security.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

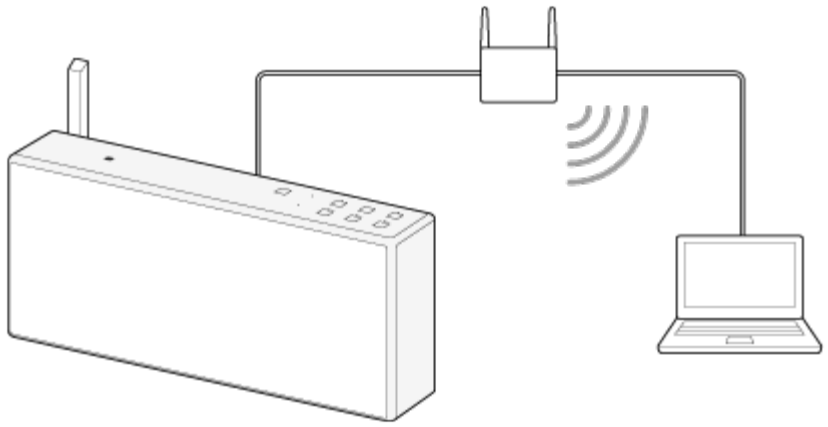
Personal Audio System
SRS-X7

Connection method 4: Connecting to a wired network

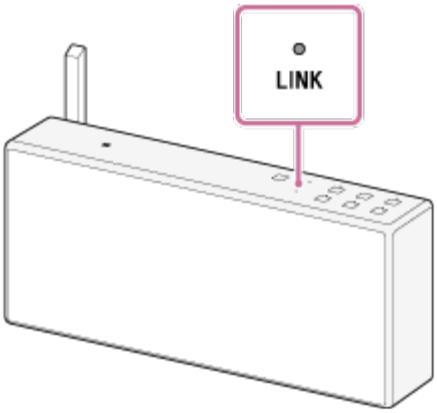
This section describes how to connect the speaker to a wireless router with a LAN cable (not supplied), then connect the router to the computer.
Usually, the DHCP setting is set to ON when you connect your computer to the network.
Set the DHCP setting of your computer to ON in advance.
Check the following before starting the operation.

- Set the NETWORK OFF/ON switch on the rear to ON.

1. Check whether your computer and wireless router are turned on.
2. Connect the wireless router to the LAN port with a LAN cable (not supplied).
3. Connect the wireless router to your computer using another LAN cable (not supplied), or Wi-Fi connection.



4. Turn the speaker on.
   The | / ⏻ (on/standby) indicator lights up in green, then the LINK indicator begins to flash in orange.
   When the connection is completed, the LINK indicator changes from flashing to staying lit in orange.



Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

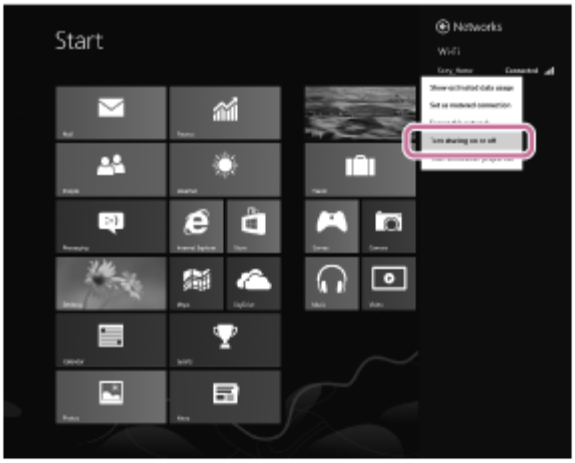
Personal Audio System
SRS-X7

Setting your PC as a DLNA server and controller (Windows 8)

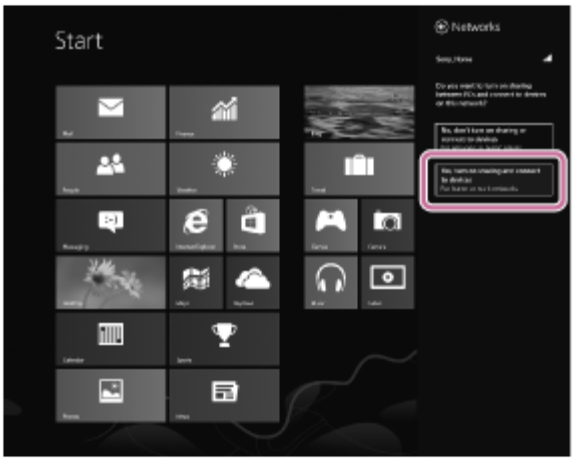
Windows 8 supports DLNA1.5. A Windows 8 PC can be used as both a DLNA server and controller.
By operating from a Windows 8 PC, you can enjoy music stored in a DLNA server (including a Windows 8 PC) on your home network with the speaker if you set the following.
If you download the dedicated application "SongPal" to your smartphone/iPhone and operate a Windows 8 PC, perform "Setting your PC for operating from the DLNA controller (Windows 8)."

1. Move the mouse pointer to the top-right (or bottom-right) corner of the Start screen to display the charms, then select [Settings].
   In the case of a touch panel, display the charms by swiping from the right side of the Start screen, then select [Settings].

2. Select the or icon.
3. Right-click the name of the connected network or press and hold it, then select [Turn sharing on or off].



4. Select [Yes, turn on sharing and connect to devices].



Related Topic

- Setting your PC for operating from the DLNA controller (Windows 8)
- Listening to music on a PC via network connection (Windows 8) (Windows Media Player)
- Listening to music on a PC via network connection (Media Go)
- Listening to music on a PC via a Wi-Fi network

Notes on use

4-537-384-11(2)

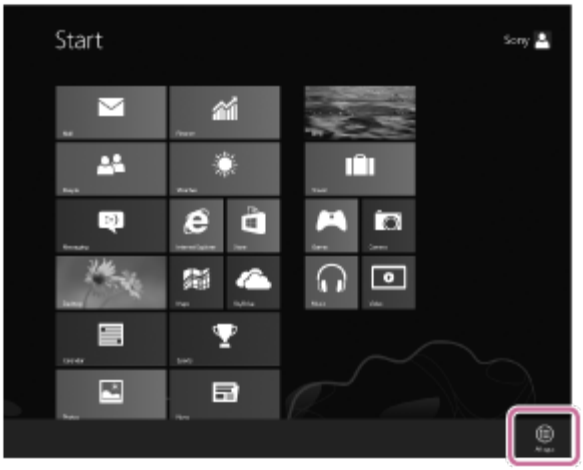
Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

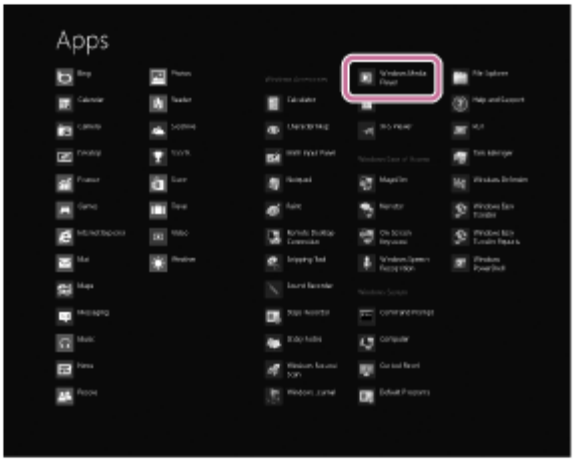
Setting your PC for operating from the DLNA controller (Windows 8)

By operating from the DLNA controller on your home network, you can enjoy music stored in a Windows 8 PC on your home network with the speaker if you set the following.
If you download the dedicated application "SongPal" to your smartphone/iPhone and operate a Windows 8 PC, perform the following settings.

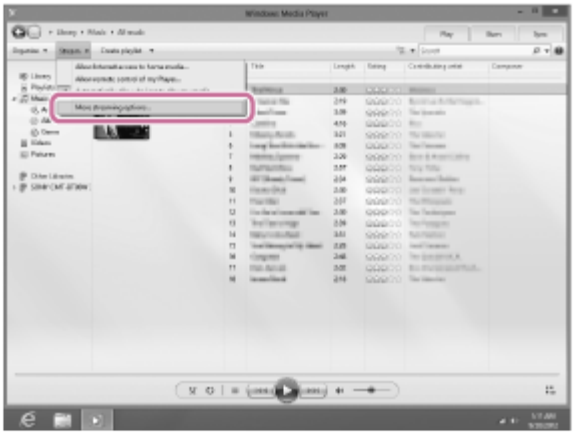
1. Right-click on the Start screen.
   In the case of a touch panel, swipe the Start screen from the bottom to the top, and select [All apps] at the bottom-right of the screen.



2. Select [Windows Media Player].

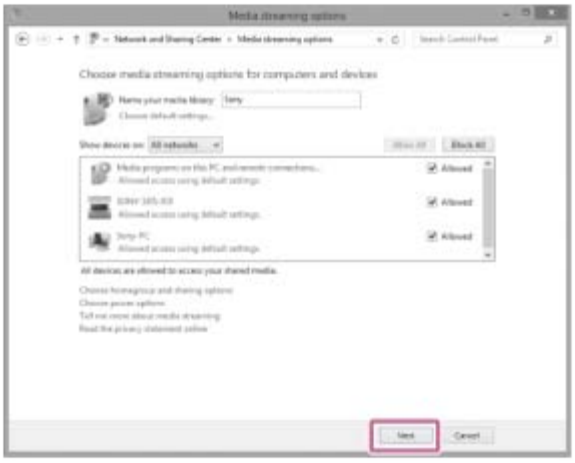


3. Click or tap [Stream], then select [More streaming options].



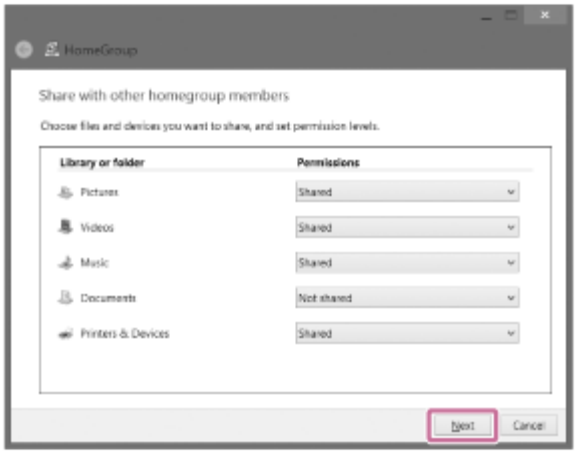
If [More streaming options] does not appear, select [Turn on media streaming...]. Then select [Turn on media streaming] on the [Media streaming options] screen.

4. Check if all devices are allowed, then select [Next].



If not, select [Allow All], then the [Allow All Media Devices] screen appears.
Select [Allow all PCs and Media Devices].

5. Check if [Music] is set to [Shared], then select [Next].



6. Select [Finish] to close the screen.

7. Select [Stream], then check if [Automatically allow devices to play my media...] has been ticked.
The setting is now complete. You can listen to music stored in your PC, using the DLNA controller.

Related Topic

- Setting your PC as a DLNA server and controller (Windows 8)
- Listening to music on a PC via a Wi-Fi network

Notes on use

4-537-384-11(2)

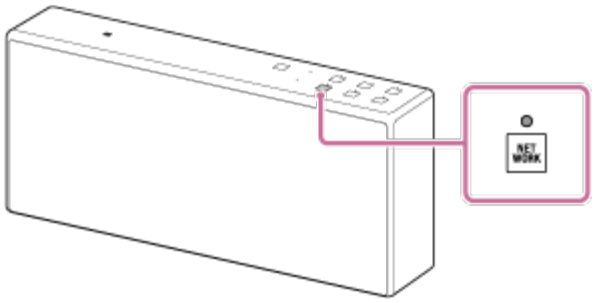
Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Listening with the AirPlay function (iTunes)

You can enjoy sound stored in Mac/PC with iTunes wirelessly by using AirPlay.
Update iTunes to the latest version in advance.

1. Connect the speaker and Mac/PC with iTunes to your network.
   The LINK indicator lights up in green or orange when the connection is complete.
2. Tap the NETWORK button.
   The NETWORK indicator lights up in white, and the speaker switches to NETWORK mode.



   The speaker can also be switched to NETWORK mode automatically, instead of tapping the NETWORK button, by selecting the speaker in the AirPlay menu of iTunes and then playing back music.
3. Select the icon on the iTunes window.

4. Select [SONY:SRS-X7] on the AirPlay menu of iTunes.

5. Start playing back music on iTunes, and adjust the volume.

The speaker starts playing back the selected song.
If playback does not start, perform the process again from step 3.

Hint

- The procedure explained above is for guideline purposes. For details, refer to the operating instructions supplied with the device.
- After the dedicated application "SongPal" is downloaded and installed to your smartphone/iPhone, you can use your smartphone/iPhone as a remote control to operate components connected to the speaker.
- The volume level set by the VOL (volume) -/+ buttons of the speaker and that set in iTunes are linked.
- For details on how to operate iTunes, refer to the help documentation of iTunes.

Note

- Loud sound may be output from the speaker if you set the volume too high in iTunes.
- In some cases, the volume level of iTunes might not link with the volume level of the speaker.

Related Topic

- Using the BLUETOOTH/Network standby function
- Listening to music on a device via BLUETOOTH connection

Notes on use

4-537-384-11(2)

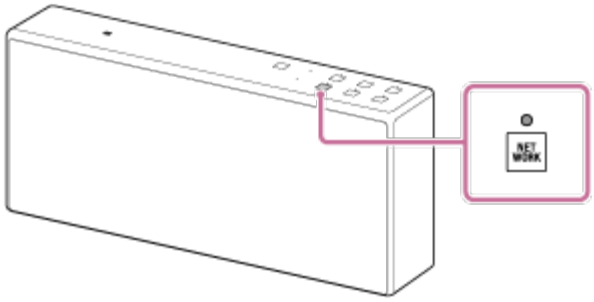
Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

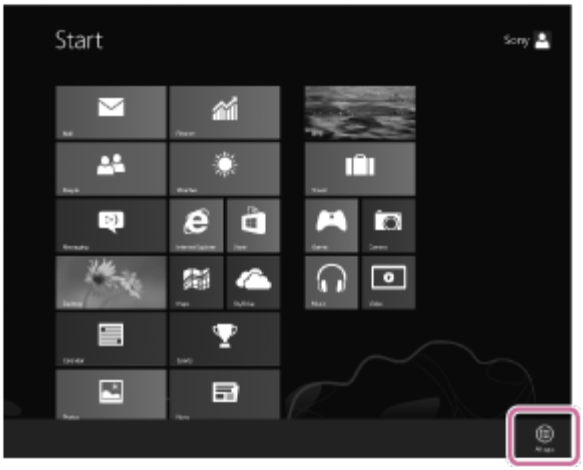
Listening to music on a PC via network connection (Windows 8) (Windows Media Player)

You can use a PC as a controller (operating device).
Music can be played back by using the [Play To] function, after starting Windows Media Player. Follow the instructions on the PC screen to operate.

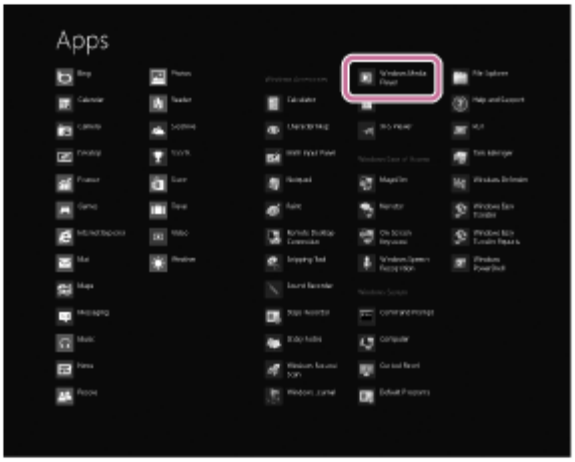
1. Connect the speaker and PC to your network.
   The LINK indicator lights up in green or orange when the connection is complete.
2. Tap the NETWORK button.
   The NETWORK indicator lights up in white, and the speaker switches to NETWORK mode.



   The speaker can also be switched to NETWORK mode automatically, instead of tapping the NETWORK button, by playing back music using the [Play To] function, after starting Windows Media Player.
3. Right-click on the Start screen of the PC.
   In the case of a touch-panel, swipe from the bottom to the top on the Start screen, then select [All Apps] at the bottom-right of the screen.

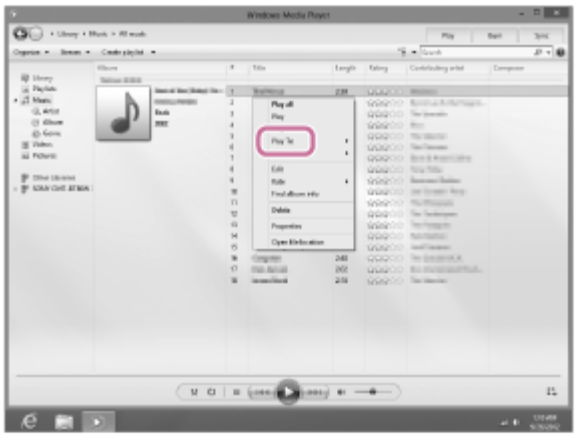


4. Select [Windows Media Player].



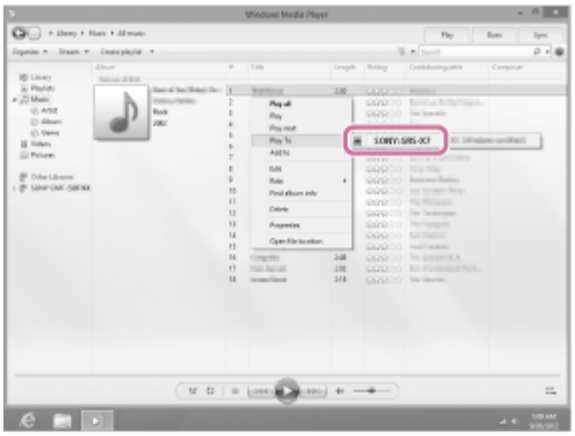
5. Right-click or press and hold a song to be played.

