

Uniden®

 **Bearcat® 880**

Owner's Manual



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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.***

UNPACKING

Your Bearcat 880 contains the following:

- Bearcat 880 CB 2-way mobile radio
- Microphone
- Mounting Bracket Kit
- DC Power Cord
- 6-pin to 4-pin microphone adapter
- Reference Guide
- Part 95 Subpart D (FCC Rules)

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

DESCRIPTION

Your Uniden Bearcat 880 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 recommend 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

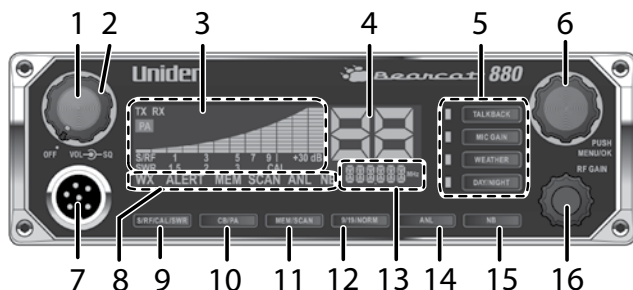
1. Press **9/19/NORM** or turn **Channel Selector** knob to Channel 9.
2. Press **PTT** and speak clearly.
3. If there is no response, select an active channel and ask that party to relay your emergency broadcast on Channel 9.



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 or counterclockwise 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 Send/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 **PTT** and adjust the volume with the **Volume Control** knob. (Levels 00 - 15)
 - **MIC Gain**: Adjusts microphone sensitivity. Delivers up to 100% modulation. With MIC Gain active, press **PTT** and adjust the gain levels with the **Volume Control** knob. (Levels 00 - 04)



NOTE If Talkback is on when MIC Gain is also on, Talkback volume increases.

- **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.
- **Day/Night**: Adjusts LCD backlight sensitivity between Day and Night modes. (LED off = Day; LED on = Night)

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 menu modes
- Change scan resume direction (up or down)
- Control Talkback volume
- Control Mic gain level
- Control Calibration volume



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.

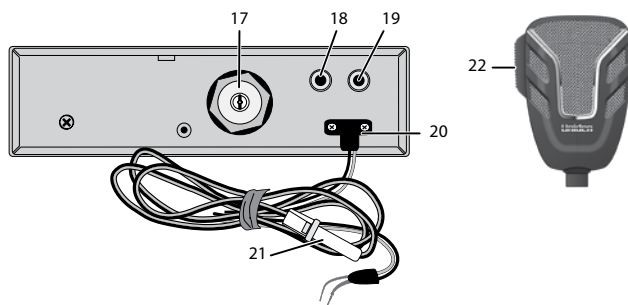
This is an FCC rule and applies to all CB operators.

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



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 10) 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:** Turns **ANL** (Automatic Noise Limiter) feature on and off. **ANL** reduces external noise.
15. **NB:** Turns **NB** (Noise Blanker) feature on and off. **NB** reduces interference from vehicle ignition systems.
16. **RF Gain** knob: Improves reception in strong signal areas.



- 17. Antenna socket: Connects antenna to the unit.
- 18. **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.*

- 19. **EXT. SP**: Connects an 8-ohm 4-watt speaker to remotely monitor the receiver.

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

- 20. **POWER**: Connects DC power to transceiver.

- 21. Fuse.

- 22. **PTT**: Push-to-Talk.

INSTALLATION

MOBILE INSTALLATION

NOTE *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 power cords (see page 8).
4. Attach the microphone bracket to side of the radio.
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

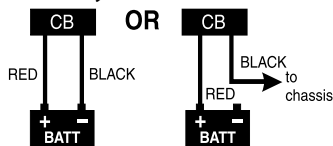


This transceiver may be installed and used in any 12-volt DC negative ground system vehicle.

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 880 is pre-configured for Uniden's new 6-pin wireless, noise-cancelling technology, available in 2012. Your Bearcat 880 comes with an adapter to connect the radio's 6-pin microphone to a current standard 4-pin microphone.

1. Insert the 6-pin side of the adapter into the Bearcat 880 6-pin microphone connection.
2. Plug a standard 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 880

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/NB**).
4. Adjust Squelch.
 - Turn **SQUELCH** fully clockwise so only strong signals can get through.
 - Turn **SQUELCH** fully counterclockwise until you hear a hiss. Everything gets 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. Turn **RF Gain** to set RF gain sensitivity.
6. Press **MIC Gain** to toggle microphone sensitivity between High and Low. (LED on = High; LED off = Low)
7. Set Backlight color (see page 12).
8. Set LCD Contrast (see page 13).
9. Set Brightness (see page 13).

