

Uniden®

 **Bearcat®** 980 SSB

Owner's Manual



Printed in Vietnam
U01UT563ZZZ(0)

CONTENTS

SAFETY NOTICE	4
UNPACKING	5
DESCRIPTION	5
EMERGENCY OPERATION	5
CONTROLS AND FUNCTIONS	6
INSTALLATION.....	9
MOBILE INSTALLATION	9
<i>Mobile Antenna.....</i>	<i>9</i>
<i>Connecting the Power Cords</i>	<i>10</i>
<i>Ground Information</i>	<i>10</i>
INSTALL 6-PIN TO 4-PIN ADAPTER	10
MARINE INSTALLATION	11
USING YOUR BEARCAT 980 SSB	11
CB MODE.....	11
BASIC SETTINGS.....	11
ALL CHANNEL SCAN.....	12
WEATHER MODE (WX MODE)	12
<i>Set Weather Alert Mode.....</i>	<i>13</i>
<i>MEMORY Mode.....</i>	<i>13</i>
<i>Save Channels Into Memory</i>	<i>13</i>
<i>Scan Channels in Memory</i>	<i>13</i>
<i>Listen to Channels in Memory</i>	<i>13</i>
<i>Clear Channels from Memory.....</i>	<i>14</i>
MENUS	14
<i>Select Display Mode (Day/Night)</i>	<i>14</i>
<i>Select Backlight Color.....</i>	<i>14</i>
<i>Set LCD Contrast</i>	<i>15</i>
<i>Set Brightness</i>	<i>15</i>
<i>Diagnostic Menus</i>	<i>15</i>
<i>Battery Check.....</i>	<i>16</i>

<i>Antenna Mismatch Check</i>	16
<i>RF Power Check</i>	16
<i>EXIT Menu</i>	16
OTHER FEATURES	17
<i>S/RF/CAL/SWR Meter</i>	17
<i>Calibrate Standing Wave Ratio (SWR)</i>	17
PREVENTIVE MAINTENANCE	17
MAINTENANCE	17
TROUBLESHOOTING	18
SERVICING YOUR TRANSCEIVER	19
SPECIFICATIONS	19
TWO-YEAR EXTENDED WARRANTY	21
RADIO CODE DEFINITIONS	23

Uniden is a registered trademark of Uniden America Corporation.
 Bearcat is a registered trademark of Uniden America Corporation.



Features, specifications, and availability of optional accessories are all subject to change without notice..

SAFETY NOTICE

The antenna used for this radio must be properly installed and maintained and must provide a separation distance of at least 59 cm (23.2 inches) from all persons and must not be collocated or operated in conjunction with any other antenna or transmitter. Never transmit if any person is closer than the specified distance to the antenna.

Note that Uniden does not specify or supply any antenna with this transceiver. While a 0 dBi gain antenna is normal for a typical installation, the above limit applies to any antenna with up to 3 dBi gain.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Changes or modifications to this product or use of accessories not expressly approved by Uniden, or operation of this product in any way other than as provided in the Uniden Owner's Manual could void your authority to operate this product.

L'appareil est conforme aux normes d'Industrie Canada. Son fonctionnement est soumis aux deux conditions suivantes : (1) Ce dispositif ne doit pas causer d'interférences et (2), il doit pouvoir accepter les interférences, incluant celles pouvant nuire à son fonctionnement normal.

Tous les changements apportés à cet appareil, s'ils ne sont pas expressément approuvés par Uniden ou toute utilisation de celui-ci d'une autre manière que celle décrite dans ce guide peut annuler votre autorisation de le faire fonctionner.

:

UNPACKING

Your Bearcat 980 SSB contains the following:

- Bearcat 980 SSB CB 2-way mobile radio
- Microphone
- Mounting Bracket Kit
- DC Power Cord
- 6-pin to 4-pin microphone adapter
- Owner's Manual
- Part 95 Subpart D (FCC Rules)

If any items are missing or damaged, contact your place of purchase immediately.

DESCRIPTION

Your Uniden Bearcat 980 SSB represents the highest quality communications device designed for use in the Citizens Band Radio Service. It will operate on any of the 40 AM frequencies authorized by the Federal Communications Commission (FCC).