6. Select [Play To] from the menu.



The device list appears.

7. Select [SONY:SRS-X7].



8. Play back the selected song, and adjust the volume.
The speaker plays back the selected song.

Hint

- After the dedicated application "SongPal" is downloaded and installed to your smartphone/iPhone, you can use your smartphone/iPhone as a remote control to operate components connected to the speaker.

Note

- Normally, the volume level between a computer and the speaker does not link. However, depending on the version of the Windows Media Player installed on a computer or the computer's condition, the volume levels may link with each other.
- The speaker can play MP3, Linear PCM, WMA, AAC, WAV, FLAC, ALAC and AIFF format files (only AAC files with the extension ".m4a," ".mp4," or ".3gp" can be played). Even if the bit rate and file format are supported, the playback of all files is not guaranteed.
- Files with DRM (Digital Rights Management) copyright protection cannot be played on the speaker. To check if a WMA file is protected by DRM, right-click the file on the PC. If there is a [License] tab, the file is DRM-copyrighted.
- When you listen to music via a home network, it may take some time, since each DLNA-compatible device has to recognize the component currently used.
- Some content may not be playable with DLNA certified products.

Related Topic

- Using the BLUETOOTH/Network standby function
- Setting your PC as a DLNA server and controller (Windows 8)
- Listening to music on a PC via a Wi-Fi network

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

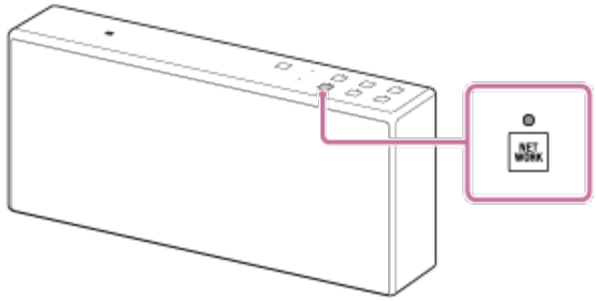
Personal Audio System
SRS-X7

Listening to music on a PC via network connection (Media Go)

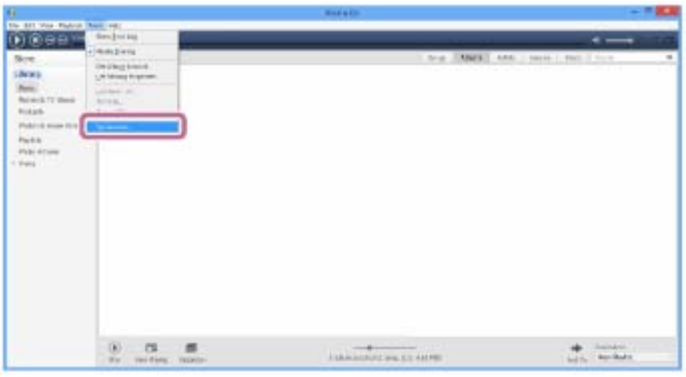
[Music] in [Library] of Media Go can be shared by setting Media Go installed on your PC as a home network server. You can listen to music on your PC from the speaker via a Wi-Fi network by using the "SongPal" installed on your smartphone/iPhone as a DLNA controller.

Before listening to music, connect your smartphone/iPhone installed with "SongPal" to the same network that the speaker and PC are connected to.

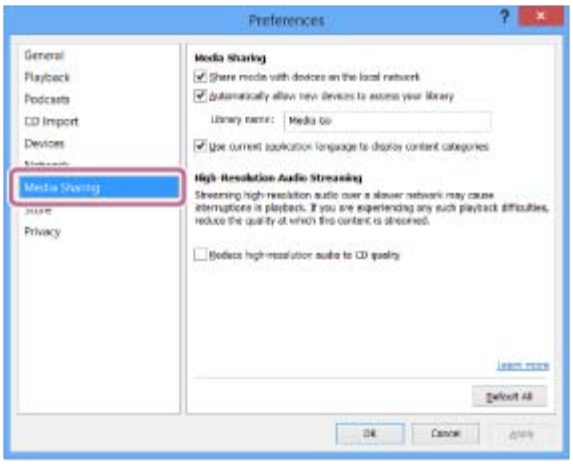
1. Connect the speaker and PC to your network.
   The LINK indicator lights up in green (when connecting to a Wi-Fi network) or orange (when connecting to a wired network) when the connection is complete.
2. Tap the NETWORK button.
   The NETWORK indicator lights up in white, and the speaker switches to NETWORK mode.



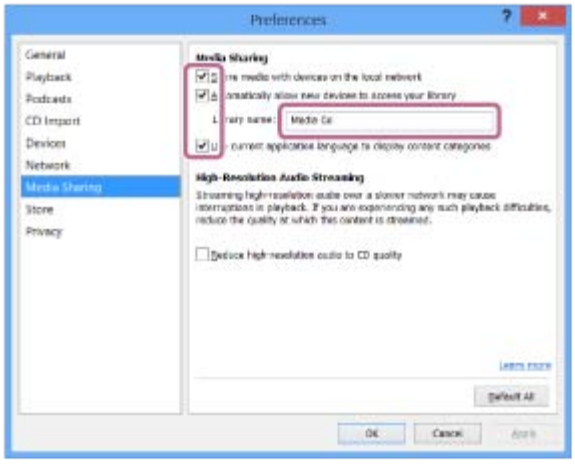
3. Start [Media Go] installed on the PC.
4. Select [Preferences...] from the [Tools] menu.



5. Select [Media Sharing] on the [Preferences...] screen.

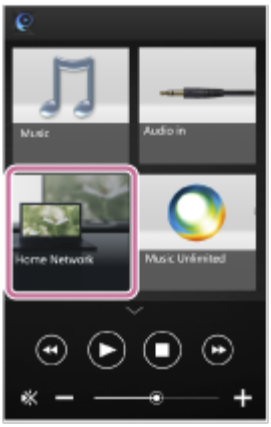


6. Check [Library name] of [Media Sharing].
   You can change [Library name] to any name.
   Make sure that a check mark is in all three items of [Media Sharing].



7. Start up "SongPal" to select music on the PC.
   Tap [SongPal] on your smartphone/iPhone.

8. Tap [Home Network].



9. Select the same name as [Library name] checked in step 6 from the server list that appeared on the screen.

10. Select [Music], then select a song from the list, and start playback.
    The playback of the video and photo are not supported.

    The speaker plays back the selected song.

11. Adjust the volume using "SongPal."

Note

- Before listening to music, connect your smartphone/iPhone installed with "SongPal" to the same network that the speaker and PC are connected to.
- The speaker can play MP3, Linear PCM, WMA, AAC, WAV, FLAC, ALAC and AIFF format files (only AAC files with the extension ".mp4," or ".3gp" can be played). Even if the bit rate and file format are supported, the playback of all files is not guaranteed.
- Files with DRM (Digital Rights Management) copyright protection cannot be played on the speaker. To check if a WMA file is protected by DRM, right-click the file on the PC. If there is a [License] tab, the file is DRM-copyrighted.
- When you listen to music via a home network, it may take some time, since each DLNA-compatible device has to recognize the component currently used.
- Some content may not be playable with DLNA certified products.

Related Topic
Listening to music on a PC via a Wi-Fi network

Personal Audio System
SRS-X7

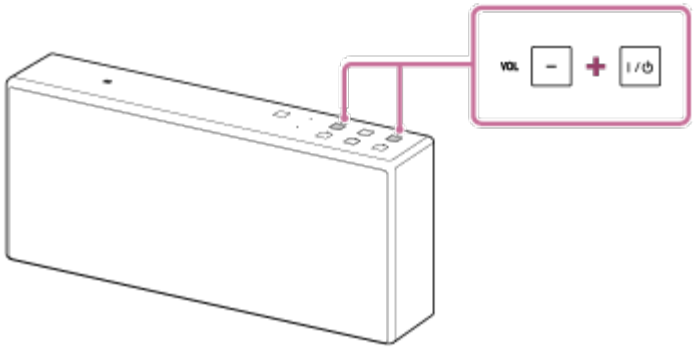
Connection method 3: Connecting to a Wi-Fi network using a PC connected wirelessly (Windows 7/Windows 8)

Note that the speaker should be initialized to the factory default for this connection. All BLUETOOTH device registration (pairing) information are deleted.
This section describes how to connect a Windows 7 or Windows 8 PC and the speaker wirelessly, then connect to a wireless router using the PC.
Check the following before starting the operation.

- Disconnect the LAN cable from the speaker.
- Place the speaker near the wireless router.
- Set the Wi-Fi antenna on the rear to the upright position.
- Set the NETWORK OFF/ON switch on the rear to ON.

1. Have the Wi-Fi network name (SSID) and password of the wireless router available for reference.
   For details, refer to the operating instructions of your wireless router.

2. With the speaker turned on, press and hold the VOL (volume) – button and the | / ⏻ (on/standby) button at the same time for more than 5 seconds.



   The power of the speaker turns off automatically. The settings of the speaker return to their factory defaults, and network settings and all BLUETOOTH device registration (pairing) information are deleted.

3. Turn on the speaker.
   The | / ⏻ (on/standby) indicator lights up in green, then the LINK indicator begins to flash.
   When you configure the settings of the speaker for the first time after purchase, or after you initialize the speaker, wait until the LINK indicator turns off (about a minute).

4. Connect the speaker to the PC.
   i. Click or tap the desktop on the Start screen.
   ii. Select the or icon.

iii. Select [Sony_Wireless_Audio_Setup] from the network list.

5. Display the [Sony Network Device Setting] screen.
   i. Launch a browser.
   ii. Enter the following URL in the address bar.
   http://192.168.100.1

6. Select the language from [Language Setup].

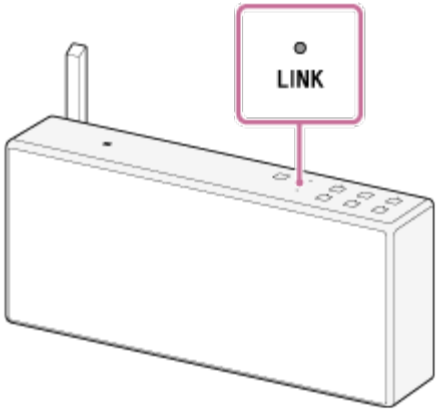
7. Select [Network Settings] from the menu.

8. Select the SSID of the wireless router, and enter the password.

9. Select [Apply].

10. Select [OK] in the displayed window.

11. Check that the LINK indicator lights up in green.
    When the Wi-Fi connection is completed, the LINK indicator lights up in green.



    The connection is complete.

12. Connect the PC to the wireless router to be used.

Hint

- If you want to set a fixed IP address, set in the screen in step 7 above.

Note

- This procedure needs to be completed within 10 minutes. If you cannot complete within 10 minutes, start over from step 2.
- Until you finish the Wi-Fi network setting, it will not be protected. The Wi-Fi network will be protected again after setting the Wi-Fi security.

Notes on use

4-537-384-11(2)

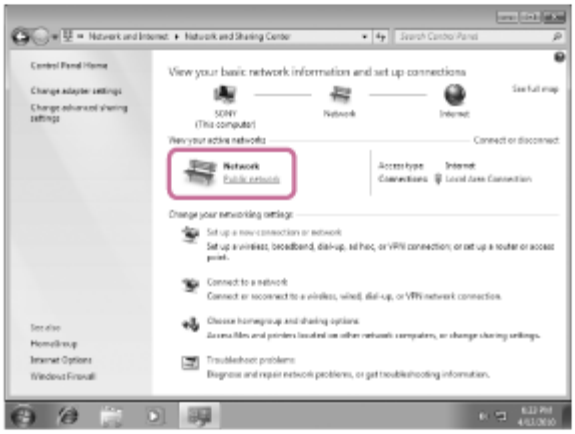
Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

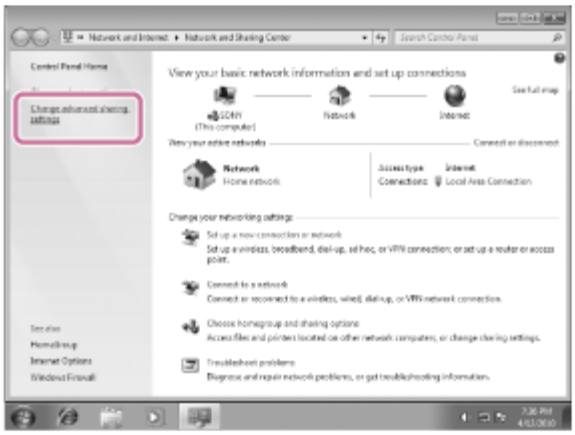
Setting your PC as a DLNA server and controller (Windows 7)

Windows 7 supports DLNA1.5. Windows 7 PC can be used as both DLNA server and controller.
By operating from a Windows 7 PC and DLNA controller on your home network, you can enjoy music stored in a DLNA server (including a Windows 7 PC) on your home network with the speaker if you set the following.

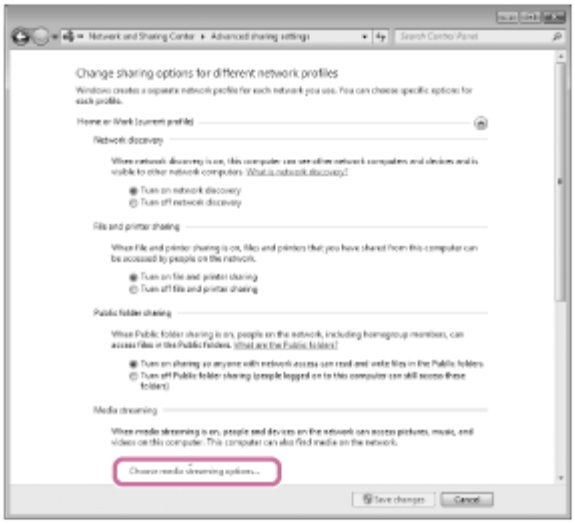
1. Go to [Start]-[Control Panel], then select [Network and Sharing Center].
   The [Network and Sharing Center] screen appears.
   If the desired item does not appear in the display, try changing the Control Panel display type.
2. Select [Public network] under [View your active networks].
   If the display shows other than [Public network], go to step 5.



   The [Set Network Location] screen appears.
3. Select [Home network] or [Work network] according to the environment in which the speaker is used.
4. Follow the instructions that appear on the display according to the environment in which the speaker is used.
   When the setting is completed, in the [Network and Sharing Center] screen, confirm that the item under [View your active networks] has changed to [Home network] or [Work network].
5. Select [Change advanced sharing settings].



6. Select [Choose media streaming options…] from [Media streaming].



7. If [Media streaming is not turned on] appears in the [Media streaming options] screen, select [Turn on media streaming].

8. Select [Allow All].

The [Allow All Media Devices] screen appears. If all the devices in the local network are allowed ([Allow]) to access your network, select [OK] and close the screen.

9. Select [Allow all computers and media devices].

10. Select [OK] to close the screen.

Related Topic

- Listening to music on a PC via network connection (Windows 7)
- Listening to music on a PC via a Wi-Fi network

Notes on use

4-537-384-11(2)

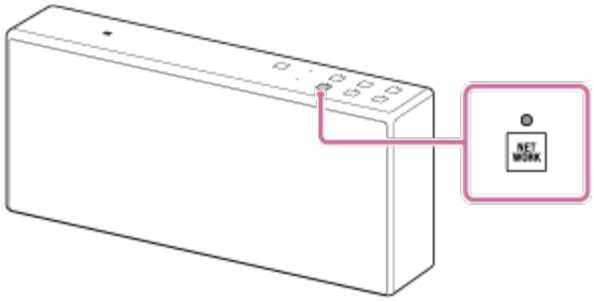
Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

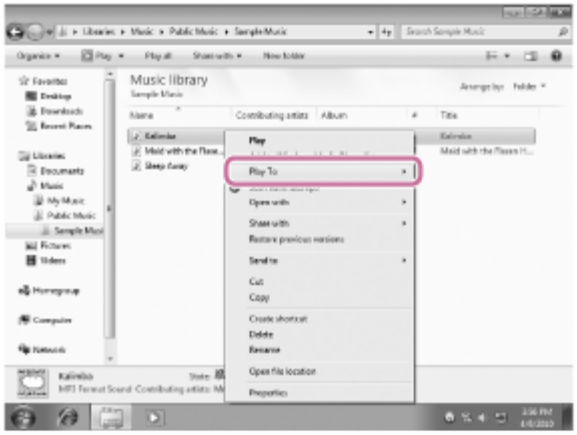
Listening to music on a PC via network connection (Windows 7)

You can use a PC as a controller (operating device).
Music stored in the PC can be played back by simple operations with the [Play To] function of Windows 7. Follow the instructions on the PC screen to operate.

