

# DHT-391XP

Home Theater System

100<sup>th</sup>  
Anniversary  
since 1910

# DENON

## 3D Ready 5.1 Channel Home Theater System: AVR-391: 3D Ready A/V Surround Receiver SYS-391HT: 5.1 Channel Matched Speaker System



### Features

#### AVR-391 A/V Surround Receiver

Prepared for 3D (Blu-ray and Broadcast)

#### New Features

- Featuring 3D pass-through technology
- Supports HDMI 1.4a with 3D, Deep Color, "x.v.Color"
- 4 x HDMI in / 1 x HDMI out (Repeater)
- Stereo Mini Jack on front panel lets you connect your portable audio player

#### State-of-the-art Denon Solutions for Maximizing Content Quality

- Fully discrete, identical quality and power for all 5 channels (110 W x 5 ch)
- Stable power supply for high-quality sound and picture playback
- High definition audio support with Dolby TrueHD and DTS-HD Master Audio
- Minimum Signal Path for clear audio and video signal
- Direct Mechanical Ground Construction, embodying concepts for thorough vibration resistance
- Denon's exclusive Compressed Audio Restorer to enhance digital music files

#### Connectivity & Future-ready Expandability

- Dock connectivity for iPod® and network streaming

#### Ease-of-Use

- Comes with simple, easy-to-use remote control
- Three Quick Select buttons
- Sleep timer function
- Auto surround mode
- Audio level memory, capable of correcting different signal levels for each input device

#### Others

- Audio Delay function (max. 6 frames or 200 mSec)
- Muting level settings (Full/-40dB/-20dB)
- Variable subwoofer crossover switching
- Lower power consumption at stand-by 0.5 W (Standby)

#### SYS-391HT 5.1 Channel Home Theater Speaker System

For rich, dynamic sound you cannot get from TV speakers!

#### Two way design front (L/R) speakers

- Slim front speakers, can be shelf or wall mounted - wall mount keyhole hook provided on speaker rear panel
- 8cm bass-mid driver
- 2.5cm balanced dome tweeter
- Wooden cabinet

#### Two way design center speaker

- Center speaker provides clear movie dialog and music vocal tracks easy to hear.
- Dual 8cm bass-mid drivers
- 2.5cm balanced dome tweeter
- Wooden cabinet with wall mount keyhole hook provided on rear panel

#### Surround speakers

- Compact surround speakers can be shelf or wall mounted - keyhole hook provided
- 8cm full-range driver
- Wooden cabinet

#### Matching subwoofer

- 100 Watts powered subwoofer provides abundant and powerful deep bass
- Compact cabinet can be easily tucked away, out of sight

Main Specifications	
<b>AVR-391</b>	
<b>Power amplifier section</b>	
Rated output	*THD figures are power amp stage values.
Front L/R	75 W + 75 W (8 ohms, 20 Hz - 20 kHz, THD 0.08 %) 110 W + 110 W (6 ohms, 1 kHz, THD 0.7%)
Center	75 W (8 ohms, 20 Hz - 20 kHz, THD 0.08 %) 110 W (6 ohms, 1 kHz, THD 0.7%)
Surround L/R	75 W + 75 W (8 ohms, 20 Hz - 20 kHz, THD 0.08 %) 110 W + 110 W (6 ohms, 1 kHz, THD 0.7%)
<b>Preamplifier section</b>	
Input sensitivity/impedance	200 mV / 47 kΩ/kohms
Frequency response	10 Hz ~ 100 kHz —+1, -3 dB (DIRECT mode)
S/N Ratio	98 dB (IHF-A weighted, DIRECT mode)
<b>FM section</b>	
Tuning frequency range	87.5 - 107.9 MHz
Usable sensitivity	1.2 μV (12.8 dBf)
<b>AM section</b>	
Tuning frequency range	520 - 1710 kHz
Usable sensitivity	18 μV
<b>General</b>	
Power supply	AC 120 V , 60 Hz
Power consumption	330 W (Standby 0.5 W)
Dimensions (W x H x D)	17-3/16" x 6-1/2" x 15" 434 x 166 x 381 mm
Weight	20 lbs 4.5 oz, 9.2 kg

<b>SC-F391</b>	
Type	2-way, 2-drivers, magnetically shielded
Frequency range	150 Hz - 22 kHz
Input impedance	6 ohms
Dimensions (W x H x D)	4-59/64" x 12-19/32" x 6-7/64" 125 x 320 x 155 mm
Weight	4 lbs 6.6 oz 2.0 kg

<b>SC-C391</b>	
Type	2-way, 3-drivers, magnetically shielded
Frequency range	150 Hz - 22 kHz
Input impedance	6 ohms
Dimensions (W x H x D)	12-19/32" x 4-59/64" x 6-7/64" 320 x 125 x 155 mm
Weight	4 lbs 6.6 oz 2.0 kg

<b>SC-R391</b>	
Type	Full-range, single driver
Frequency range	150 Hz - 20 kHz
Input impedance	6 ohms
Dimensions (W x H x D)	4-59/64" x 7-3/32" x 6-7/64" 125 x 180 x 155 mm
Weight	2 lbs 6.8 oz 1.1 kg

<b>DSW-391</b>	
Type	Built-in power amplifier
Frequency range	20 Hz - 150 Hz
Dynamic power	100 Watts
Input impedance	22 kohms
Power supply	120 V / 60 Hz
Power consumption	65 W
Dimensions (W x H x D)	11-1/32" x 14-1/64" x 16-9/64" 280 x 356 x 410 mm
Weight	22 lbs 14.8 oz 10.4 kg

Ports		
In	HDMI	x 4
	S-Video	x 1
	Composite (Video)	x 3
	Analog Audio (Tuner included)	x 6
	Digital Optical	x 1
Out	HDMI Monitor	x 1
	Composite Monitor	x 1
	Audio Preout (Surround Back L/R, SW)	x 2
	Phones	x 1
Other	Dock Control Port	x 1
	FM Tuner Antenna	x 1
	AM Tuner Antenna	x 1

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