The Citizens Band Radio Service is under the jurisdiction of the Federal Communications Commission (FCC). Any adjustments or alterations which would alter the performance of the transceiver's original FCC type acceptance, or which would change the frequency determining method, are strictly prohibited.

Replacement or substitution of crystal, transistors, ICs, regulator diodes, or any other part of a unique nature, with parts other than those recommended by Uniden, may cause violations of the technical regulations in Part 95 of the FCC Rules or in violation of type acceptance requirements in Part 2 of the rules.

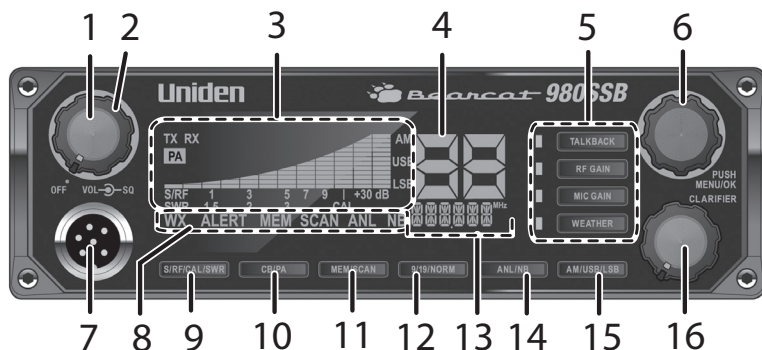
EMERGENCY OPERATION

1. Press **9/19/NORM** or turn **Channel Selector** knob to Channel 9.
2. Press **PTT** on the microphone and speak clearly.
3. If there is no response, select an active channel and ask that party to relay your emergency broadcast on Channel 9.

NOTE

All channels except Channel 9 may be used for normal communication. The FCC reserves Channel 9 for emergencies involving the immediate safety of individuals or protection of property. Use Channel 9 to render assistance to a motorist. This is an FCC rule and applies to all CB radio operators.

CONTROLS AND FUNCTIONS



1. **Volume Control** knob with **Power On/Off**. Turn the knob clockwise until it clicks to turn power on. Continue turning the knob clockwise to increase the volume. Turn the **Volume Control** knob counterclockwise to decrease the volume or until it clicks to turn power off.
2. **SQUELCH** knob: Reduces background noise when there is no incoming signal.
3. **S/R/F/CAL/SWR Meter**: Displays Receive signal strength, RF Power, and SWR reading.
4. **Channel Number display**.
5. **Operation buttons and associated LEDs**:
 - **Talkback**: Talkback lets you monitor yourself when transmitting. Press **Talkback** to activate the function (LED = on). With Talkback active, press and hold the **PTT** button and adjust the talkback volume with the **Channel Selector** knob. (Levels 01 - 15). The LED will stay on for 5 seconds after you release the **PTT** button.
 - **RF Gain**: Adjusts receive signal sensitivity. With RF Gain active,

press and hold the **PTT** button and adjust the gain levels with the **Channel Selector** knob. (Levels 1 - 5). The LED will stay on for 5 seconds after adjusted.

- **MIC Gain:** Adjusts microphone gain. Delivers up to 100% modulation. With MIC Gain active, press and hold the **PTT** button and adjust the gain levels with the **Channel Selector** knob. (Levels 1 - 4). The LED will stay on for 5 seconds after you release the **PTT** button.
 - **Weather:** Press to toggle between Weather and CB channels. Turn **Channel Selector** to cycle through the 7 weather channels. (LED off = CB channels; LED on = Weather channels). Press and hold to turn Weather Alert on and off. *ALERT* displays.
6. **Channel Selector/MENU/OK.** Press the inner **MENU/OK** button to select a menu option or other selection. Turn the outer **Channel Selector** knob to:
- Select channels.
 - Select Night or Day Modes. Press **MENU/OK** to set up your preferred day and night mode settings.
 - Select menu modes.
 - Change scan resume direction (up or down).
 - Control Talkback volume.
 - Control RF gain.
 - Control Mic gain level.