1. Connect the speaker and PC to your network.
   The LINK indicator lights up in green or orange when the connection is complete.
2. Tap the NETWORK button.
   The NETWORK indicator lights up in white, and the speaker switches to NETWORK mode.

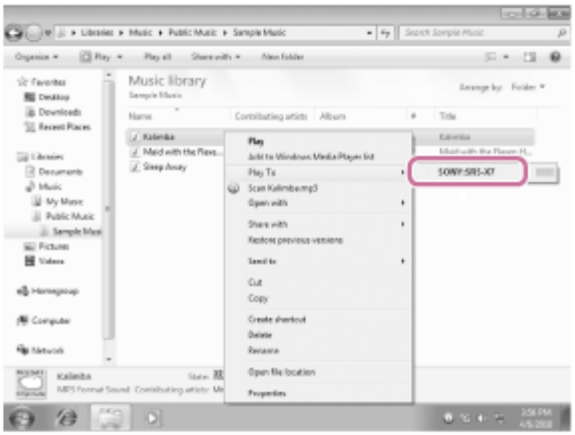


   The speaker can also be switched to NETWORK mode automatically, instead of tapping the NETWORK button, by playing back music using the [Play To] function, after starting Windows Media Player.
3. Start [Windows Media Player] in the PC.
4. Right-click the song to be played.
5. Select [Play To] from the menu.



   The device list appears.

6. Select [SONY:SRS-X7].



7. Play back the selected song, and adjust the volume.
   The speaker plays back the selected song.

Hint

- After the dedicated application "SongPal" is downloaded and installed to your smartphone/iPhone, you can use your smartphone/iPhone as a remote control to operate components connected to the speaker.

Note

- The speaker can play MP3, Linear PCM, WMA, AAC, WAV, FLAC, ALAC and AIFF format files (only AAC files with the extension ".m4a," ".mp4," or ".3gp" can be played). Even If the bit rate and file format are supported, the playback of all files is not guaranteed.
- Files with DRM (Digital Rights Management) copyright protection cannot be played on the speaker. To check if a WMA file is protected by DRM, right-click the file on the PC. If there is a [License] tab, the file is DRM-copyrighted.
- When you listen to music via a home network, it may take some time, since each DLNA-compatible device has to recognize the component currently used.
- Some content may not be playable with DLNA certified products.

Related Topic

- Using the BLUETOOTH/Network standby function
- Setting your PC as a DLNA server and controller (Windows 7)
- Listening to music on a PC via a Wi-Fi network

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

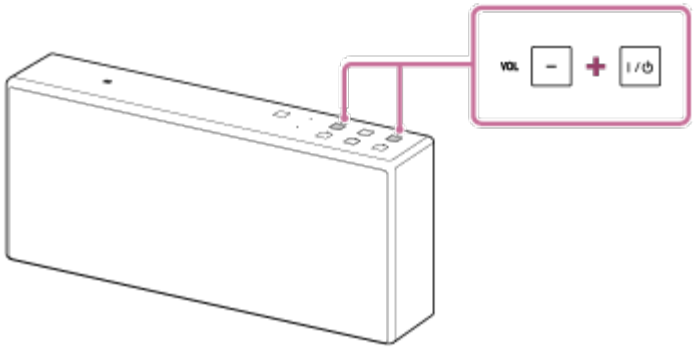
Personal Audio System
SRS-X7

Connection method 3: Connecting to a Wi-Fi network using a PC connected wirelessly (Windows Vista)

Note that the speaker should be initialized to the factory default for this connection. All BLUETOOTH device registration (pairing) information are deleted.
This section describes how to connect a Windows Vista PC and the speaker wirelessly, and then connect to a wireless router, using a PC.
Check the following before starting the operation.

- Disconnect the LAN cable from the speaker.
- Place the speaker closer to the wireless router.
- Set the Wi-Fi antenna on the rear to the upright position.
- Set the NETWORK OFF/ON switch on the rear to ON.

1. Have the Wi-Fi network name (SSID) and password of the wireless router available for reference.
   For details, refer to the operating instructions of your wireless router.
2. With the speaker turned on, press and hold the VOL (volume) – button and the | / ⏻ (on/standby) button at the same time for more than 5 seconds.



   The power of the speaker turns off automatically. The settings of the speaker return to their factory defaults, and network settings and all BLUETOOTH device registration (pairing) information are deleted.
3. Turn on the speaker.
   The | / ⏻ (on/standby) indicator lights up in green, then the LINK indicator begins to flash.
   When you configure the settings of the speaker for the first time after purchase, or after you initialize the speaker, wait until the LINK indicator turns off (about a minute).
4. Connect the speaker to the PC.
   i. Click the icon at the bottom of the screen.
   ii. Select [Connect to a network].

iii. Select [Sony_Wireless_Audio_Setup] from the network list.

5. Display the [Sony Network Device Setting] screen.
   i. Launch a browser.
   ii. Enter the following URL in the address bar.
   http://192.168.100.1

6. Select the language from [Language Setup].

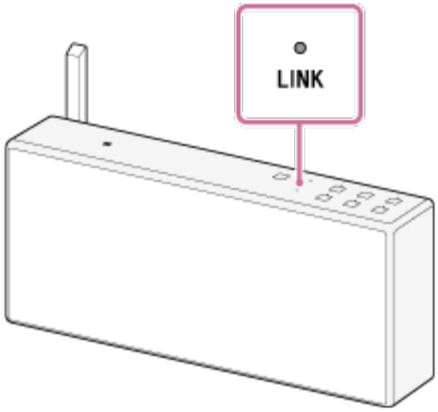
7. Select [Network Settings] from the menu.

8. Select the SSID of the wireless router, and enter the password.

9. Select [Apply].

10. Select [OK] in the displayed window.

11. Check that the LINK indicator lights up in green.
    When the Wi-Fi connection is completed, the LINK indicator lights up in green.



    The connection is complete.

12. Connect the PC to the wireless router to be used.

Hint

- If you want to set a fixed IP address, set in the screen in step 7 above.

Note

- This procedure needs to be completed within 10 minutes. If you cannot complete within 10 minutes, start over from step 2.
- Until you finish the Wi-Fi network setting, it will not be protected. The Wi-Fi network will be protected again after setting the Wi-Fi security.

Notes on use

4-537-384-11(2)

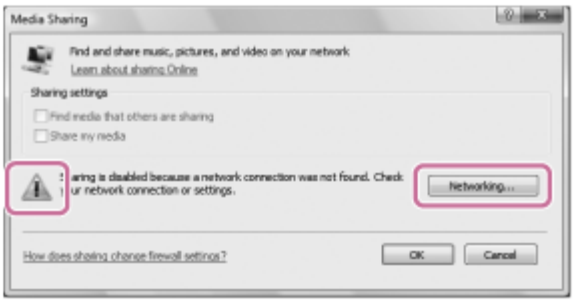
Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Setting your PC as a DLNA server (Windows Vista)

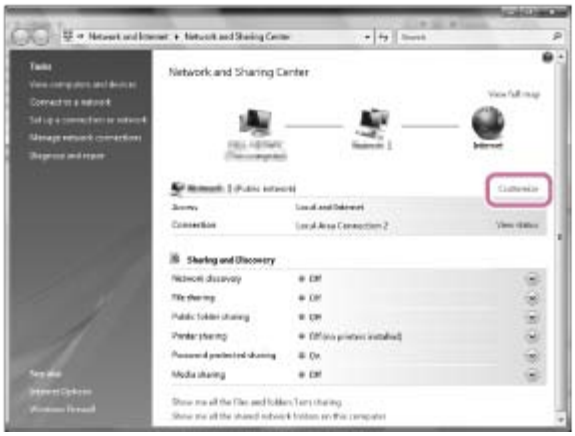
Windows Vista PC can be used as a DLNA server. You need to set up Windows Media Player 11 to listen to music using Windows Vista PC as a server.
By operating from the DLNA controller on your home network, you can enjoy music stored in a Windows Vista PC, set as a DLNA server, with the speaker if you set the following.

1. Go to [Start]-[All Programs], then select [Windows Media Player].
   Windows Media Player 11 starts up.
2. Select [Media Sharing…] from the [Library] menu.
3. When ⚠ is displayed, select [Networking…].



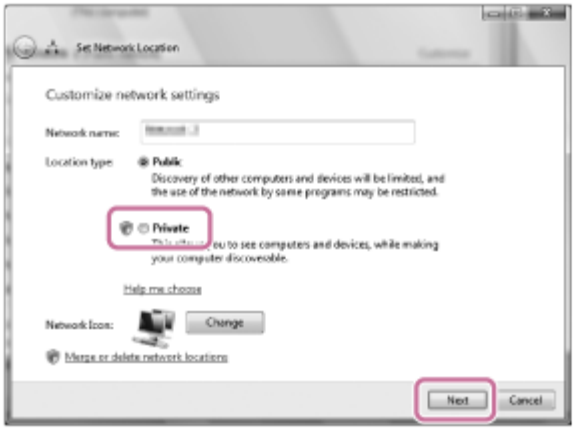
   The [Network and Sharing Center] screen appears.

4. Select [Customize].

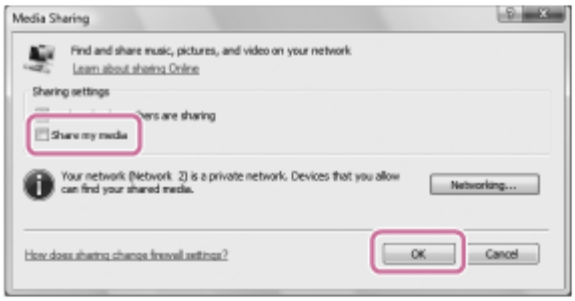


   The [Set Network Location] screen appears.

5. Add a check next to [Private], then select [Next].

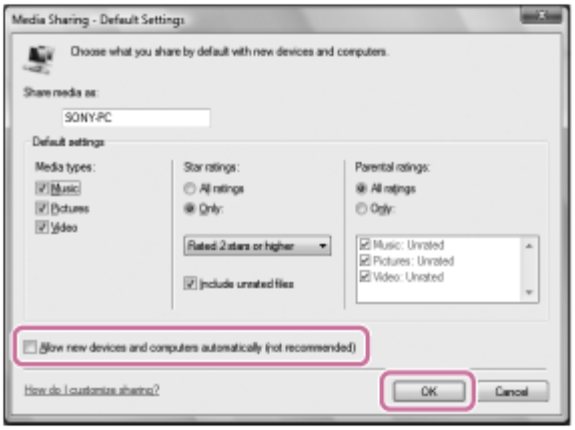


6. Confirm that [Location type] has changed to [Private], then select [Close].
7. Confirm that [(Private network)] is displayed in the [Network and Sharing Center] screen, then close the screen.
8. If a check is not added next to [Share my media] in the [Media Sharing] screen displayed in step 2, add a check, then select [OK].



A list of connectable devices is displayed.

9. Select [Settings…] that appears beside [Share my media to :].
10. Add a check next to [Allow new devices and computers automatically], then select [OK].



Note

- Uncheck this item after you confirm that the speaker can connect to the PC and play audio data on the speaker.

Related Topic

Listening to music on a PC via a Wi-Fi network

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

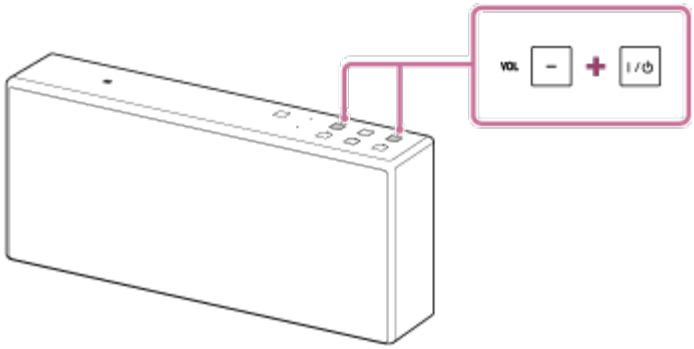
Personal Audio System
SRS-X7

Connection method 3: Connecting to a Wi-Fi network using a Mac connected wirelessly

Note that the speaker should be initialized to the factory default for this connection. All BLUETOOTH device registration (pairing) information are deleted.
This section describes how to connect a Mac and the speaker wirelessly, then connect to a wireless router, using the Mac.
Check the following before starting the operation.

- Disconnect the LAN cable from the speaker.
- Place the speaker near the wireless router.
- Set the Wi-Fi antenna on the rear to the upright position.
- Set the NETWORK OFF/ON switch on the rear to ON.

1. Have the Wi-Fi network name (SSID) and password of the wireless router available for reference.
   For the SSID and password, refer to the operating instructions of the wireless router.
2. With the speaker turned on, press and hold the VOL (volume) – button and the | / ⏻ (on/standby) button at the same time for more than 5 seconds.



   The power of the speaker turns off automatically. The settings of the speaker return to their factory defaults, and network settings and all BLUETOOTH device registration (pairing) information are deleted.
3. Turn on the speaker.
   The | / ⏻ (on/standby) indicator lights up in green, then the LINK indicator begins to flash.
   When you configure the settings of the speaker for the first time after purchase, or after you initialize the speaker, wait until the LINK indicator turns off (about a minute).
4. Connect the speaker to the Mac.
   i. Click the icon at the top of the screen.
   ii. Select [Open Network Preferences...].

iii. Select [Sony_Wireless_Audio_Setup] from the network list.

5. Display the [Sony Network Device Setting] screen.
   i. Launch a browser.
   ii. Enter the following URL in the address bar.
   http://192.168.100.1

6. Select the language from [Language Setup].

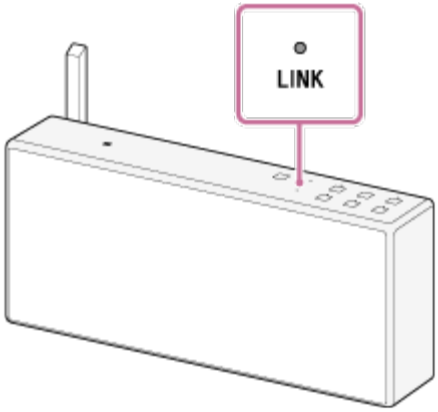
7. Select [Network Settings] from the menu.

8. Select the SSID of the wireless router, and enter the password.

9. Select [Apply].

10. Select [OK] in the displayed window.

11. Check that the LINK indicator lights up in green.
    When the Wi-Fi connection is completed, the LINK indicator lights up in green.



    The connection is complete.

12. Connect the Mac to the wireless router to be used.

Hint

- If you want to set a fixed IP address, set in the screen in step 7 above.

Note

- This procedure needs to be completed within 10 minutes. If you cannot complete within 10 minutes, start over from step 2.
- Until you finish the Wi-Fi network setting, it will not be protected. The Wi-Fi network will be protected again after setting the Wi-Fi security.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

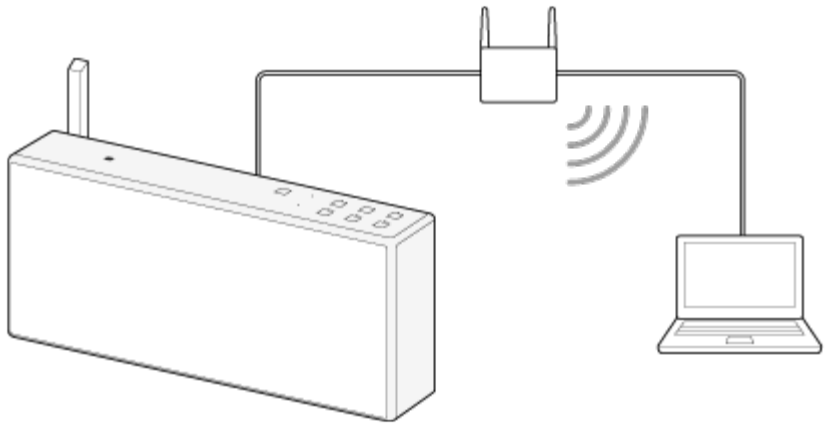
Personal Audio System
SRS-X7

Connection method 3: Connecting to a wired network

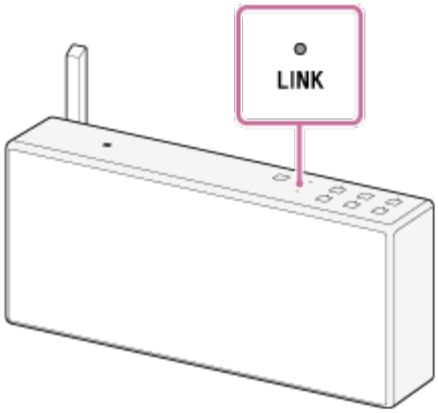
This section describes how to connect the speaker to a wireless router with a LAN cable (not supplied), then connect the router to the computer.
Usually, the DHCP setting is set to ON when you connect your computer to the network.
Set the DHCP setting of your computer to ON in advance.
Check the following before starting the operation.

- Set the NETWORK OFF/ON switch on the rear to ON.

1. Check whether your computer and wireless router are turned on.
2. Connect the wireless router to the LAN port with a LAN cable (not supplied).
3. Connect the wireless router to your computer using another LAN cable (not supplied), or Wi-Fi connection.