ALL CHANNEL SCAN

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

1. Press **MEM/SCAN** once if in CB mode (twice 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 12).
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 seven-second signal in the event of severe weather when you are 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. *COLOR* displays.
2. Turn the **Channel Selector** knob to cycle through the menu options until *LUXSCAN* 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 setting (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. The WEATHER LED turns on.

MEMORY MODE

You can select channels to store 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 10), press **MEM/SCAN** until *MEM SCAN* displays; 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 and only saved channels will be heard.

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, COLOR, displays. Turn the Channel Selector knob to cycle through the other menus:

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

Select Backlight Color

1. Press **MENU/OK** to activate the menus. Turn **Channel Selector** until *COLOR* 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 available backlight colors or OFF. The selection number for that color displays in that

color. The available colors are:

Option No:	Color	Option No:	Color
0	None (Off)	4	Red
1	Blue	5	Magenta
2	Green	6	Yellow
3	Cyan	7	White

5. Press **MENU/OK** to select that color. *COLOR* displays.
6. 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 = 00; 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 = 00; 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, RF power levels, and antenna mismatch.

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, refer to the Troubleshooting section, page 16.)
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 and outgoing signal strength and wattage as you use your Bearcat 880. The 12-column LCD display (refer to item number 3 on page 5) 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 that you are using power effectively.

1. Press **S/Rf/CAL/SWR** until **CAL** and a vertical status bar display on the LCD screen to indicate you are in Calibration mode. No bar graph status levels display.
2. Press and hold **PTT**; bar graphs status levels display the current level. While still holding **PTT**, turn **Channel Selector** to adjust the levels up or down.
3. Release **PTT**. Press **S/Rf/CAL/SWR** until the LDC displays **SWR** and **1.5**, **2**, and **3**.
4. Press **PTT** to see if the new calibration is between **1.5** and **2**. Repeat these steps until the calibration level is between **1.5** and **2**.

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 880 is designed to give you years of trouble-free service. There are no user-serviceable parts inside. Except for the fuse in the DC power cord, no maintenance is required.

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 fuse.



Use only the fuse specified for your Bearcat 880. 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 .

Problem	Suggestion
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.
Antenna check returned FAIL .	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 FAIL .	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 5:00 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
Frequency Range:	26.965 - 27.405 MHz
Frequency Control:	PLL Synthesizer

Antenna Impedance:	50 ohms
Power Input:	13.8VDC
Current Drain	
TX:	AM Full Modulation: 2.2A (max)
RX:	At no signal: 650mA
Operating Temperature:	-22°F to 140°F (-30°C to 60°C)
Accessories:	DC Power Cord Microphone Microphone Hanger Mounting Bracket
Size (W x D x H):	6.3 in. x 6.3 in. x 2.2 in. (without knobs and jacks) (160 mm x 160 mm x 54 mm)
Weight:	2.2 Pounds
TRANSMITTER	
Output Power:	4 watts
TRANSMITTER (Cont'd)	
Emission Type:	6A3
Hum and Noise:	Better than 40 dB
Frequency Tolerance:	±0.002%
Modulation Percentage (Peak):	100%
Spurious Rejection:	-70 dB
Output Impedance:	50 ohm, unbalanced
RECEIVER	
Sensitivity at 10 dB S+N/N:	0.5 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.):	5 watts
Audio Output (10% Dist.):	4 watts
Adjacent Channel Rejection:	55dB
Image Rejection:	65dB
Internal Speaker Impedance:	16 ohms
External Speaker Impedance:	8 ohms

PUBLIC ADDRESS

Output Power at 10% Distortion:

4 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 Corporation
Parts and Service Division
4700 Amon Carter Blvd
Fort Worth, TX 76155

(800) 297-1023, 8 a.m. to 5 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

Code	Meaning	Code	Meaning
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
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



BC906W WIRELESS MICROPHONE



- Speaker and Microphone in a single unit
- Secure Sync
- Push-To-Talk Control Button
- Volume UP/Down Controls
- Auto power-off
- Three-color LED control
- Find button
- Up to 100 meter range
- Belt clip
- Car charger plug with mini-USB connection

Thank you for purchasing Uniden’s BC906W wireless microphone. Now you can be up to 100 meters away from your CB and still remain connected. Enjoy mobility while still being connected to your Uniden Bearcat CB.

At Uniden, we'll take care of you! If you need any assistance with this product, please call our Customer Care Line at: 800-297-1023 or 817-858-2929

IMPORTANT SAFETY INSTRUCTIONS!