NOTE

All channels except Channel 9 may be used for normal communication. The FCC reserves Channel 9 for emergencies involving the immediate safety of individuals or protection of property. Use Channel 9 to render assistance to a motorist. This is an FCC rule and applies to all CB operators.

- 7. Microphone socket.
- 8. Indicators turn on when the function is turned on.
- 9. **S/RF/CAL/SWR:** Press to check RF signal strength, calibration, and SWR reading.
- 10. **CB/PA:** Selects **CB** (Citizens Band) or **PA** (Public Address).

NOTE

Do not use the PA function unless an external speaker is connected.

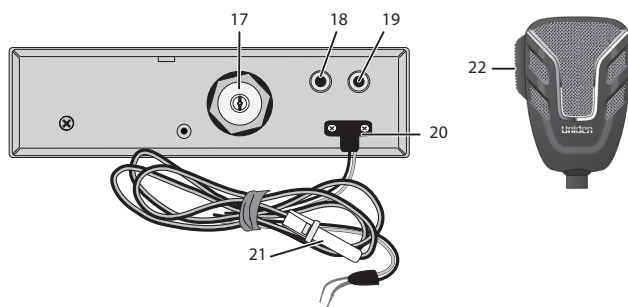
11. **MEM/SCAN:** Press to start or stop scanning modes [All Channel Scan (see *page 12*) and Memory Scan (see *page 12*)]. Press and hold to set or clear channel memory while in Memory mode.
12. **9/19/NORM:** Press to switch between emergency channel 9, channel 19, and standard CB channels.
13. **Frequency Display:** Displays the MHz of the selected channel. Also displays menu options.
14. **ANL/NB:** Provides 3-way control of **ANL** (Automatic Noise Limiter) or **NB** (Noise Blanker) features — ANL on, NB on, or both ANL and NB on or off. **ANL** reduces external noise. **NB** reduces interference from vehicle ignition systems. Press and hold for one second to turn key beep tone on and off.



*Use this button to turn key beep on and off. Press and hold until **BP ON** or **BP OFF** displays.*

AM/USB/LSB: Three-way switch to select AM, USB or LSB operation.

15. **Clarifier:** 1.5 kHz. Adjust Receive Frequency without changing the transmitter frequency (Fine and Course adjustment).



16. **Antenna socket:** Connects antenna to the unit.
17. **PA SP:** Connects optional external 8-ohm, 4-watt speaker for use as a public address system.



To prevent acoustic feedback, separate the microphone from the speaker when operating the PA at high output levels.

18. **EXT. SP:** Connects 8Ω 4W speaker to remotely monitor receiver.



When the external speaker is plugged in, the internal speaker is off.

- 19. **POWER** +12 VDC: Connects DC power to transceiver.
- 20. **FUSE** 6A: Provides circuit protection to transceiver. Inline replaceable.
- 21. **PTT**: Push-to-Talk. Push microphone button.

INSTALLATION

MOBILE INSTALLATION



Plan the location of the transceiver and microphone bracket before beginning installation.

1. Select a location that is convenient for operating the radio but does not interfere with the driver or passenger.
2. Install bracket with self-tapping screws provided.
3. Connect the power cords (see below).
4. Attach the microphone bracket to side of the radio or car dash.
5. Attach radio to bracket.

Mobile Antenna

Because the maximum power output of the transmitter is limited by the FCC, the quality of your antenna is very important. To achieve the maximum transmission distance, Uniden strongly recommends that you install only a high quality antenna. You have just purchased a superior transceiver; don't diminish its performance by installing an inferior antenna.

Only a properly matched antenna system will allow maximum power transfer from the 50-ohm transmission line to the radiating element. Your Uniden dealer is qualified to help you select the proper antenna for your requirements. A whip style antenna may be used for automobile installation.

A short “loaded” whip antenna is easier to install on an automobile, but its efficiency is less than that of a full quarter-wave whip antenna.

Connecting the Power Cords

Uniden recommends connecting the power lead to the Ignition Switch Accessory Terminal. This way, the transceiver is automatically turned off when the ignition switch is turned off.