4. Turn the speaker on.
   The | / ⏻ (on/standby) indicator lights up in green, then the LINK indicator begins to flash in orange.
   When the connection is completed, the LINK indicator changes from flashing to staying lit in orange.



Notes on use

4-537-384-11(2)

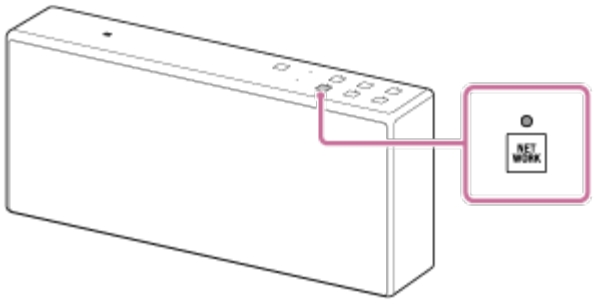
Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Listening with the AirPlay function (iPhone/iPad/iPod touch)

You can enjoy music stored in an iPhone/iPad/iPod touch wirelessly using AirPlay.
Update the iPhone/iPad/iPod touch to the latest version in advance.

1. Connect the speaker and iPhone/iPad/iPod touch to your network.
   The LINK indicator lights up in green or orange when the connection is complete.
2. Tap the NETWORK button.
   The NETWORK indicator lights up in white, and the speaker switches to NETWORK mode.



   The speaker can also be switched to NETWORK mode automatically, instead of tapping the NETWORK button, by selecting the speaker in the AirPlay menu of iPhone/iPad/iPod touch, then playing back music.
3. Select the icon in the bottom right of the iPhone/iPad/iPod touch screen.

4. Select [SONY:SRS-X7] on the AirPlay menu of iPhone/iPad/iPod touch.

5. Start playing back music on the iPhone/iPad/iPod touch, and adjust the volume.
   The speaker starts playing back the selected song.
   If playback does not start, perform the process again from step 3.

Hint

- The procedure explained above is for guideline purposes. For details, refer to the operating instructions supplied with the device.
- After the dedicated application "SongPal" is downloaded and installed to your smartphone/iPhone, you can use your smartphone/iPhone as a remote control to operate components connected to the speaker.
- The volume level set by the VOL (volume) -/+ buttons of the speaker and that set in iPhone/iPad/iPod touch are linked.

Note

- Loud sound may be output from the speaker if you set the volume too high by the iPhone/iPad/iPod touch.
- In some cases, the volume level of the iPhone/iPad/iPod touch might not link with the volume level of the speaker.

Related Topic

- Using the BLUETOOTH/Network standby function
- Listening to music on a device via BLUETOOTH connection

Notes on use

4-537-384-11(2)

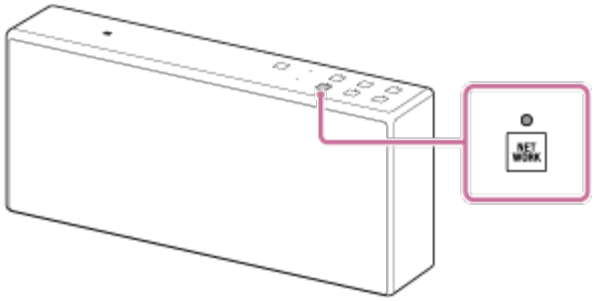
Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Listening to music with the WALKMAN application (Xperia)

Using the WALKMAN application, you can play music stored in an Xperia.
Operations of WALKMAN application are subject to change without notice. For details about how to use the WALKMAN application, be sure to refer to the operating instructions supplied with the Xperia.
Update its Android OS to the latest version before using it with the speaker.

1. Connect the speaker and Xperia to your network.
   The LINK indicator lights up in green or orange when the connection is complete.
2. Tap the NETWORK button.
   The NETWORK indicator lights up in white, and the speaker switches to NETWORK mode.



   The speaker can also be switched to NETWORK mode automatically, instead of tapping the NETWORK button, by selecting the speaker in the menu of the WALKMAN application on the Xperia, then playing back music.
3. Select [WALKMAN] on your Xperia.

4. Tap and select [SONY:SRS-X7] on the Xperia.

5. Start playing back music on the Xperia, and adjust the volume.
   The speaker starts playing back the selected song.
   If playback does not start, perform the process again from step 1.

Hint

- Refer to the operating instructions of your Xperia for details.
- For details on the use of the Android OS, refer to Help of Android OS.

Related Topic
Using the BLUETOOTH/Network standby function

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

How to make wireless connection with BLUETOOTH devices

You can enjoy music with the speaker wirelessly by using your device's BLUETOOTH function.

Before operating the speaker, be sure to do the following:

- Place the BLUETOOTH device within 1 m (3 ft) of the speaker.
- Connect the speaker to the AC outlet or charge the battery sufficiently.
- Prepare the operating instructions supplied with the BLUETOOTH device for reference.

Pairing the speaker with a BLUETOOTH device

Pairing is the process required to mutually register the information on BLUETOOTH devices to be connected wirelessly. It is necessary to pair a device with the speaker to be able to make BLUETOOTH connection for the first time.
Select your situation from the following.

- Pairing and connecting with a BLUETOOTH device
- Connecting with a smartphone by one touch (NFC)

Connecting the speaker with a paired device

Once BLUETOOTH devices are paired, there is no need to pair them again. To connect a device already paired, refer to the following topic.

- Connecting with a paired BLUETOOTH device

Connecting the speaker with a smartphone by one touch (NFC)

By touching the speaker with a smartphone, the speaker is turned on automatically and then proceeds to pairing and making BLUETOOTH connection. For details, refer to the following topic.

- Connecting with a smartphone by one touch (NFC)
- Disconnecting the smartphone by one touch (NFC)
- Switching devices by one touch (NFC)

Compatible smartphones

NFC-compatible smartphones with Android 4.1 or later installed

NFC

NFC (Near Field Communication) is a technology enabling short-range wireless communication between various devices, such as smartphones and IC tags.
Thanks to the NFC function, data communication - for example, BLUETOOTH pairing - can be achieved easily by simply touching NFC-compatible devices together (i.e., at the N-Mark symbol or location designated on each device).

Note

- Once BLUETOOTH devices are paired, there is no need to pair them again, except in the following cases:
  - Pairing information has been deleted after repair, etc.
  - The speaker is already paired with 9 devices and another device is to be paired.
    The speaker can be paired with up to 9 devices. If a new device is paired after 9 devices are already paired, the paired device with the oldest connection time is replaced by the new one.
  - The pairing information with the speaker has been deleted from the BLUETOOTH device.
  - When the speaker is initialized, all pairing information is deleted.
- The speaker can be paired with multiple devices, but can only play music from one paired device at a time.

Related Topic

- Connection method 1: Pairing and connecting with a BLUETOOTH device
- Connection method 2: Connecting with a paired BLUETOOTH device
- Connection method 3: Connecting with a smartphone by one touch (NFC)

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

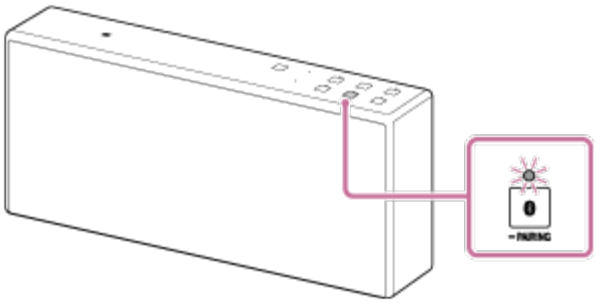
Personal Audio System
SRS-X7

Connection method 1: Pairing and connecting with a BLUETOOTH device

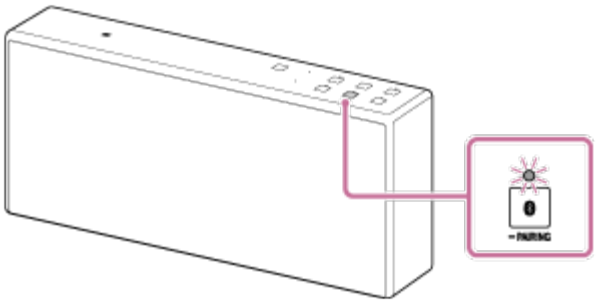
The speaker can be paired with up to 9 BLUETOOTH devices.
It is necessary to pair a device with the speaker to be able to make BLUETOOTH connection for the first time.
Before operating the speaker, be sure to do the following:

- Place the BLUETOOTH device within 1 m (3 ft) of the speaker.
- Connect the speaker to the AC outlet or charge the battery sufficiently.
- Prepare the operating instructions supplied with the BLUETOOTH device for reference.

1. Turn on the speaker.
   The | / ⏻ (on/standby) indicator lights up in green.
2. Tap the (BLUETOOTH) – PAIRING button.
   The (BLUETOOTH) indicator begins to flash in white.



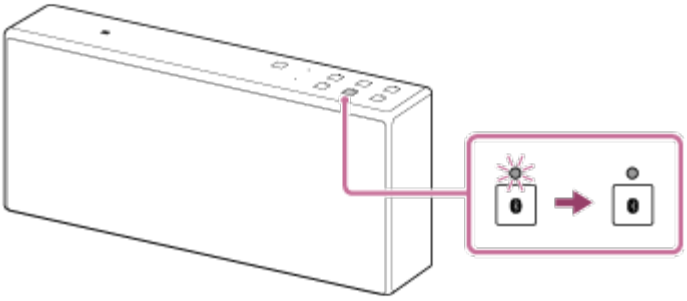
   - From the factory, pairing information is not stored in the speaker. In this case, if you only tap the (BLUETOOTH) – PAIRING button, the (BLUETOOTH) indicator will begin to flash quickly in white and the speaker enters pairing mode automatically. In this case, proceed to step 4.
   - When you tap the (BLUETOOTH) – PAIRING button, the speaker tries to make BLUETOOTH connection with the last connected BLUETOOTH device. If the device is nearby, the BLUETOOTH connection is established automatically and the (BLUETOOTH) indicator stays lit. When you want to connect another BLUETOOTH device, terminate the current BLUETOOTH connection by operating the currently connected BLUETOOTH device.
3. Tap and hold the (BLUETOOTH) – PAIRING button until beeps are heard.
   The (BLUETOOTH) indicator begins to flash quickly in white, and the speaker enters pairing mode.



4. Perform the pairing procedure on the BLUETOOTH device to detect the speaker.
   When a list of detected devices appears on the display of the BLUETOOTH device, select "SONY:SRS-X7 (Bluetooth)."
   If passkey* entry is required on the display of the BLUETOOTH device, enter "0000."

   *A passkey may be called "Passcode," "PIN code," "PIN number," or "Password."

5. Make the BLUETOOTH connection from the BLUETOOTH device.
   When the BLUETOOTH connection is established, the (BLUETOOTH) indicator stays lit.



If the BLUETOOTH connection is not established, repeat from step 3.

Hint

- For details, refer to the operating instructions supplied with the BLUETOOTH device.

Note

- Pairing mode of the speaker is released after about 5 minutes and the (BLUETOOTH) indicator flashes slowly. However, when pairing information is not stored in the speaker, such as from the factory, pairing mode is not released. If pairing mode is released before finishing the process, repeat from step 3.
- When pairing with a BLUETOOTH device that cannot display a list of detected devices or that has no display, you may pair the device by setting both the speaker and the BLUETOOTH device to pairing mode. At this time, if a passkey besides "0000" is set on the BLUETOOTH device, pairing cannot be done with the speaker.
- Once BLUETOOTH devices are paired, there is no need to pair them again, except in the following cases:
  - Pairing information has been deleted after repair, etc.
  - The speaker is already paired with 9 devices and another device is to be paired.
    The speaker can be paired with up to 9 devices. If a new device is paired after 9 devices are already paired, the paired device with the oldest connection time is replaced by the new one.
  - The pairing information with the speaker has been deleted from the BLUETOOTH device.
  - When the speaker is initialized, all the pairing information is deleted.
- The speaker can be paired with multiple devices, but can only play music from one paired device at a time.

Related Topic

- Listening to music on a device via BLUETOOTH connection

Notes on use

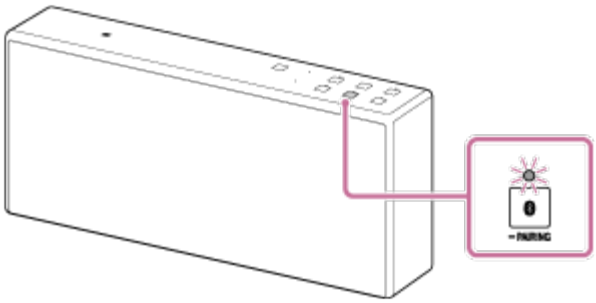
4-537-384-11(2)

Copyright 2014 Sony Corporation

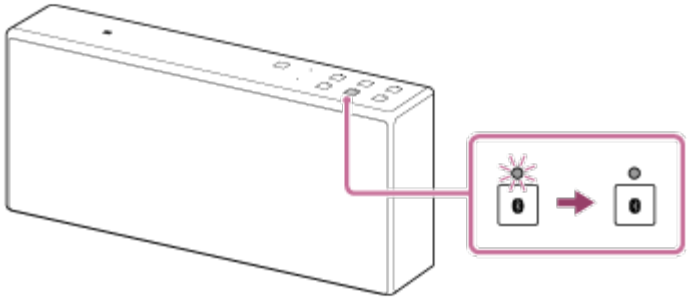
Personal Audio System
SRS-X7

Connection method 2: Connecting with a paired BLUETOOTH device

1. Turn on the speaker.
   The | / ⏻ (on/standby) indicator lights up in green.
2. Tap the (BLUETOOTH) ▬ PAIRING button.
   The (BLUETOOTH) indicator begins to flash in white.



   When you tap the (BLUETOOTH) ▬ PAIRING button, the speaker tries to make BLUETOOTH connection with the last connected BLUETOOTH device. If the device is nearby, the BLUETOOTH connection is established automatically and the (BLUETOOTH) indicator stays lit. When you want to connect another BLUETOOTH device, terminate the current BLUETOOTH connection by operating the currently connected BLUETOOTH device.
3. Make the BLUETOOTH connection from the BLUETOOTH device.
   When the BLUETOOTH connection is established, the (BLUETOOTH) indicator stays lit.



Hint

- When you turn on the speaker or tap the (BLUETOOTH) ▬ PAIRING button, the speaker tries to make BLUETOOTH connection with the last connected BLUETOOTH device. If the device's BLUETOOTH function is on, the BLUETOOTH connection is started automatically.
- When the BLUETOOTH/Network standby function is turned on, the speaker turns on automatically by operating a

BLUETOOTH device, and starts the BLUETOOTH connection.

Note

- If the speaker tries to make connection with the last connected BLUETOOTH device, connection may fail in some cases. In this case, terminate the BLUETOOTH connection by operating the connected BLUETOOTH device.

Related Topic

- Using the BLUETOOTH/Network standby function
- Listening to music on a device via BLUETOOTH connection

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Connection method 3: Connecting with a smartphone by one touch (NFC)

By touching the speaker with a smartphone, the speaker is turned on automatically and then proceeds to pairing and BLUETOOTH connection.

Compatible smartphones

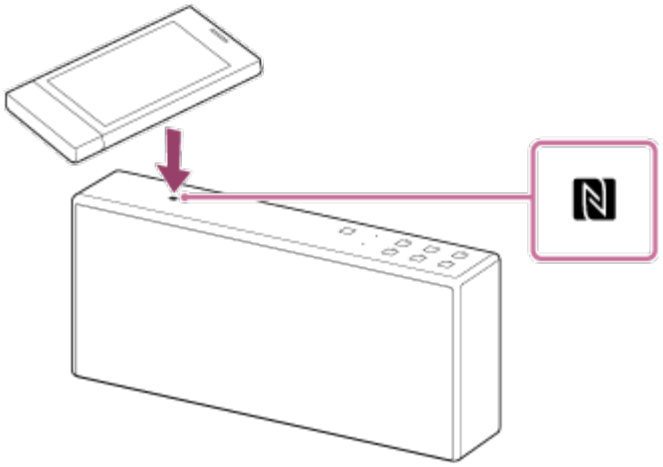
NFC-compatible smartphones with Android 4.1 or later installed

NFC

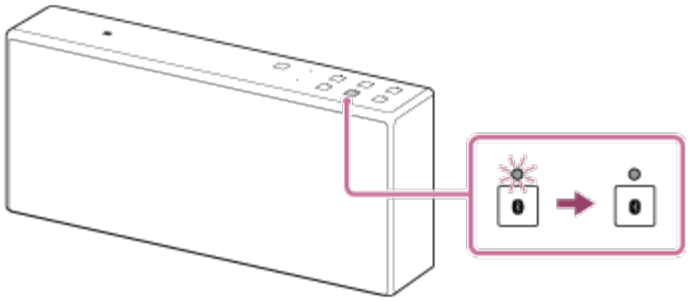
NFC (Near Field Communication) is a technology enabling short-range wireless communication between various devices, such as smartphones and IC tags.

Thanks to the NFC function, data communication - for example, BLUETOOTH pairing - can be achieved easily by simply touching NFC-compatible devices together (i.e., at the N-Mark symbol or location designated on each device).