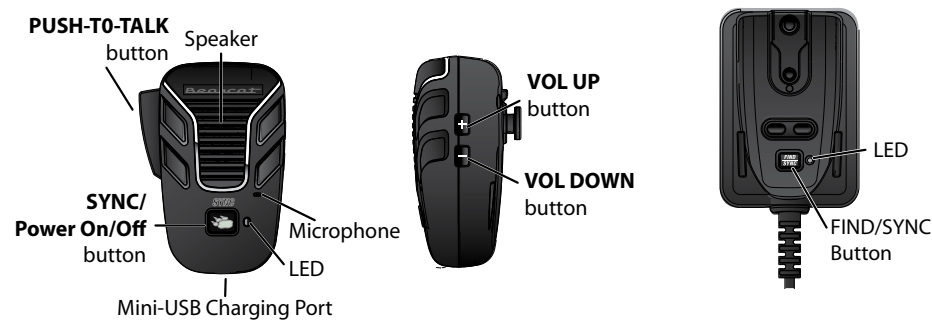
The BC906W is NOT waterproof or water-resistant. Keep it away from water and do not let it get submerged in water. If the mic gets wet, power it off and dry off the casing.

Keep out of prolonged exposure to direct sunlight. Prolonged exposure could heat the internal workings of the mic past safe levels.

WHAT’S IN THE BOX

- BC906W Microphone
- BC906W Cradle with mounting screws
- DC Charger (Car charger plug with mini-USB connection)
- Ni-MH battery (BT-1008)
- Belt Clip

CONTROLS AND FUNCTIONS



LED DEFINITIONS

Color	Status	Meaning
Green	Solid On	Linked, battery charged
Red	Solid On	Linked, low battery
All	Off	Powered down
Green	Long Flash	Transmitting, battery charged

Color	Status	Meaning
Red	Long Flash	Transmitting, low battery
Green	Short Stutter	Registration mode, battery charged
Red	Short Stutter	Registration mode, low battery
Orange/Green	Short Flash	Not linked, battery charged
Orange/Red	Short Flash	Not linked, low battery
Green/Red	Long Flash	Charging, battery not full
All	Long Flash	Unregistered

BC906W OPERATION

SETTING UP YOUR MICROPHONE

To...	Do this...
Install batteries in mic	1. Remove the back battery cover. 2. Insert the Ni-MH battery, connecting it to the mic at the plug. 3. Replace the back cover. 4. Use the DC charger to charge battery completely before using.
Mount the microphone cradle	1. Mount the cradle using the supplied screws. 2. Disconnect the current wired mic 3. Connect the microphone cradle. 4. Turn on CB. The cradle LED flashes red while it powers up, then becomes solid red.
Sync the mic	On the mic, press PTT or SYNC/Power On/Off. The mic turns on and the LED turns green when it has synced with the CB. If you press PTT to turn on the mic, an error tone sounds. It will stop when you release PTT after the mic is powered up. If you are out of range and move back in range, the mic will automatically re-sync.
Install the belt clip (if using)	If you are using the belt clip, slide it onto the belt clip knob on the back of the mic.

USING YOUR MICROPHONE

To...	Do this...
Transmit and Receive	Press PTT to transmit. Release PTT to listen for a response. The PTT button is located on the side of the mic. If the wireless connection is lost, the mic sounds an error tone if PTT is pressed. The mic only operates when it is in range. If it is out of range for 2 minutes, it automatically powers down.
Increase/Decrease Volume	Press + to increase or – to decrease the volume in 16 step increments. When you reach the 16th step in either direction, an error tone sounds.
Find a lost mic	1. Press FIND on the cradle. 2. When you locate the mic, press FIND on the cradle again or any key on the mic. 3. The tone times out after 1 minute.

AUTOMATIC POWER OFF

When you turn off the car, the CB is also turned off. If the wireless mic has not been turned off, press **SYNC/Power On/Off** to turn it off; otherwise, it will automatically power off after 2 minutes.

The wireless mic will also power off if the mic is out of range for 2 minutes.

TURN OFF ALL FEATURES EXCEPT CHARGING

1. While the battery pack charges in the mic, press and hold **SYNC/Power On/Off** for about 5 seconds.
2. The mic beeps.

3. After the battery is charged, the LED alternately flashes orange and green.

There are three methods to turn the features back on. You can press **SYNC/Power On/Off** or you can press **PTT**. You can also disconnect the mini-USB cable, and then reconnect it.

SPECIFICATIONS

Speaker Output: 8 ohm

Operating Temp.: 14°F ~ 122°F (-10°C ~ 50°C)

Storage Temp.: -4°F ~ 140°F (-20°C ~ 60°C)

Ni-MH battery - BT-1008

Typical Battery Life: 8 hours

DC Charger Power Input: 10 - 16V DC

Digital Format: DECT 6.0

Frequency Band: 1920 - 1930MHz

FCC PART 15 INFORMATION

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation. Privacy of communications may not be ensured when using this device.

TWO-YEAR LIMITED 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 kit, 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 Corporation
Parts and Service Division
4700 Amon Carter Blvd
Fort Worth, TX 76155

(800) 297-1023, 8 a.m. to 5 p.m., Central, Monday through Friday