As an alternative, the power cord may be connected to an available terminal on the fuse block or to a point in the wiring harness. However, caution must be taken to prevent a short circuit. If in doubt, contact your vehicle dealer for information.

Ground Information

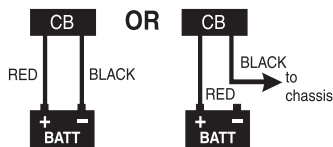


This transceiver may be installed and used in any 12-volt DC negative ground system vehicle.

Negative Ground System

With a negative ground system, the negative (-) battery terminal is usually connected to the vehicle motor block.

Connect the red DC power cord from the transceiver to the positive (+) battery terminal or other convenient point. Then connect the black power cord to the vehicle chassis or negative (-) battery terminal.



INSTALL 6-PIN TO 4-PIN ADAPTER

The Bearcat 980 SSB is pre-configured for Uniden’s new 6-pin wireless, noise-cancelling technology, available in 2012. Your Bearcat 980 SSB comes with an adapter to connect the radio’s 6-pin microphone jack to an aftermarket 4-pin microphone.

1. Insert the 6-pin side of the adapter into the Bearcat 980 SSB 6-pin microphone jack connection.

2. Plug a 4-pin microphone connector into the 4-pin side of the adapter.

MARINE INSTALLATION

Consult your dealer for information regarding marine installation. It is important to adequately ground the system and to prevent electrolysis between the fittings in the hull and the water.

USING YOUR BEARCAT 980 SSB

CB MODE



Be sure that the power source, antenna, and microphone are properly connected before proceeding.

BASIC SETTINGS

1. Turn unit on. Set volume to a comfortable level.
2. Select channel.
3. Set noise limitations as desired (**ANL** or **NB** or both).
4. Adjust Squelch.
 - Turn **SQUELCH** fully clockwise to receive strong signals.
 - Turn **SQUELCH** fully counterclockwise until you hear a hiss. All get through — noise, weak signals, and strong signals.
 - Turn **SQUELCH** back clockwise until the hiss stops. Only clearer signals get through.



*Set **SQUELCH** only when the radio is not receiving a strong signal.*

5. Press **RF Gain** to set RF gain.
6. Press **MIC Gain** then press **PTT** and turn the main control to adjust microphone sensitivity, up to 100% modulation between 1 - 4.
7. Set Backlight color (see page 14).
8. Set LCD Contrast (see page 15).
9. Set Brightness (see page 15).

ALL CHANNEL SCAN

When All Channel Scan is on, the radio scans channels until it receives a signal. It moves to the next channel if it receives no signal after 3 seconds.

1. Press **MEM/SCAN** twice if in CB mode (once if in MEM mode). **SCAN** displays.
2. The radio begins scanning upward through the channels.
 - To skip the channel the radio has stopped on, turn **Channel Selector** clockwise to move to the next channel or counter-clockwise to move to the previous channel. The radio continues scanning in the selected direction.
 - To change to Memory Channel Scan mode, press **MEM/SCAN** while in All Channel Scan mode (see page 10).
3. To exit All Channel Scan mode, press **PTT, 9/19/NORM, WEATHER,** or **CB/PA**.

WEATHER MODE (WX MODE)

Your radio combines a CB radio with a Weather radio and a Weather Alert system. The Weather Alert system sounds a 7-second signal in the event of severe weather when in CB mode. The Weather radio continually broadcasts weather conditions when you are in Weather mode.

1. Press **WEATHER**. Your radio is now in Weather radio mode.
2. Select 1 of 7 weather channels using **Channel Selector**.



You cannot change ANL or NB settings while in WX mode. The radio will sound an alert tone.

Set Weather Scan Mode

Weather Scan mode allows the radio to move to the next weather channel if no signal is detected after 3 seconds. Set Weather Scan mode to **ON** or **OFF** through the menus.

1. Press **MENU/OK** to activate the menus. **DAY/NT** displays.
2. Turn the **Channel Selector** knob to cycle through the menu options until **WXSCAN** displays.
3. Press **MENU/OK**. **ON** displays.