1. Set the NFC function of the smartphone to on.
   For details, refer to the operating instructions supplied with the smartphone.
2. Touch the speaker with the smartphone.
   Unlock the screen of the smartphone beforehand.
   Keep touching the smartphone on the N-Mark of the speaker until the smartphone responds (it may take a few seconds).
   If the speaker is off, the (BLUETOOTH) indicator begins to flash when the smartphone touches it. When the BLUETOOTH connection is established, the speaker turns on automatically.



   Follow the on-screen instructions to establish the connection.
   When the BLUETOOTH connection is established, the (BLUETOOTH) indicator stays lit.



To disconnect, touch the speaker with the smartphone again.

Hint

- If you cannot connect the speaker, try the following.
  - Move the smartphone slowly over the N-Mark of the speaker.
  - If the smartphone is in a case, remove the case.
  - Make sure that the app screen is displayed on the smartphone.
- If you touch a smartphone on the speaker, the smartphone terminates BLUETOOTH connection with any current device (NFC-compatible headset, etc.), and connects with the speaker (One-touch connection switching).

Related Topic

- Disconnecting the smartphone by one touch (NFC)
- Switching devices by one touch (NFC)
- Listening to music on a device via BLUETOOTH connection

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

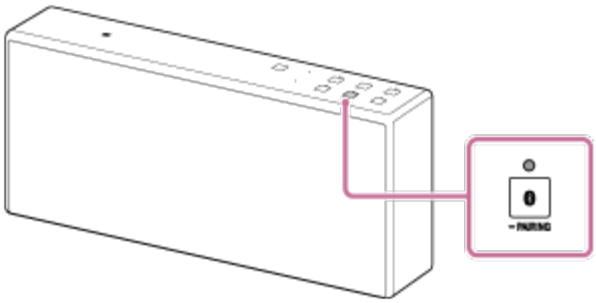
Listening to music on a device via BLUETOOTH connection

You can enjoy listening to music of a BLUETOOTH device and operate it via a BLUETOOTH connection if it supports the following BLUETOOTH profiles.

- A2DP (Advanced Audio Distribution Profile)
  Enables you to enjoy high-quality audio contents wirelessly.
- AVRCP (Audio Video Remote Control Profile)
  Enables you to adjust the volume of a BLUETOOTH device.

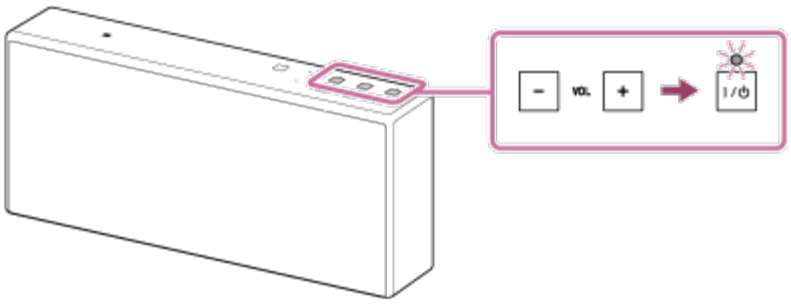
The volume of a BLUETOOTH device may not be adjusted depending on the BLUETOOTH device. Refer also to the operating instructions supplied with your BLUETOOTH device.

1. Connect the speaker with the BLUETOOTH device.
   The (BLUETOOTH) indicator lights up in white when the BLUETOOTH connection is established.



2. Start playback on the BLUETOOTH device, and adjust the volume.
   Set the volume of the BLUETOOTH device to a moderate level.

3. Tap the VOL (volume) –/+ button to adjust the volume.
   When you tap the VOL (volume) –/+ button, the | / ⏻ (on/standby) indicator flashes once or three times according to the volume adjustment.



Hint

- After the dedicated application "SongPal" is downloaded and installed to your smartphone/iPhone, you can use your smartphone/iPhone as a remote control to operate components connected to the speaker.
- Depending on the BLUETOOTH device, it may be necessary to adjust the volume or set the audio output setting on the connected device.

Note

- If the communication condition is poor, the BLUETOOTH device may react incorrectly to the operation on the speaker.

Related Topic

- Using the BLUETOOTH/Network standby function
- Selecting the BLUETOOTH audio streaming playback quality
- Terminating the BLUETOOTH connection (After use)

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

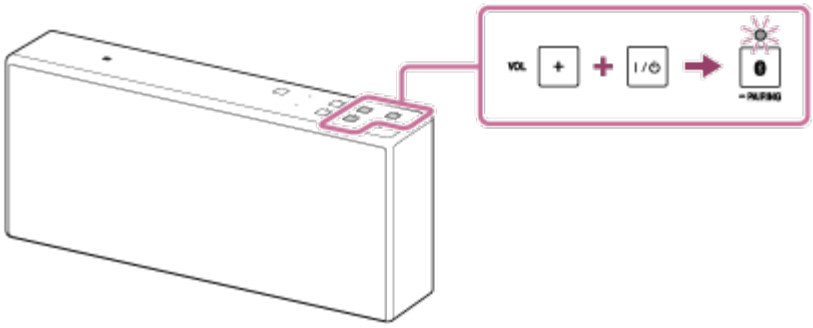
Selecting the BLUETOOTH audio streaming playback quality

"Priority on stable connection" and "Priority on sound quality" modes are available as options for selecting the playback quality of BLUETOOTH audio streaming. "Priority on stable connection" is set as the default.

Supported Codecs

- Priority on stable connection: SBC (Default setting)
- Priority on sound quality: AAC or aptX, SBC

1. With the speaker turned on, press and hold the | / ⏻ (on/standby) button until the | / ⏻ (on/standby) indicator lights up in orange.
   The speaker turns off and enters the BLUETOOTH/Network standby mode.
2. Press and hold the VOL (volume) + button and | / ⏻ (on/standby) button at the same time, until the ᛒ (BLUETOOTH) indicator flashes in white.
   When the setting is changed to "Priority on sound quality" mode, the ᛒ (BLUETOOTH) indicator flashes 3 times.
   When the setting is changed to "Priority on stable connection" mode, the ᛒ (BLUETOOTH) indicator flashes 2 times.



The playback quality is switched, and the speaker turns on.

Note

- Communication may become unstable in the "Priority on sound quality" mode, depending on the setting of your BLUETOOTH device and the ambient conditions. In this case, reset the speaker to the "Priority on stable connection" mode by performing step 1 and 2 above.
- You can switch the playback quality by using the dedicated application "SongPal." However, if the playback quality setting is changed with the speaker turned on, the BLUETOOTH connection is terminated once. In this case, connect the BLUETOOTH device manually again. After reconnecting, the playback quality is switched.

Related Topic

- Using the BLUETOOTH/Network standby function
- Setting the BLUETOOTH audio streaming playback quality

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Terminating the BLUETOOTH connection (After use)

When you finish playing music with the BLUETOOTH device, perform any of the following operations to terminate the BLUETOOTH connection.

- Turn off the BLUETOOTH function on the BLUETOOTH device. For details, refer to the operating instructions supplied with the device.
- Turn off the BLUETOOTH device.
- Turn off the speaker.
- Touch the smartphone on the N-Mark of the speaker again (if your smartphone has the NFC function).

Hint

- If no operation is performed and no music (sound) is input by a BLUETOOTH device for about 15 minutes, the speaker enters standby mode automatically by the auto standby function, then the BLUETOOTH connection terminates.
- When you finish playing music, the BLUETOOTH connection may terminate automatically, depending on the BLUETOOTH device.

Related Topic

- Turning the power off
- Auto standby function
- Disconnecting the smartphone by one touch (NFC)

Notes on use

4-537-384-11(2)

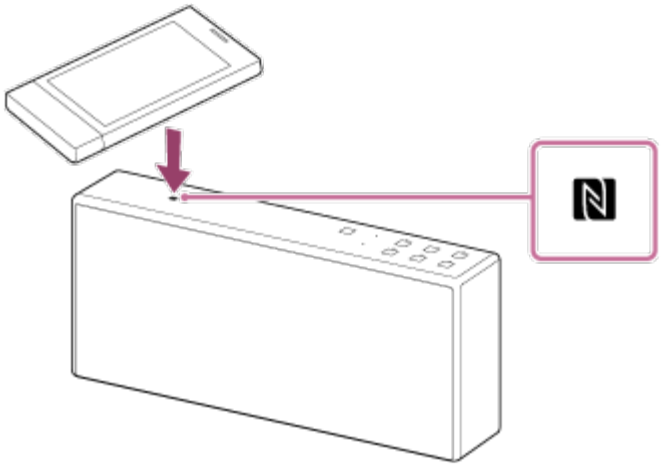
Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Disconnecting the smartphone by one touch (NFC)

You can disconnect the speaker from a connected smartphone by touching the speaker with it.

1. Touch the speaker with the smartphone.
   Touch the smartphone on the N-Mark of the speaker.



Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Switching devices by one touch (NFC)

- When the speaker is connected with a BLUETOOTH device, if you touch a smartphone on the N-Mark of the speaker, then connects with the smartphone.
- When the speaker is connected with a smartphone, if you touch the smartphone on another NFC-compatible device, the smartphone disconnects from the speaker, and connects with the NFC-compatible device it touched.

Notes on use

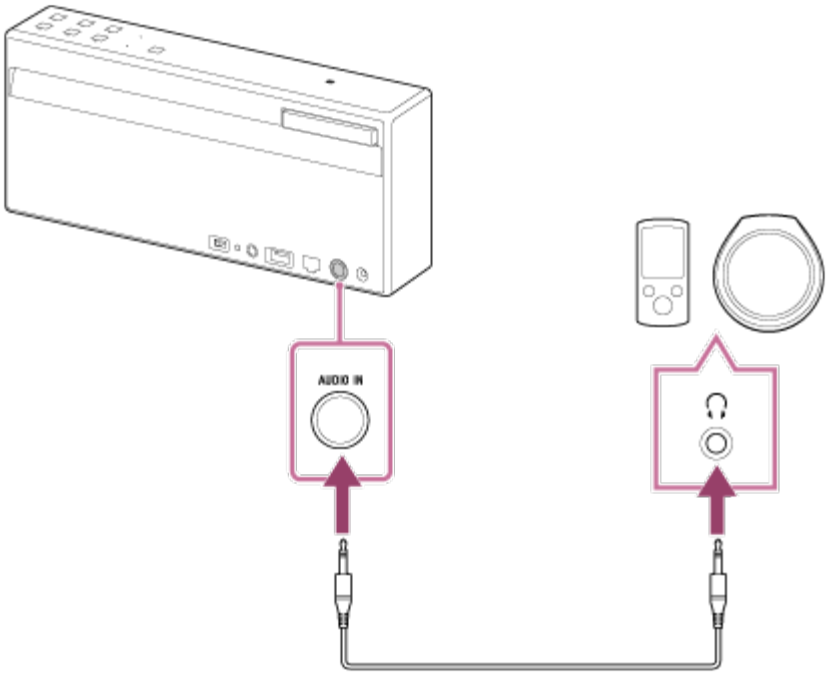
4-537-384-11(2)
Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Connecting to a portable audio device, etc.

Be sure to turn off the power of the device before making any connections.

1. Connect the device to the AUDIO IN jack with an audio cable (not supplied).



Related Topic
Listening to music on a portable audio device, etc.

Notes on use

4-537-384-11(2)

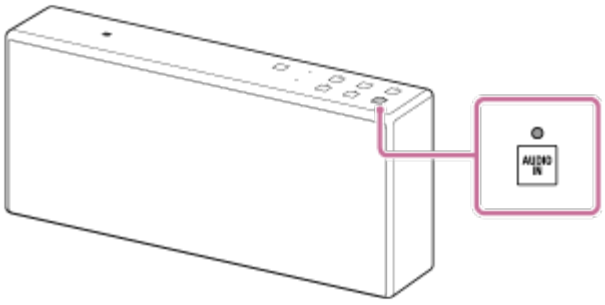
Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

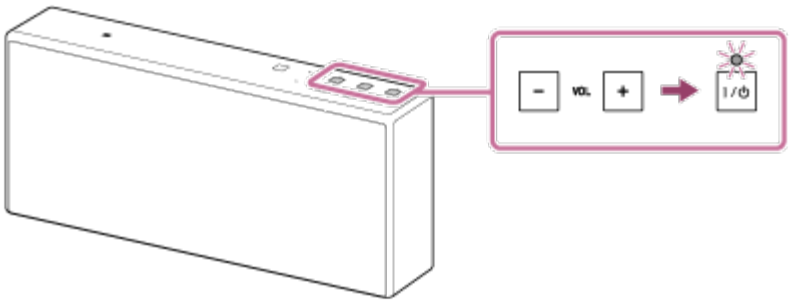
Listening to music on a portable audio device, etc.

You can use the speaker as an ordinary wired speaker system by connecting a portable audio device, etc., using an audio cable (not supplied).

1. Connect the device to the speaker using an audio cable (not supplied).
2. Turn on the speaker.
   The | / ⏻ (on/standby) indicator lights up in green.
3. Tap the AUDIO IN button.
   The speaker switches to AUDIO IN mode and the AUDIO IN indicator lights up in white.



4. Turn on the connected device.
5. Start playback on the connected device, and adjust the volume.
   Set the volume of the connected device to a moderate level.
6. Tap the VOL (volume) –/+ button to adjust the volume.
   When you tap the VOL (volume) –/+ button, the | / ⏻ (on/standby) indicator flashes once or three times according to the volume adjustment.



Hint

- After the dedicated application "SongPal" is downloaded and installed to your smartphone/iPhone, you can use your smartphone/iPhone as a remote control to operate components connected to the speaker.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

About the indicators

| /⏻ (on/standby) indicator

Turns off

The speaker is in the standby mode.

Lights up (green)

The speaker is turned on.

Lights up (orange)

The speaker is in the BLUETOOTH/Network standby mode.
The BLUETOOTH/Network standby function can be set only when the speaker is connected to an AC outlet via the AC adaptor. When the speaker is being powered by the built-in battery only, the BLUETOOTH/Network standby function is not available.

Flashes (green)

- If you press the | /⏻ (on/standby) button to turn off the speaker, the indicator flashes slowly, then turns off. While the indicator is flashing, the speaker is not operational.
- When you tap the VOL (volume) -/+ button, the indicator flashes once or three times according to the volume adjustment.

Flashes (red)

The speaker is in the protect mode. Push the RESET button on the rear of the speaker with a pointed object, such as a pin.

CHARGE indicator

Turns off

Charging of the speaker is completed.

Lights up

The speaker is charging.

Flashes slowly

The built-in battery is running low and needs to be charged. In this state, the speaker cannot supply power to other devices.

Flashes three times and turns off

If the CHARGE indicator flashes three times and goes off when you turn on the speaker, the battery is empty and needs to be charged.

LINK indicator

Turns off

The speaker is not connected to a network.

Lights up (green)

The speaker is connected to a Wi-Fi network.

Lights up (orange)

The speaker is connected to a wired network.

Flashes (green)

The speaker is in the process of connecting to a Wi-Fi network.

Flashes (orange)

The speaker is in the process of connecting to a wired network.

Flashes (red)

The network connection failed.

Lights up (red)

The network connection failed, or connection failed even though the network setting is complete.

AUDIO IN indicator[*1*2]

Lights up (white)

The speaker is in the AUDIO IN mode.

(BLUETOOTH) – PAIRING indicator[*1*2*3*4]

Lights up (white)

The speaker is connected to a BLUETOOTH device.

Flashes quickly (white)

The speaker is pairing with a BLUETOOTH device.

Flashes (white)

The speaker is searching for a BLUETOOTH device to connect.

NETWORK indicator[*1*2*3]

Lights up (white)

The speaker is in the NETWORK mode.

Flashes (white)

The speaker is receiving an audio file via the network.

UPDATE indicator

Lights up (orange)

The indicator lights up when software update is available. (Normally off.)

*1 If software update fails, the indicator also lights up.

*2 When checking Wi-Fi signal strength, the indicator also flashes.

*3 When switching the wireless function to on or off, the indicator also flashes.

*4 When switching the BLUETOOTH audio streaming, the indicator also flashes.

Related Topic

- Parts and controls
- Updating the software
- Checking the Wi-Fi signal strength (reception sensitivity)

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Compatible iPhone/iPad/iPod models

iPhone/iPad/iPod models that can be used with the speaker are shown below.
Update the software of your iPhone/iPad/iPod to the latest version before using it with the speaker.
For the latest iPhone/iPad/iPod compatible models, access the following URL:
For customers in Europe:
http://support.sony-europe.com
For customers in the U.S.A.:
http://esupport.sony.com/US
For customers in Canada:
http://esupport.sony.com/CA/
For customers in other countries/regions:
http://www.sony-asia.com/section/support

AirPlay connection compatible models

- iPhone 5s
- iPhone 5c
- iPhone 5
- iPhone 4s
- iPhone 4
- iPhone 3GS
- iPad Air*
- iPad mini with Retina display*
- iPad (4th generation)*
- iPad mini*
- iPad (3rd generation)*
- iPad 2*
- iPad*
- iPod touch (5th generation)
- iPod touch (4th generation)
- iPod touch (3rd generation)*

BLUETOOTH connection compatible models

- iPhone 5s
- iPhone 5c
- iPhone 5
- iPhone 4s

- iPhone 4
- iPhone 3GS
- iPad Air*
- iPad mini with Retina display*
- iPad (4th generation)*
- iPad mini*
- iPad (3rd generation)*
- iPad 2*
- iPad*
- iPod touch (5th generation)
- iPod touch (4th generation)
- iPod touch (3rd generation)*
- iPod nano (7th generation)*

*The dedicated application "SongPal" does not support iPod touch (3rd generation) or iPod nano. The dedicated application "SongPal" does not support iPad (as of January, 2014).

AirPlay works with iPhone, iPad, and iPod touch with iOS 4.3.3 or later, Mac with OS X Mountain Lion, and Mac and PC with iTunes 10.2.2 or later.

Note

- Sony cannot accept responsibility in the event that data recorded to iPhone/iPad/iPod is lost or damaged when using an iPhone/iPad/iPod connected to this speaker.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Compatible operating system (Windows)

Compatible PC

IBM PC/AT compatible computers

Supporting Operating Systems

- Windows RT 8.1
- Windows 8.1 Enterprise
- Windows 8.1 Pro
- Windows RT
- Windows 8 Enterprise
- Windows 8 Professional
- Windows 8 Core Edition
- Windows 7 Ultimate
- Windows 7 Professional
- Windows 7 Home Premium
- Windows 7 Home Basic
- Windows 7 Starter
- Windows Vista Ultimate
- Windows Vista Business
- Windows Vista Home Premium
- Windows Vista Home Basic

Suitable browsers

Internet Explorer 7 or later

- Any of the above operating systems must be factory installed in the PC.
- Correct operation of all PCs is not guaranteed.
- Correct operation with a home-built PC, personally upgraded operating system, or multi-boot environment is not guaranteed.
- Operations such as system suspend mode, sleep mode or hibernation mode are not guaranteed for all PCs.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Compatible operating systems (Mac)

Supporting Operating Systems

- Mac OS X v10.9 Mavericks
- Mac OS X version 10.8 Mountain Lion
- Mac OS X version 10.7 Lion
- Mac OS X version 10.6 Snow Leopard

Suitable browsers

Safari (latest version at the time of Mac OS X version 10.6 Snow Leopard being released, or later)

- Any of the above operating systems must be factory installed in the computer.
- Correct operation of all computers is not guaranteed.
- Correct operation with a home-built computer, personally upgraded operating system, or multiboot environment is not guaranteed.
- Operations such as system suspend mode, sleep mode or hibernation mode are not guaranteed for all computers.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Compatible DLNA devices

For the latest compatible models, access the following URL:
For customers in Europe:
http://support.sony-europe.com
For customers in the U.S.A.:
http://esupport.sony.com/US
For customers in Canada:
http://esupport.sony.com/CA/
For customers in other countries/regions:
http://www.sony-asia.com/section/support

Notes on use

4-537-384-11(2)
Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Compatible BLUETOOTH devices

For the latest compatible models, access the following URL:
For customers in Europe:
http://support.sony-europe.com
For customers in the U.S.A.:
http://esupport.sony.com/US
For customers in Canada:
http://esupport.sony.com/CA/
For customers in other countries/regions:
http://www.sony-asia.com/section/support

Notes on use

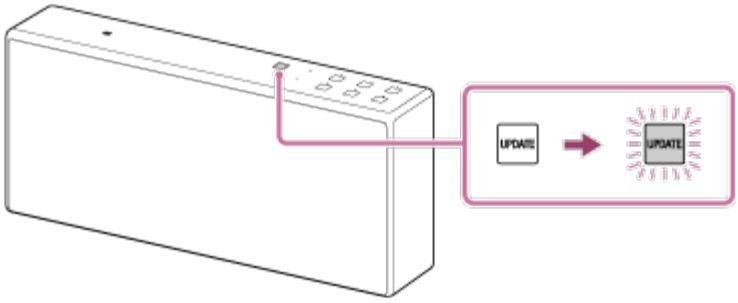
4-537-384-11(2)
Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Updating the software

You can update to the latest software by connecting to the Internet.
While the speaker is connected to the Internet, whenever a software update becomes available, the UPDATE button lights up.
In this case, follow the steps below to update the software to the latest version.
Once updating is started, the speaker stops music playback and BLUETOOTH communications.

1. Tap and hold the UPDATE button until beeps are heard.
   When the latest software update starts, the UPDATE button flashes.
   The speaker is not operational while updating.



   The UPDATE button turns off and the speaker switches to standby mode or BLUETOOTH/Network standby mode automatically after updating is completed.

If the UPDATE button flashes slower than during the update

Software update failed. Press the | / ⏻ (on/standby) button to turn off the speaker, then turn on again. Make sure the speaker is connected to the Internet and the UPDATE button is lit, then start updating again.

Hint

- The flashing interval of the UPDATE button becomes slow temporarily depending on the progress of the software update. Be careful not to turn off the speaker. If the speaker fails to update its software, the UPDATE button will keep flashing slowly until the speaker is turned off. Before turning off the speaker, make sure that the UPDATE button keeps flashing slowly to distinguish if it indicates a software update failure.

Note

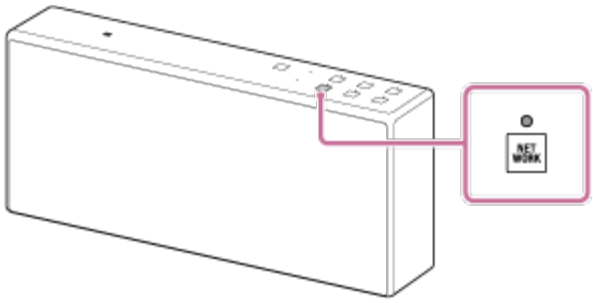
- Updating normally takes about 3 to 10 minutes. It may take more time depending on your network environment.
- Keep the speaker connected to the power supply and network while updating.
- Software update is active only when the speaker is connected to an AC outlet via the AC adaptor.

Personal Audio System
SRS-X7

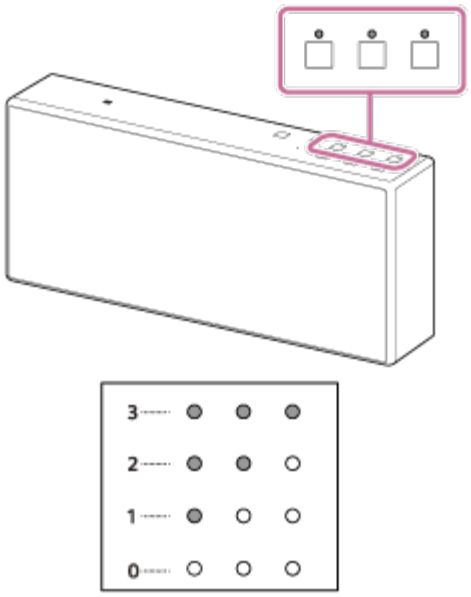
Checking the Wi-Fi signal strength (reception sensitivity)

The indicator of the speaker shows signal strength (reception sensitivity) by its flashing status when the speaker is connected to a Wi-Fi network.

1. While the speaker is connected to Wi-Fi a network (the LINK indicator lights up in green), tap and hold the NETWORK button until beeps are heard.



The function indicators (NETWORK, (BLUETOOTH), AUDIO IN) on the top panel start to flash. The number of flashing indicators shows the strength of the signal. Flashing stops when any button is tapped.



When no indicator is flashing, the signal strength is the weakest. When 3 indicators are flashing, the signal strength is the strongest.

To receive a stronger signal

Try the following:

- Change the direction of the wireless LAN antenna.
- Turn off other wireless devices.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Differences of standby modes

Standby function

When the speaker is in standby mode, the | / ⏻ (on/standby) indicator is off.
If you press the | / ⏻ (on/standby) button to turn off the speaker, the | / ⏻ (on/standby) indicator turns off and the speaker enters standby mode.

BLUETOOTH/Network standby function

The speaker is in the BLUETOOTH/Network standby mode when the | / ⏻ (on/standby) indicator lights up in orange.
If the BLUETOOTH/Network standby function is on, the speaker turns on automatically by operating a network device or BLUETOOTH device, and network or BLUETOOTH connection starts.
The BLUETOOTH/Network standby function can be set only when the speaker is connected to an AC outlet via the AC adaptor.
When you turn on the speaker in the BLUETOOTH/Network standby mode, the start-up time becomes shorter and the speaker will become operational sooner, than when you turn on the speaker in standby mode.
With the speaker turned on, press and hold the | / ⏻ (on/standby) button until the | / ⏻ (on/standby) indicator lights up in orange. The speaker turns off and enters the BLUETOOTH/Network standby mode.

Auto standby function

The speaker automatically enters standby mode or switches to the BLUETOOTH/Network standby mode if the speaker remains in any of the following states for about 15 minutes.

- No operation of the speaker.
- Connect/disconnect operations to the speaker from external devices have not been performed.
- Music (voice) is not played while connected to external devices.

Hint

- In standby mode, the power consumption of the speaker will reduce.
- In BLUETOOTH/Network standby mode, the speaker's start-up time will be shorter.
- The auto standby function can be turned off by using the dedicated application "SongPal."

Related Topic

- Turning the power off
- Using the BLUETOOTH/Network standby function

- Auto standby function
- Setting the auto standby function

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Precautions

On safety

The nameplate indicating Sony trademark, model number and electrical rating is located on the bottom exterior of the speaker.
The MAC address is located on the bottom exterior of the speaker.

- Before operating the speaker, be sure that the operating voltage of the speaker is identical with that of your local power supply.
  - Where purchased: all countries/regions
  - Operating voltage: varies depending on the country/region.

Notes on the AC adaptor

- When connecting or disconnecting the AC adaptor, turn off the speaker beforehand. Otherwise, it may cause malfunction.
- Use only the supplied AC adaptor. To avoid damaging the speaker, do not use any other AC adaptor.
  Polarity of the plug

- Plug the AC adaptor into a nearby wall outlet (mains). In the case of a problem, unplug it from the wall outlet (mains) immediately.
- Do not install the AC adaptor in a confined space, such as a bookcase or built-in cabinet.
- To reduce the risk of fire or electric shock, do not expose the AC adaptor to dripping or splashing, and do not place objects filled with liquids, such as vases, on the AC adaptor.
- The validity of the CE marking is restricted to only those countries where it is legally enforced, mainly in the countries EEA (European Economic Area).

On placement

- Do not set the speaker in an inclined position.
- Do not leave the speaker in a location near heat sources, or in a place subject to direct sunlight, excessive dust, moisture, rain or mechanical shock.

On operation

- Do not insert any small objects, etc., into the jacks or ventilation hole on the rear of the speaker. The speaker may short out or malfunction.

On cleaning

- Do not use alcohol, benzine, or thinner to clean the cabinet.

Others

- If you have any questions or problems concerning the speaker that are not covered in this Help Guide, please consult your nearest Sony dealer.
- When disposing of or giving away the speaker, make sure to initialize it to reset all settings to the factory defaults.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Notes on charging

Caution

If the speaker detects a problem while charging the battery, the CHARGE indicator may turn off, although charging is not completed.
Check for the following causes:

- Ambient temperature exceeds the range of 5 °C – 35 °C (41 °F – 95 °F).
- There is a problem with the battery.

Note

- Charging time varies depending on battery usage conditions.
- Charge the speaker in an ambient temperature of between 5 °C and 35 °C (41 °F and 95 °F).
- The speaker becomes warm during charging. This is not a malfunction.
- If the speaker is not used for a long time, it may take longer to charge the battery.
- Avoid exposure to rapid temperature change, direct sunlight, moisture, sand, dust, or mechanical shock. Also, never leave the speaker in a car parked in the sun.

Related Topic
Connecting to an AC outlet

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

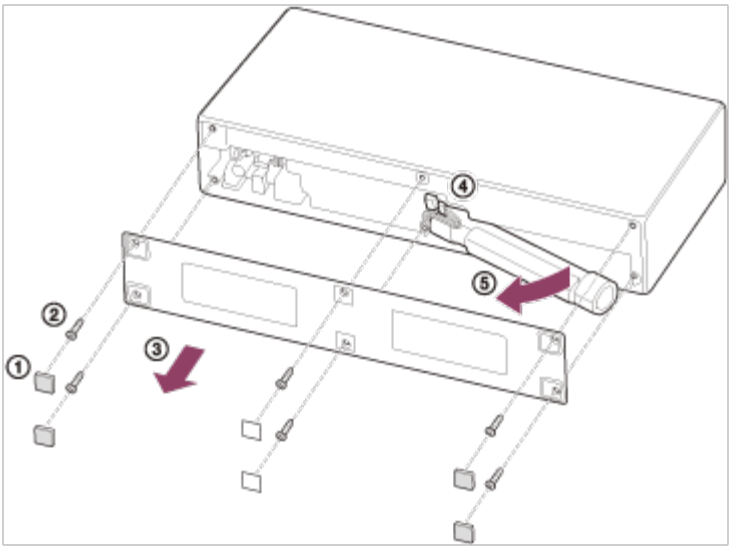
Personal Audio System
SRS-X7

Disposing of the speaker

For environment protection, remove the built-in battery pack from the speaker. Before removing the battery, drain the battery by removing the AC adaptor and using the speaker only with the battery.

Take out the built-in battery for recycling. Do not open the cabinet other than when disposing of the speaker.

1. Turn off the speaker and remove the AC adaptor.
2. Detach the cover from the bottom of speaker to remove the battery pack.
   ① Remove the 6 rubber covers from the bottom of the speaker.
   ② Remove the 6 screws.
   ③ Remove the cover.
   ④ Remove the connector plug from the speaker.
   ⑤ Remove the battery.



Note

- Be careful not to damage the cord cover and battery with metallic tweezers, etc. when you remove the battery pack from the speaker.

Related Topic

- Disposing of or giving away this speaker

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

What is BLUETOOTH wireless technology?

BLUETOOTH wireless technology is a short-range wireless technology that enables wireless data communication between digital devices, such as a computer and digital camera. BLUETOOTH wireless technology operates within a range of about 10 m (about 30 ft).
Connecting two devices as necessary is common, but some devices can be connected to multiple devices at the same time.
You do not need to use a cable for connection, nor is it necessary for the devices to face one another, such is the case with infrared technology. For example, you can use such a device in a bag or pocket.
BLUETOOTH standard is an international standard supported by thousands of companies all over the world, and employed by various companies worldwide.

Maximum communication range

Maximum communication range may shorten under the following conditions.

- There is an obstacle such as a person, metal, or wall between the speaker and BLUETOOTH device.
- A wireless LAN device is in use near the speaker.
- A microwave oven is in use near the speaker.
- A device that generates electromagnetic radiation is in use near the speaker.

Interference from other devices

Because BLUETOOTH devices and wireless LAN (IEEE802.11b/g/n) use the same frequency, microwave interference may occur and resulting in communication speed deterioration, noise, or invalid connection if the speaker is used near a wireless LAN device. In such a case, perform the following.

- Use the speaker at least 10 m (about 30 ft) away from the wireless LAN devices.
- If the speaker is used within 10 m (about 30 ft) of a wireless LAN device, turn off the wireless LAN device.

Interference to other devices

Microwaves emitting from a BLUETOOTH device may affect the operation of electronic medical devices. Turn off the speaker and other BLUETOOTH devices in the following locations, as it may cause an accident.

- where inflammable gas is present, in a hospital, train, airplane, or a gas station
- near automatic doors or a fire alarm

Note

- To be able to use the BLUETOOTH function, the BLUETOOTH device to be connected requires the same profile as the system’s.
  Note also that even if the same profile exists, devices may vary in function depending on their specifications.

Due to the characteristic of BLUETOOTH wireless technology, the sound played on the speaker is slightly delayed from the sound played on the BLUETOOTH device during talking on the telephone or listening to the music.

- This speaker supports security capabilities that comply with the BLUETOOTH standard to provide a secure connection when the BLUETOOTH wireless technology is used, but security may not be enough depending on the setting. Be careful when communicating using BLUETOOTH wireless technology.
- We do not take any responsibility for the leakage of information during BLUETOOTH communication.
- A device featuring the BLUETOOTH function is required to conform to the BLUETOOTH standard specified by Bluetooth SIG, and be authenticated. Even if the connected device conforms to the above mentioned BLUETOOTH standard, some devices may not be connected or work correctly, depending on the features or specifications of the device.
- Noise or sound skips may occur depending on the BLUETOOTH device connected with the speaker, the communication environment, or the usage environment.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Trademarks

- SONY, Sony Entertainment Network and the logos are trademarks of Sony Corporation.
- Windows, the Windows logo, and Windows Media are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.
- This product is protected by certain intellectual property rights of Microsoft Corporation. Use or distribution of such technology outside of this product is prohibited without a license from Microsoft or an authorized Microsoft subsidiary.
- This product incorporates Spotify software which is subject to 3rd party licenses found here:
  http://www.spotify.com/connect/third-party-licenses
  Spotify and Spotify logos are trademarks of the Spotify Group.
- Apple, the Apple logo, AirPlay, iPad, iPhone, iPod, iPod nano, iPod touch, iTunes, Mac, and OS X are trademarks of Apple Inc., registered in the U.S. and other countries. App Store is a service mark of Apple Inc.
  "Made for iPod," "Made for iPhone," and "Made for iPad" mean that an electronic accessory has been designed to connect specifically to iPod, iPhone, or iPad, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod, iPhone, or iPad may affect wireless performance.
- Macintosh and Mac OS are trademarks of Apple Inc., registered in the U.S. and other countries.
- Wi Fi CERTIFIED is a mark of the Wi-Fi Alliance.
- Wi-Fi®, Wi-Fi Protected Access® and Wi-Fi Alliance® are registered marks of the Wi-Fi Alliance.
- Wi-Fi CERTIFIED™, WPA™, WPA2™ and Wi-Fi Protected Setup™ are marks of the Wi-Fi Alliance.
- DLNA™, DLNA Logo and DLNA CERTIFIED™ are trademarks, service marks, or certification marks of the Digital Living Network Alliance.
- ©2013 CSR plc and its group companies.
  The aptX® mark and the aptX logo are trade marks of CSR plc or one of its group companies and may be registered in one or more jurisdictions.
- "S-Master" is a trademark of Sony Corporation.
- ClearAudio+ and ClearAudio+ are trademarks of Sony Corporation.
- "DSEE" and DSEE are trademarks of Sony Corporation.
- MPEG Layer-3 audio coding technology and patents licensed from Fraunhofer IIS and Thomson.
- The BLUETOOTH®word mark and logos are owned by the Bluetooth SIG, Inc., and any use of such marks by Sony Corporation is under license. Other trademarks and trade names are those of their respective owners.
- The N-Mark is a trademark or registered trademark of NFC Forum, Inc., in the United States and in other countries.
- Google Play and Android are trademarks of Google Inc.
- "Xperia" and "Xperia Tablet" are trademarks of Sony Mobile Communications AB.
- WALKMAN® and WALKMAN® logo are registered trademarks of Sony Corporation.