4. Press **MENU/OK** to set Weather Scan mode to **ON** or turn the selection knob until **OFF** displays and then press **MENU/OK** to set it. **LUXSCAN** displays again.



*If Weather Scan is **ON** when you turn off the radio, it remains **ON**.*

Left at these settings (WX mode, WX Scan), you will hear only weather broadcasts and Weather Alert signals. To use your CB radio normally while monitoring weather alerts, press **WEATHER** again.

Set Weather Alert Mode

Weather Alert mode only operates when you are in CB mode; it does not operate in Weather mode. In CB mode, the radio sounds an alert tone when it detects a 1050Hz tone on a weather channel.

Press and hold **WEATHER** to turn Weather Alert on. **ALERT** displays.

MEMORY MODE

You can store channels into memory and then scan only those channels.

Save Channels Into Memory

1. Tune to a channel in CB mode.
2. Press and hold **MEM/SCAN** until **SAVE** appears (about 2 seconds).
3. Release **MEM/SCAN**.
4. The radio stays on the saved channel.

Scan Channels in Memory

1. From All Channel Scan mode (see page 12), press **MEM/SCAN** until **MEM** and **SCAN** display; the radio scans memory channels only.
2. Press **MEM/SCAN** again to return to MEMORY mode or the last channel scanned.

Listen to Channels in Memory

1. Press **MEM/SCAN** until **MEM** displays.
2. Turn the **Channel Selector** knob to hear the channels you saved.

Clear Channels from Memory

1. In MEM mode, select a channel.
2. Press and hold **MEM/SCAN** until **CLEAR** displays.
3. Release **MEM/SCAN**. The radio plays the next channel in memory.

MENUS

Access menus by pressing **MENU/OK**. The first menu selection is Day or Night setting. Turn the **Channel Selector** knob to change the Day or Night setting.

Press **MENU/OK** again for:

- Day/Night - display intensity
- COLOR - Backlight color
- CONT - LCD Contrast
- BRIGHT - Brightness
- WXSCAN - Weather Scan mode
- DIAG - Diagnostics
 - Battery Check
 - Antenna Mismatch Check
 - RF Power Check
- Exit

Select Display Mode (Day/Night)

1. Press **MENU/OK** to access Day or Night selection.
2. Select Day or Night mode setting.
3. Press **MENU/OK** to activate your selection.

Select Backlight Color

1. Press **MENU/OK** to select Day or Night setting and then press **MENU/OK** again to activate your selection.
2. Press **MENU/OK** to activate the menus. Turn **Channel Selector** until **COLOR** displays.
3. Press **MENU/OK**. Turn **Channel Selector** until **DAY** displays.
4. Press **MENU/OK**. **DAY** blinks.
5. Turn **Channel Selector** to cycle through the available backlight colors or off (none). The selection number for that color displays

in that color. The available colors are:

Option No:	Color	Option No:	Color
1	Blue	5	Magenta
2	Green	6	Yellow
3	Cyan	7	White
4	Red		

6. Press **MENU/OK** to select a color. *COLOR* displays.
7. Repeat these procedures to set the NIGHT backlight color.

Set LCD Contrast

1. Press **MENU/OK** to activate the menus. Turn **Channel Selector** until *CONT* displays.
2. Press **MENU/OK**. Turn **Channel Selector** until *DAY* displays.
3. Press **MENU/OK**. *DAY* blinks.
4. Turn **Channel Selector** to cycle through the contrast options.
(Lowest = 01; Highest = 15)
5. Press **MENU/OK** to select the one you want. *CONT* displays again.
6. Repeat these procedures to set the NIGHT contrast level.

Set Brightness

1. Press **MENU/OK** to activate the menus. Turn **Channel Selector** until *BRIGHT* displays.
2. Press **MENU/OK**. *DAY* displays.
3. Press **MENU/OK**. *DAY* blinks.
4. Turn **Channel Selector** to cycle through the brightness options.
(Lowest = 01; Highest = 15)
5. Press **MENU/OK** to select the one you want. *BRIGHT* displays again.
6. Repeat these procedures to set the NIGHT brightness level.