The system names and product names indicated in this Help Guide are generally the trademarks or registered trademarks of the manufacturer. ™ and ® marks are omitted in this Help Guide.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Important information on software

This section covers the software used by this system.

ALAC

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.
   "License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.
   "Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.
   "Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.
   "You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.
   "Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.
   "Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.
   "Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).
   "Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.
   "Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously

marked or otherwise designated in writing by the copyright owner as "Not a Contribution."
"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
   a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
   b) You must cause any modified files to carry prominent notices stating that You changed the files; and
   c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
   d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License. You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.
   You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.
5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an “AS IS” BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS
APPENDIX: How to apply the Apache License to your work.
To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don’t include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.
Copyright [yyyy] [name of copyright owner]
Licensed under the Apache License, Version 2.0 (the “License”); you may not use this file except in compliance with the License.
You may obtain a copy of the License at
http://www.apache.org/licenses/LICENSE-2.0
Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and limitations under the License.

mDNSResponder

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.
   "License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.
   "Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.
   "Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are

under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

   a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

   b) You must cause any modified files to carry prominent notices stating that You changed the files; and

   c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

   d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute

must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions.

   Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don’t include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]
Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License.
You may obtain a copy of the License at
http://www.apache.org/licenses/LICENSE-2.0
Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and limitations under the License.

libFLAC

Copyright (C) 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007 Josh Coalson
Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- Neither the name of the Xiph.org Foundation nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE FOUNDATION OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

WPA Supplicant

Copyright (c) 2003-2013, Jouni Malinen <j@w1.fi> and contributors
All Rights Reserved.
This program is licensed under the BSD license (the one with advertisement clause removed).
If you are submitting changes to the project, please see CONTRIBUTIONS file for more instructions.

License
This software may be distributed, used, and modified under the terms of BSD license:
Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name(s) of the above-listed copyright holder(s) nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Expat

Copyright (c) 1998, 1999, 2000 Thai Open Source Software Center Ltd and Clark Cooper
Copyright (c) 2001, 2002, 2003, 2004, 2005, 2006 Expat maintainers.
Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the Software), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:
The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.
THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT.
IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.
This product incorporates Spotify software which is subject to 3rd party licenses found here:
www.spotify.com/connect/third-party-licenses

Boost

http://www.boost.org/
Boost Software License - Version 1.0 - August 17th, 2003
Permission is hereby granted, free of charge, to any person or organization obtaining a copy of the software and accompanying documentation covered by this license (the "Software") to use, reproduce, display, distribute, execute, and transmit the Software, and to prepare derivative works of the Software, and to permit third-parties to whom the Software is furnished to do so, all subject to the following:
The copyright notices in the Software and this entire statement, including the above license grant, this restriction and the following disclaimer, must be included in all copies of the Software, in whole or in part, and all derivative works of the Software, unless such copies or derivative works are solely in the form of machine-executable object code generated by a source language processor.
THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR ANYONE DISTRIBUTING THE SOFTWARE BE LIABLE FOR ANY DAMAGES OR OTHER LIABILITY, WHETHER IN CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

FastDelegate

http://www.codeproject.com/KB/cpp/FastDelegate.aspx

THE WORK (AS DEFINED BELOW) IS PROVIDED UNDER THE TERMS OF THIS CODE PROJECT OPEN LICENSE ("LICENSE"). THE WORK IS PROTECTED BY COPYRIGHT AND/OR OTHER APPLICABLE LAW. ANY USE OF THE WORK OTHER THAN AS AUTHORIZED UNDER THIS LICENSE OR COPYRIGHT LAW IS PROHIBITED.
BY EXERCISING ANY RIGHTS TO THE WORK PROVIDED HEREIN, YOU ACCEPT AND AGREE TO BE BOUND BY THE TERMS OF THIS LICENSE. THE AUTHOR GRANTS YOU THE RIGHTS CONTAINED HEREIN IN CONSIDERATION OF YOUR ACCEPTANCE OF SUCH TERMS AND CONDITIONS. IF YOU DO NOT AGREE TO ACCEPT AND BE BOUND BY THE TERMS OF THIS LICENSE, YOU CANNOT MAKE ANY USE OF THE WORK.
Definitions.
"Articles" means, collectively, all articles written by Author which describes how the Source Code and Executable Files for the Work may be used by a user.
"Author" means the individual or entity that offers the Work under the terms of this License.
"Derivative Work" means a work based upon the Work or upon the Work and other pre-existing works.
"Executable Files" refer to the executables, binary files, configuration and any required data files included in the Work.
"Publisher" means the provider of the website, magazine, CD-ROM, DVD or other medium from or by which the Work is obtained by You.
"Source Code" refers to the collection of source code and configuration files used to create the Executable Files.
"Standard Version" refers to such a Work if it has not been modified, or has been modified in accordance with the consent of the Author, such consent being in the full discretion of the Author.
"Work" refers to the collection of files distributed by the Publisher, including the Source Code, Executable Files, binaries, data files, documentation, whitepapers and the Articles.
"You" is you, an individual or entity wishing to use the Work and exercise your rights under this License.
Fair Use/Fair Use Rights. Nothing in this License is intended to reduce, limit, or restrict any rights arising from fair use, fair dealing, first sale or other limitations on the exclusive rights of the copyright owner under copyright law or other applicable laws.
License Grant. Subject to the terms and conditions of this License, the Author hereby grants You a worldwide, royalty-free, non-exclusive, perpetual (for the duration of the applicable copyright) license to exercise the rights in the Work as stated below:
You may use the standard version of the Source Code or Executable Files in Your own applications.
You may apply bug fixes, portability fixes and other modifications obtained from the Public Domain or from the Author. A Work modified in such a way shall still be considered the standard version and will be subject to this License.
You may otherwise modify Your copy of this Work (excluding the Articles) in any way to create a Derivative Work, provided that You insert a prominent notice in each changed file stating how, when and where You changed that file.
You may distribute the standard version of the Executable Files and Source Code or Derivative Work in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution.
The Articles discussing the Work published in any form by the author may not be distributed or republished without the Author's consent. The author retains copyright to any such Articles. You may use the Executable Files and Source Code pursuant to this License but you may not repost or republish or otherwise distribute or make available the Articles, without the prior written consent of the Author.
Any subroutines or modules supplied by You and linked into the Source Code or Executable Files this Work shall not be considered part of this Work and will not be subject to the terms of this License.
Patent License. Subject to the terms and conditions of this License, each Author hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, import, and otherwise transfer the Work.
Restrictions. The license granted in Section 3 above is expressly made subject to and limited by the following

restrictions:
You agree not to remove any of the original copyright, patent, trademark, and attribution notices and associated disclaimers that may appear in the Source Code or Executable Files.
You agree not to advertise or in any way imply that this Work is a product of Your own.
The name of the Author may not be used to endorse or promote products derived from the Work without the prior written consent of the Author.
You agree not to sell, lease, or rent any part of the Work. This does not restrict you from including the Work or any part of the Work inside a larger software distribution that itself is being sold. The Work by itself, though, cannot be sold, leased or rented.
You may distribute the Executable Files and Source Code only under the terms of this License, and You must include a copy of, or the Uniform Resource Identifier for, this License with every copy of the Executable Files or Source Code You distribute and ensure that anyone receiving such Executable Files and Source Code agrees that the terms of this License apply to such Executable Files and/or Source Code. You may not offer or impose any terms on the Work that alter or restrict the terms of this License or the recipients' exercise of the rights granted hereunder. You may not sublicense the Work. You must keep intact all notices that refer to this License and to the disclaimer of warranties. You may not distribute the Executable Files or Source Code with any technological measures that control access or use of the Work in a manner inconsistent with the terms of this License.
You agree not to use the Work for illegal, immoral or improper purposes, or on pages containing illegal, immoral or improper material. The Work is subject to applicable export laws. You agree to comply with all such laws and regulations that may apply to the Work after Your receipt of the Work.
Representations, Warranties and Disclaimer. THIS WORK IS PROVIDED "AS IS", "WHERE IS" AND "AS AVAILABLE", WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES OR CONDITIONS OR GUARANTEES. YOU, THE USER, ASSUME ALL RISK IN ITS USE, INCLUDING COPYRIGHT INFRINGEMENT, PATENT INFRINGEMENT, SUITABILITY, ETC. AUTHOR EXPRESSLY DISCLAIMS ALL EXPRESS, IMPLIED OR STATUTORY WARRANTIES OR CONDITIONS, INCLUDING WITHOUT LIMITATION, WARRANTIES OR CONDITIONS OF MERCHANTABILITY, MERCHANTABLE QUALITY OR FITNESS FOR A PARTICULAR PURPOSE, OR ANY WARRANTY OF TITLE OR NON-INFRINGEMENT, OR THAT THE WORK (OR ANY PORTION THEREOF) IS CORRECT, USEFUL, BUG-FREE OR FREE OF VIRUSES. YOU MUST PASS THIS DISCLAIMER ON WHENEVER YOU DISTRIBUTE THE WORK OR DERIVATIVE WORKS.
Indemnity. You agree to defend, indemnify and hold harmless the Author and the Publisher from and against any claims, suits, losses, damages, liabilities, costs, and expenses (including reasonable legal or attorneys' fees) resulting from or relating to any use of the Work by You.
Limitation on Liability. EXCEPT TO THE EXTENT REQUIRED BY APPLICABLE LAW, IN NO EVENT WILL THE AUTHOR OR THE PUBLISHER BE LIABLE TO YOU ON ANY LEGAL THEORY FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL, PUNITIVE OR EXEMPLARY DAMAGES ARISING OUT OF THIS LICENSE OR THE USE OF THE WORK OR OTHERWISE, EVEN IF THE AUTHOR OR THE PUBLISHER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.
Termination.
This License and the rights granted hereunder will terminate automatically upon any breach by You of any term of this License. Individuals or entities who have received Derivative Works from You under this License, however, will not have their licenses terminated provided such individuals or entities remain in full compliance with those licenses. Sections 1, 2, 6, 7, 8, 9, 10 and 11 will survive any termination of this License.
If You bring a copyright, trademark, patent or any other infringement claim against any contributor over infringements You claim are made by the Work, your License from such contributor to the Work ends automatically.
Subject to the above terms and conditions, this License is perpetual (for the duration of the applicable copyright in the Work). Notwithstanding the above, the Author reserves the right to release the Work under different license terms or to

stop distributing the Work at any time; provided, however that any such election will not serve to withdraw this License (or any other license that has been, or is required to be, granted under the terms of this License), and this License will continue in full force and effect unless terminated as stated above.
Publisher. The parties hereby confirm that the Publisher shall not, under any circumstances, be responsible for and shall not have any liability in respect of the subject matter of this License. The Publisher makes no warranty whatsoever in connection with the Work and shall not be liable to You or any party on any legal theory for any damages whatsoever, including without limitation any general, special, incidental or consequential damages arising in connection to this license. The Publisher reserves the right to cease making the Work available to You at any time without notice
Miscellaneous
This License shall be governed by the laws of the location of the head office of the Author or if the Author is an individual, the laws of location of the principal place of residence of the Author.
If any provision of this License is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this License, and without further action by the parties to this License, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.
No term or provision of this License shall be deemed waived and no breach consented to unless such waiver or consent shall be in writing and signed by the party to be charged with such waiver or consent.
This License constitutes the entire agreement between the parties with respect to the Work licensed herein. There are no understandings, agreements or representations with respect to the Work not specified herein. The Author shall not be bound by any additional provisions that may appear in any communication from You. This License may not be modified without the mutual written agreement of the Author and You

libogg

http://www.xiph.org/ogg/
Copyright (c) 2002, Xiph.org Foundation
Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:
Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
Neither the name of the Xiph.org Foundation nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.
THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE FOUNDATION OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

libvorbis

http://www.xiph.org/vorbis/
Copyright (c) 2002-2004 Xiph.org Foundation
Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
Neither the name of the Xiph.org Foundation nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.
THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE FOUNDATION OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Tremolo

http://wss.co.uk/pinknoise/tremolo
Copyright (C) 2002-2009 Xiph.org Foundation Changes Copyright (C) 2009-2010 Robin Watts for Pinknoise Productions Ltd
Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:
Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
Neither the name of the Xiph.org Foundation nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.
THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE FOUNDATION OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Tremor

http://wiki.xiph.org/index.php/Tremor
Copyright (c) 2002, Xiph.org Foundation
Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

- Neither the name of the Xiph.org Foundation nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS “AS IS” AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE FOUNDATION OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Mersenne Twister

http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/MT2002/CODES/mt19937ar.c

Copyright (C) 1997 - 2002, Makoto Matsumoto and Takuji Nishimura,

All rights reserved.

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

The names of its contributors may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS “AS IS” AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

zlib

http://www.zlib.net/

zlib.h -- interface of the ‘zlib’ general purpose compression library version 1.2.3, July 18th, 2005

Copyright (C) 1995-2004 Jean-loup Gailly and Mark Adler

This software is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.

Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.

This notice may not be removed or altered from any source distribution.

Jean-loup Gailly jloup@gzip.org,

Mark Adler madler@alumni.caltech.edu

cURL

http://curl.haxx.se

COPYRIGHT AND PERMISSION NOTICE
Copyright (c) 1996 - 2011, Daniel Stenberg, <daniel@haxx.se>.
All rights reserved.
Permission to use, copy, modify, and distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.
THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.
Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Software without prior written authorization of the copyright holder.

c-ares

http://c-ares.haxx.se

Copyright 1998 by the Massachusetts Institute of Technology.
Permission to use, copy, modify, and distribute this software and its documentation for any purpose and without fee is hereby granted, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation, and that the name of M.I.T. not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission. M.I.T. makes no representations about the suitability of this software for any purpose. It is provided "as is" without express or implied warranty.

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Customer support websites

Please access the following support home page to get the support information about your speaker:

For customers in Europe:
http://support.sony-europe.com
For customers in the U.S.A.:
http://esupport.sony.com/US
For customers in Canada:
http://esupport.sony.com/CA/
For customers in other countries/regions:
http://www.sony-asia.com/section/support

Notes on use

4-537-384-11(2)
Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

What can I do to solve a problem?

If the speaker does not function as expected, try the following steps to resolve the issue.

- Find the symptoms of the issue in this Help Guide, and try any corrective actions listed.
- Connect the speaker to an AC outlet via the AC adaptor to charge the battery.
  You may be able to resolve some issues by charging the battery.
- Push the RESET button of the speaker.
- Initialize the speaker.
  All settings of the speaker return to their factory defaults. All the pairing information and all the network settings are deleted.
- Look up information on the issue on the customer support website.

If the operations above do not work, consult your nearest Sony dealer.

Related Topic
Connecting to an AC outlet
Using the RESET button
Initializing the speaker
Customer support websites

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Unable to turn on the speaker or charge the built-in battery

- Charge the built-in battery.
- Make sure the AC adaptor is connected to the speaker and the AC outlet firmly.
- Push the RESET button on the rear of the speaker.

Related Topic
Connecting to an AC outlet
Using the RESET button

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

None of the speaker buttons can be operated.

- If the | / ⏻ (on/standby) indicator is flashing red, the speaker may be in the protect mode.
- Push the RESET button on the rear of with a pointed object, such as a pin. Then turn on the speaker. If the | / ⏻ (on/standby) indicator keeps flashing, consult your nearest Sony dealer or the shop from which you purchased this speaker.

Related Topic
Connecting to an AC outlet

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

The speaker has entered standby mode or BLUETOOTH/Network standby mode unexpectedly.

- This is not a malfunction. The speaker enters standby mode or BLUETOOTH/Network standby mode automatically if no operation is performed and no sound is input for about 15 minutes. For details, refer to "Auto standby function."

Related Topic
Auto standby function

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

No sound/Sound from only one speaker/Low sound level

- Check that both the speaker and the connected device are turned on.
- Turn up the volume of the speaker and the connected device.
- Check that the connected device is playing back.
- If the device is connected to the AUDIO IN jack, check that both plugs of the audio cable (not supplied) are firmly inserted into the speaker and the connected device.
- If the device that is connected to the AUDIO IN jack is monaural, sound will only be output from the left speaker.
- Keep the speaker away from metal objects.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Distorted sound/Humming or noise in the speaker output

- Turn down the volume of the connected device.
- If the connected device has an equalizer function, set it to off.
- Keep the speaker away from a microwave oven, etc.
- Charge the speaker by connecting the AC adaptor if the CHARGE indicator is flashing.
- If you connect a device with a built-in radio or tuner to the speaker, broadcasts may not be received, or sensitivity may be reduced. Locate the speaker farther away from the device and check that you can listen to broadcasts satisfactorily.
- Move the speaker away from sources of noise.
- Connect the speaker to a different wall outlet.
- Use of an AC power extension cord with a noise filter (not supplied) is recommended.
- Keep the speaker away from metal objects.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

The speaker cannot connect to the network. (Other equipment on the network cannot find or recognize the speaker.)

- It takes about 1 minute for the speaker to acquire an IP address when it is turned on in a communication environment without a router.
- If you use a fixed IP address, the same IP address may be used by other equipment. Therefore, use a different IP address.
- There are several home networks. The computer and smartphone are connected to a different network than the speaker.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

The speaker cannot connect to the network via a Wi-Fi network connection.

- Make sure the wireless router/access point is turned on.
- When the speaker is connected to a Wi-Fi network, place the wireless router/access point and the speaker closer together and perform the setup again.
- If a LAN cable is connected to the speaker, it automatically makes a wired network connection. If you wish to use a Wi-Fi network connection, do not connect a LAN cable to the speaker.
- Check the settings of the wireless router/access point. Make sure the SSID stealth mode is set to OFF on the wireless router. For details on the settings of the wireless router, refer to its operating instructions.
- Bring the speaker and wireless router closer together. Devices that use the 2.4 GHz frequency band, such as a microwave oven, BLUETOOTH or digital cordless device, etc., may interrupt Wi-Fi communication. Move the speaker away from such devices or turn them off.
- The speaker does not support 5 GHz bands such as IEEE 802.11a for Wi-Fi network. Connect the speaker to a Wi-Fi network using IEEE 802.11b or IEEE 802.11g.
- There are several home networks. The computer and smartphone are connected to a different network than the speaker.

Notes on use

4-537-384-11(2)
Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

The speaker cannot connect to a network using the WPS button.

- Set up your network after searching the wireless router/access point using the computer connected to the speaker (access point scan).
- Update the firmware of the wireless router/access point to the latest version.
- Press and hold the WPS button for about two seconds.
- Refer to the operating instructions of your wireless router to check if you are operating the WPS button on the wireless router correctly.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

The speaker does not appear in the device list on the computer's music playback application.

- Check the network connection.
- Check that the speaker and the computer are connected to the same network.
- Check that the speaker is turned on.
- If your computer uses a firewall, this may prevent the speaker from appearing on the list.
  In this case, disable the firewall software. For details, refer to the operating instructions or help guide of the firewall software.

Notes on use

4-537-384-11(2)
Copyright 2014 Sony Corporation

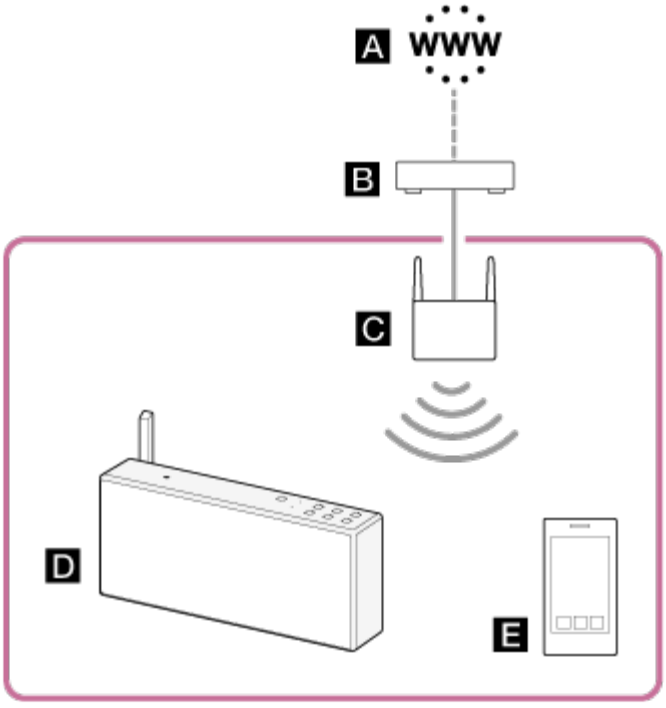
Personal Audio System
SRS-X7

The speaker does not appear in the device select screen on "SongPal."

- Check the network connection.
- Check that the speaker and the smartphone/iPhone are connected to the same network.

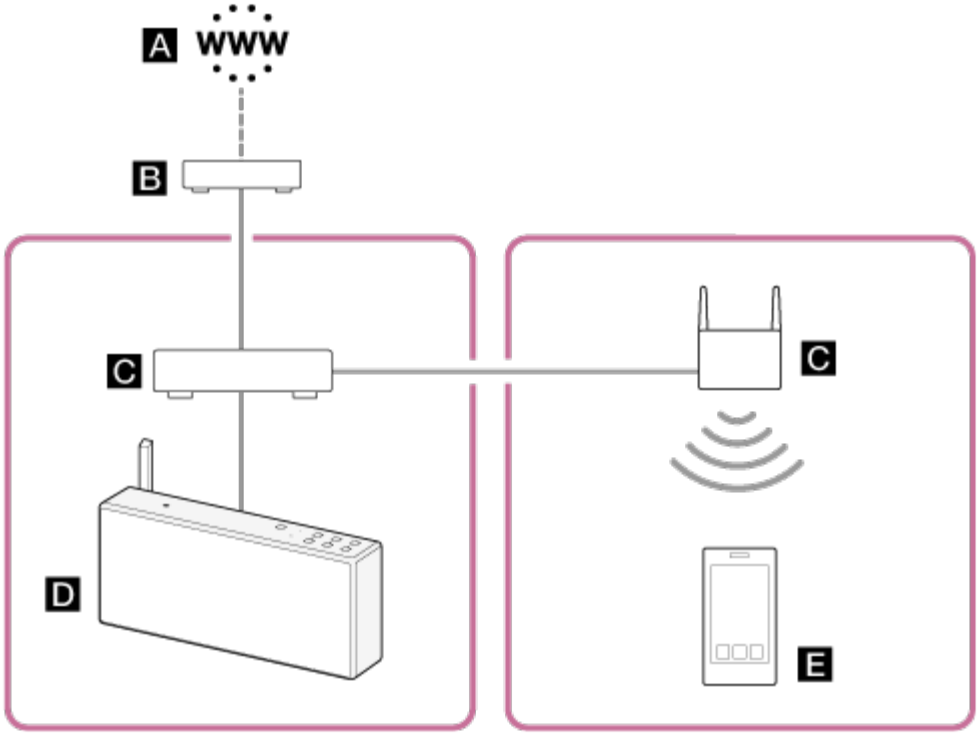
  Example of a good network connection

  (The speaker (D) and the smartphone/iPhone (E) are connected to one router (C), so they belong to the same network.)
  In this situation, the smartphone/iPhone is able to recognize the speaker using "SongPal."



Example of a bad network connection

(The speaker (D) and the smartphone/iPhone (E) are connected to different routers (C) or servers, so they belong to different networks.)
In this situation, the smartphone/iPhone is not able to recognize the speaker using "SongPal."



A : Internet
B : Modem
C : Router
D : Speaker
E : Smartphone/iPhone

Distribute the connection using a network hub or a Wi-Fi access point set to infrastructure mode when it is difficult to connect the speaker and the smartphone/iPhone directly to one router (for example, when using "SongPal" on a smartphone/iPhone placed in a different room from the speaker).

Depending on your network environment, for example if you are living in an apartment building, the router may be shared with the other residents. For details about your network environment, contact the person in charge of your network. You can verify the SSID of the wireless router/access point that the speaker is connected to. While the speaker is connected to the wireless router/access point, do steps 1 to 7 of "Connection method 2: Connecting to a Wi-Fi network using a computer connected with a LAN cable," then check the SSID of the wireless router/access point on the screen of step 7.

Related Topic

- Connection method 2: Connecting to a Wi-Fi network using a computer connected with a LAN cable

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

The speaker cannot connect to music services.

- Make sure the wireless router/access point is turned on.
- When the speaker is connected to a Wi-Fi network, place the wireless router/access point and the speaker closer together and perform the setup again.
- Depending on the provider, only one connection to the internet may be allowed. In that case, the speaker will not be able to connect if the connection is currently occupied. Please consult your carrier or service provider.
- If you turn on your smartphone or iPhone after a moment of power off, try to restart the "SongPal" application.
- About the settings of Music Unlimited, refer to the following URL:
  http://munlimited.com/home/

Related Topic
What you can do with "SongPal"

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

The controller cannot find the speaker. (The controller cannot browse the contents of the speaker.)

- Make sure the wireless router/access point is turned on.
- When the speaker is connected to a Wi-Fi network, place the wireless router/access point and the speaker closer together and perform the setup again.
- Make sure that the controller is connected to the home network.
- Disable the multicast control on the wireless router/access point.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Music started automatically.

- The speaker may be under the control of another component. To defeat the control, set the BLUETOOTH/Network standby function to off.

Related Topic
Using the BLUETOOTH/Network standby function
Setting the auto standby function

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

The sound is interrupted.

- The DLNA server is overloaded. Quit all running applications.
- Wireless signal condition is poor. Stop using your microwave oven.
- The communication speed of the Wi-Fi network may become slower for IEEE802.11n-compliant wireless routers/access points if the security method is set to WEP or WPA/WPA2-PSK (TKIP). If slower speed occurs, change the security method to WPA/WPA2-PSK (AES). The encryption (security) scheme varies depending on the device. For details, refer to the operating instructions of your router/access point.
- If the sound is interrupted or noise is generated via a Wi-Fi connection, connect the speaker and wireless router via a LAN cable, not via Wi-Fi. If the quality still does not improve, also connect the computer and wireless router via a LAN cable.

Related Topic
Checking the Wi-Fi signal strength (reception sensitivity)
Connection method 4: Connecting to a wired network

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Playback does not start.

- Check that the speaker and the network device are connected to your home network.
- Check whether the audio file is improper or has been deleted from the server. Refer to the operating instructions of the server.
- The server tries to play the audio file in an audio format that the speaker does not support. Check the audio format information on the server.
- Disable the multicast control on the wireless router/access point. If it is enabled, it may take several minutes to output audio. For details, refer to the operating instructions of the wireless router/access point.
- Access from the speaker may not be permitted by the server. Change the settings on the server to allow access from the speaker. For details, refer to the operating instructions of the server.

Related Topic
DLNA (Digital Living Network Alliance)

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

The speaker cannot be found from an iPhone/iPod touch/iPad or computer with iTunes.

- Make sure the wireless router/access point is turned on.
- When the speaker is connected to a Wi-Fi network, place the wireless router/access point and the speaker closer together and perform the setup again.
- It takes about 1 minute for the speaker to acquire an IP address when the speaker is turned on in a communication environment without a router.
- If you use a fixed IP address, the same IP address may be used by other equipment. Therefore, use a different IP address.
- Make sure that the iPhone/iPod touch/iPad or computer with iTunes is connected to your home network.
- Before using with the speaker, update iOS and iTunes to the latest versions.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Music started automatically.

- The speaker may be under the control of another component. To defeat the control, set the BLUETOOTH/Network standby function to off.

Related Topic
Using the BLUETOOTH/Network standby function
Setting the auto standby function

Notes on use

4-537-384-11(2)
Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

There is no sound, or the sound skips during playback.

- Make sure that the iPhone/iPod touch/iPad or computer with iTunes is connected to your home network.
- The server is overloaded. Quit all unnecessary running applications.
- Wireless signal condition is poor. Stop using your microwave oven.
- The communication speed of the Wi-Fi network may become slower for IEEE802.11n-compliant wireless routers/access points if the security method is set to WEP or WPA/WPA2-PSK (TKIP). If slower speed occurs, change the security method to WPA/WPA2-PSK (AES). The encryption (security) scheme varies depending on the device. For details, refer to the operating instructions of your router/access point.
- If the sound is interrupted or noise is generated via a Wi-Fi connection, connect the speaker and wireless router via a LAN cable, not via Wi-Fi. If the quality still does not improve, also connect the computer and wireless router via a LAN cable.

Related Topic
Checking the Wi-Fi signal strength (reception sensitivity)
Connection method 4: Connecting to a wired network

Notes on use

4-537-384-11(2)
Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

The speaker cannot be operated.

- Update the software version of the iPhone/iPod touch/iPad to the latest version.
- Update the software of the speaker to the latest version.
- Make sure another device is not streaming to the AirPlay compatible device at the same time.
- Update the "SongPal" software to the latest version.

Related Topic
Updating the software

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Unable to pair the speaker with a BLUETOOTH device

- Bring the speaker and the BLUETOOTH device to within 1 m (3 ft) of each other.
- If the (BLUETOOTH) indicator is not flashing quickly in white, tap and hold the (BLUETOOTH) (PAIRING) button until the speaker beeps and the (BLUETOOTH) indicator starts flashing quickly in white.
- Connect the speaker to an AC outlet or charge the battery of the speaker sufficiently.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Unable to connect the speaker to a BLUETOOTH device with One-touch connection (NFC)

- Keep the smartphone close to the speaker until the smartphone reacts. If you fail to connect, move the smartphone slowly on the N-Mark of the speaker.
- Check that the NFC function of the smartphone is set to on.
- If the smartphone is in a case, remove it.
- NFC reception sensitivity varies, depending on the device. If you repeatedly fail to connect the speaker with a smartphone by one touch, make the connection by on-screen operation.
- Check that your smartphone is compatible with NFC. Look up information on the issue on the customer support website.

Related Topic
Compatible BLUETOOTH devices

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

There is no sound

- If you are connecting a personal computer to the speaker, make sure the audio output setting of the computer is set for a BLUETOOTH device.
- Check that the speaker has established BLUETOOTH connection with the BLUETOOTH device.
- Pair the speaker and the BLUETOOTH device again.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Distorted sound/Humming or noise in the speaker output

- Bring the speaker and the BLUETOOTH device closer together. Remove any obstacles between the speaker and the BLUETOOTH device.
- Select "Priority on stable connection" for BLUETOOTH audio streaming playback quality.

Related Topic
Selecting the BLUETOOTH audio streaming playback quality

Notes on use

4-537-384-11(2)

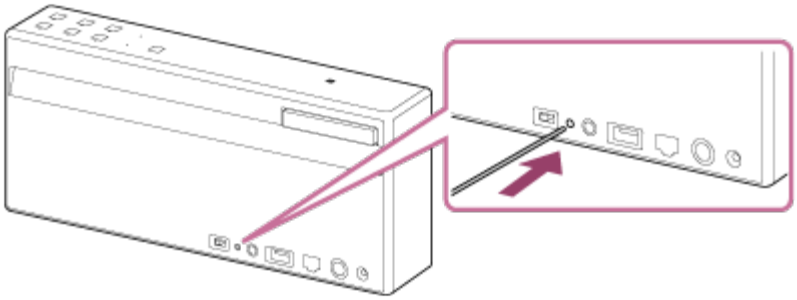
Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Using the RESET button

If any of the followings occurs, push the RESET button on the rear of the speaker with a pointed object, such as a pin.

- The speaker cannot be turned on.
- The speaker cannot be operated even when it is turned on.
- The | / ⏻ (on/standby) indicator flashes in red.



After pushing the RESET button, turn on the speaker. If it does not turn on, consult your nearest Sony dealer.

Notes on use

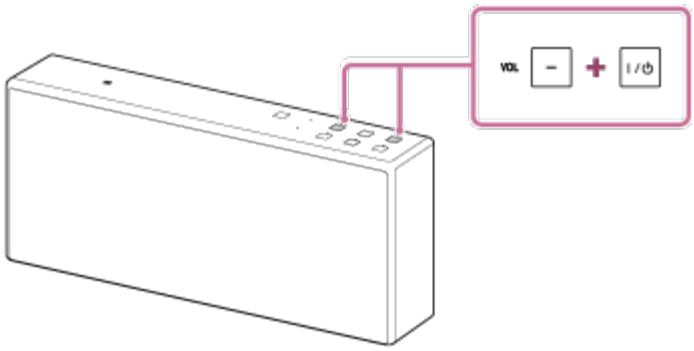
4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Initializing the speaker

With the speaker turned on, press and hold the VOL (volume) – button and the | / ⏻ (on/standby) button at the same time for more than 5 seconds.
When the speaker receives the signal, the | / ⏻ (on/standby) button flashes in green quickly for about two seconds.



The speaker is initialized, and it enters the standby mode. All settings of the speaker return to their factory defaults. All the pairing information and all the network settings are deleted.

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation

Personal Audio System
SRS-X7

Disposing of or giving away this speaker

- When disposing of or giving away this speaker, erase information from the speaker. Make sure you to initialize it to reset all settings to the factory defaults.
- If you use a network service such as music service, information about the speaker may be retained by the service provider. In this case, contact the network service provider to delete information of the speaker.

Related Topic
Disposing of the speaker
Initializing the speaker

Notes on use

4-537-384-11(2)

Copyright 2014 Sony Corporation