Diagnostic Menus

1. Press **MENU/OK** to activate the menus.
2. Turn **Channel Selector** until *DIAG* displays.
3. Press **MENU/OK** to enter the *DIAG* level.

From the *DIAG* level, you can check battery power levels, antenna mismatch and RF power levels.

Battery Check

Check the DC power levels if you feel your radio is not performing properly.

1. Once *DIAG* displays, press **MENU/OK**; *VOLT* displays.
2. Press **MENU/OK**; the battery voltage displays for 2 seconds and then the battery voltage condition displays:
 - *PASS* - Voltage is good.
 - *FAILLO* - Voltage is too low.
 - *FAILHI* - Voltage is too high.
3. Press **MENU/OK** to return to the *DIAG* level.

Antenna Mismatch Check

An antenna mismatch indicates that reception quality may be impaired.

1. Once *DIAG* displays, press **MENU/OK**; *VOLT* displays.
2. Turn **Channel Selector** until *ANT* displays.
3. Press **MENU/OK**. *GO PTT* displays.
4. Press and hold **PTT**. The Antenna Mismatch condition, *PASS* or *FAIL*, displays.
5. Release **PTT** and press **MENU/OK** to return to the *DIAG* level.

RF Power Check

RF alerts indicate that the transmission levels are not acceptable.

1. Once *DIAG* displays, press **MENU/OK**; *VOLT* displays.
2. Turn **Channel Selector** until *RF OUT* displays.
3. Press **MENU/OK**. *GO PTT* displays.
4. Press and hold **PTT**. The RF power condition, *PASS* or *FAIL*, displays. (If *FAIL* displays, see the *Troubleshooting* section, page 18.)
5. Release **PTT**; *GO PTT* displays.
6. Press **MENU/OK** to return to the *DIAG* level.

EXIT Menu

Exit the menus from the main menu levels (COLOR, CONT, BRIGHT, WXSCAN, and DIAG). From this level, turn **Channel Selector** until *EXIT*

displays. Press **MENU/OK**. The radio returns to the last operating mode and channel.

OTHER FEATURES

S/RF/CAL/SWR Meter

You can check your incoming signal strength and output power as you use your Bearcat 980 SSB. The 12-column LCD display (refer to item number 3 on page 6) displays this data. Press and hold **PTT** on the microphone to see the RF output power levels. Release **PTT** to see incoming signal strength.

Calibrate Standing Wave Ratio (SWR)

Check and calibrate the SWR to ensure your antenna system is properly tuned.

1. Connect the antenna.
2. Turn **Channel Selector** to set the channel.
3. Press **S/RF/CAL/SWR** until **CAL** displays.
4. Press and hold **PTT**, then rotate the **Channel Selector** until the bar graph meter is at the CAL point.
5. Press **PTT** and note the SWR reading. If the reading is > 1.5, follow your antenna's instructions to adjust the antenna length. Then, repeat this step.

PREVENTIVE MAINTENANCE

Every six months:

1. Check the SWR.
2. Be sure all electrical connections are tight.
3. Inspect antenna coaxial cable for wear or breaks in shielding.
4. Be sure all screws and mounting hardware are tight.

MAINTENANCE

The Bearcat 980 SSB is designed to give you years of trouble-free service. There are no user-serviceable parts inside. It requires no maintenance except replacing the inline fuse in the fuse holder of the DC power cord.

To replace a blown fuse:

1. Press ends of the fuse holder together. Twist to open. Carefully separate the two pieces.
2. Remove the fuse and inspect. If blown, replace with the same type 6-amp fuse.



Use only the fuse specified for your Bearcat 980 SSB. Failure to do so may void your warranty.

TROUBLESHOOTING

In the event of system malfunction, perform the following procedures:

Problem	Suggestion
Unit does not power up	Check power cord connections. Check fuse. Check vehicle electrical system.
No reception	Check microphone connection. Set CB/PA to CB . Check VOLUME and SQUELCH . Check antenna. Check antenna connection. Adjust RF Gain .
Poor Reception	Check VOLUME and SQUELCH . Be sure antenna SWR is normal. Adjust RF Gain .
No Transmission	Set CB/PA switch to CB . Check microphone connection. Adjust MIC Gain .
Low Transmission	Adjust MIC Gain .
Using MEM/SCAN does not access channels in memory	Verify that there are channels saved into memory.
Unit does not work as well as previously.	Turn the power off then back on. The channels will reset.
Battery power check returned FAILLO or FAILHI .	Make sure your power wires have a good connection. Check your battery charge; it needs to be fully charged. Lower voltage will cause a failure. Check your alternator.

Problem	Suggestion
Antenna check returned <i>FAIL</i> .	Make sure your antenna ground is good. Check for damage to the antenna. Check the SWRs at a CB shop. High SWRs will damage the radio.
RF power diagnosis check returned <i>FAIL</i> .	Make sure your antenna ground is good. Check for damage to your antenna. Check the antenna connection on the back of the radio. Be sure it is tight.

If you do not get satisfactory results after performing these checks, call the Uniden Customer Service Center at 1-800-297-1023, 8:00 a.m. to 4:30 p.m. CST, Monday through Friday.

SERVICING YOUR TRANSCEIVER

Technical information, diagrams, and charts are provided on request. It is the user's responsibility to see that this radio is operating at all times in accordance with the FCC Citizens Radio Service regulations. We highly recommend that you consult a qualified radio/telephone technician for servicing and aligning this CB radio product.



When ordering parts, be sure to specify the correct model number and serial number of the unit.

SPECIFICATIONS

GENERAL	
Channel:	40 AM/USB/LSB
Frequency Range:	CB : 26.965 - 27.405 MHz WX : 162.400 - 162.550 MHz
Emission	Emission AM/USB/LSB
Frequency Control:	PLL Synthesizer
Antenna Impedance:	50 ohms
Power Input:	13.8VDC
Current Drain	
TX:	AM full modulation 2.2A (max.) SSB full power output 4A (max.)

RX:	At no signal: 650 mA
Operating Temperature:	-22°F to 140°F (-30°C to 60°C)
Accessories:	DC Power Cord Noise Cancelling Microphone Microphone Hanger Mounting Bracket
Size (W x D x H):	7.25 in. x 7.5 in. x 2.25 in. (without knobs and jacks) (184.149 mm x 190.50 mm x 57.15 mm)
Weight:	2.2 Pounds
TRANSMITTER	
Output Power:	AM: 4 watts; USB/LSB 12 W PEP SSB
Hum and Noise:	Better than 40 dB
Frequency Tolerance:	±0.002%
Modulation Percentage (Peak):	100%
Spurious Rejection:	-70 dB
Output Impedance:	50 ohm, unbalanced
Unwanted Sideband	-55 db
RECEIVER	
Sensitivity at 10 dB S+N/N:	AM: 0.5 µV; USB/LSB: 0.25 µV
Sensitivity at 500 mW Audio Output:	0.5 µV
Squelch Threshold:	0.5 µV
Antenna Impedance:	50 ohms
Squelch Tight:	1000 µV
Signal Meter S-9:	100 µV
Audio Output Power (max.):	3 watts
Audio Output (10% Distortion):	2.5 watts
Clarifier Range	1.5 kHz
Adjacent Channel Rejection:	60 dB
Image Rejection:	80 dB
Internal Speaker Impedance:	16 ohms
External Speaker Impedance:	8 ohms
PUBLIC ADDRESS	
Output Power at 10% Distortion:	2.5 watts

Specifications shown are typical and subject to change without notice.

TWO-YEAR EXTENDED WARRANTY

Important: Evidence of original purchase is required for warranty service.

WARRANTOR: UNIDEN AMERICA CORPORATION ("Uniden")

ELEMENTS OF WARRANTY: Uniden warrants, for two years, to the original retail owner, this Uniden Product to be free from defects in materials and craftsmanship with only the limitations or exclusions set out below.

WARRANTY DURATION: This warranty to the original user shall terminate and be of no further effect two years after the date of original retail sale. The warranty is invalid if the Product is (A) damaged or not maintained as reasonable or necessary, (B) modified, altered, or used as part of any conversion kits, subassemblies, or any configurations not sold by Uniden, (C) improperly installed, (D) serviced or repaired by someone other than an authorized Uniden service center for a defect or malfunction covered by this warranty, (E) used in any conjunction with equipment or parts or as part of any system not manufactured by Uniden, or (F) installed or programmed by anyone other than as detailed by the owner's manual for this product.

STATEMENT OF REMEDY: In the event that the product does not conform to this warranty at any time while this warranty is in effect, warrantor will either, at its option, repair or replace the defective unit and return it to you without charge for parts, service, or any other cost (except shipping and handling) incurred by warrantor or its representatives in connection with the performance of this warranty. Warrantor, at its option, may replace the unit with a new or refurbished unit. THE LIMITED WARRANTY SET FORTH ABOVE IS THE SOLE AND ENTIRE WARRANTY PERTAINING TO THE PRODUCT AND IS IN LIEU OF AND EXCLUDES ALL OTHER WARRANTIES OF ANY NATURE WHATSOEVER, WHETHER EXPRESS, IMPLIED OR ARISING BY OPERATION OF LAW, INCLUDING, BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THIS WARRANTY DOES NOT COVER OR PROVIDE FOR THE REIMBURSEMENT OR PAYMENT OF INCIDENTAL OR CONSEQUENTIAL DAMAGES.

Some states do not allow this exclusion or limitation of incidental or consequential damages so the above limitation or exclusion may not apply to you.

LEGAL REMEDIES: This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. This warranty is void outside the United States of America.

PROCEDURE FOR OBTAINING PERFORMANCE OF WARRANTY: If, after following the instructions in the owner's manual you are certain that the Product is defective, pack the Product carefully (preferably in its original packaging). The Product should include all parts and accessories originally packaged with the Product. Include evidence of original

purchase and a note describing the defect that has caused you to return it. The Product should be shipped freight prepaid, by traceable means, to warrantor at:

Uniden America Service

C/O Saddle Creek

743 Henrietta Creek Rd., Suite 100

Roanoke, TX 76262

(800) 297-1023, 8 a.m. to 4:30 p.m., Central, Monday through Friday

RADIO CODE DEFINITIONS

The following list contains common “10-Codes” used by CB radio operators for faster communication and better understanding.

Code	Meaning	Code	Meaning
10-1	Received poorly	10-34	Trouble at this station
10-2	Receiving well	10-35	Confidential information
10-3	Stop transmitting	10-36	Correct time is
10-4	OK, message received	10-37	Wrecker needed at
10-5	Relay message	10-38	Ambulance needed at
10-6	Busy, stand by	10-39	Your message is delivered
10-7	Out of service, leaving air	10-41	Please turn to channel
10-8	In service, subject to call	10-42	Traffic accident at
10-9	Repeat message	10-43	Traffic tie up at
10-10	Transmission completed, standing by	10-44	I have a message for you
10-11	Talking too rapidly	10-45	All units within range please report
10-12	Visitors present	10-50	Break channel
10-13	Advise Weather/ Road conditions	10-60	What is next message number
10-16	Make pickup at	10-62	Unable to copy, use phone
10-17	Urgent business	10-63	Net directed to
10-18	Anything for us?	10-64	Net clear
10-19	Nothing for you, return to base	10-65	Awaiting your next message/assignment
10-20	My location is	10-67	All units comply
10-21	Call by telephone	10-70	Fire at
10-22	Report in person to	10-71	Proceed with transmission in sequence
10-23	Stand by	10-77	Negative contact

Code	Meaning	Code	Meaning
10-24	Completed last assignment	10-81	Reserve hotel room for
10-25	Can you contact	10-82	Reserve room for
10-26	Disregard last information	10-84	My telephone number is
10-27	I am moving to channel	10-85	My address is
10-28	Identify your station	10-91	Talk closer to microphone
10-29	Time is up for contact	10-93	Check my frequency on this channel
10-30	Does not conform to FCC rules	10-94	Please give me a long count
10-32	I will give you a radio check	10-99	Mission completed, all units secure
10-33	EMERGENCY TRAFFIC	10-200	Police needed at