How to Use Your Cobra 29 LX MAX

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Features of This Product
• Selectable 4-Color LCD Display  
• Advanced Bluetooth® Connectivity  
• Rewind-Say-Again®  
• Memo Record  
• iRadar App Integration  
• Report Feature  
• NightWatch® Illumination  
• 10 Weather Channels  
• Weather Scan  
• Emergency Weather Alert  
• 40 CB Radio Channels  
• 40 Channel Scan  
• Memory Channels  
• Channel Frequency Read-Out  
• Radio Check Diagnostic  
• Clock/Timer/Alarm  
• Multi-Function Heavy-Duty Electret Microphone with Phone, Rewind-
  Say-Again® & Report Functions  
• Full 4 Watts AM RF Power Output  
• SWR Calibration Meter  
• Instant Channel 19 and 9  
• Front Panel 6-Pin Microphone Connector  
  • Switchable Automatic Noise Limiter & Noise Blanker  
  • Adjustable Dynamike Boost  
  • Tactile Controls  
  • 9 Ft Mic Cord  
  • Programmable Dimmer Control  
  • RF Gain  
  • External Push-To-Talk Jack  
  • External Microphone Jack  
Bluetooth® Features
• Dual Point Bluetooth®  
• Caller I.D.  
• A2DP Audio Streaming  
• Phone Directory
Installation

Location
Plan a location of the transceiver and microphone bracket before starting the installation.

Select a location that is convenient for operation, yet does not interfere with the driver or the passenger.

The transceiver is usually mounted to the underside of the dash with the microphone bracket beside it.

Mounting and Connection

1. Hold the radio with the mounting bracket in the exact desired location. If there is no interference, remove the bracket and use it as a template to mark the location for the mounting screws.

2. Drill the pilot and secure the bracket.

3. Connect the antenna cable plug to the receptacle marked “ANT” on the back of the unit.

continued
Before installing the CB radio, visually check the vehicle's battery connection to determine which terminal is positive or negative. A negatively grounded vehicle has its negative lead grounded to the chassis.

Connecting to an accessory fuse prevents the unit from being left on accidentally, and also permits operating the unit without running the engine when the ignition is set to the accessory position.

When connected to an accessory fuse, unit will self test the emergency weather alert automatically when ignition is turned on. Turns itself on & off.

The Clock/Timer feature needs to be reset when connected to a switched accessory fuse.

Connect the red lead of the DC power cord to an accessory 12 volt fuse or directly to the battery. Connect the black lead to the negative side of the vehicle electrical system. This is usually the chassis. Any convenient location with a good electrical contact (remove paint) may be used.

Plug the power cable into the back of the unit marked “Power”. Be sure to observe polarity markings.

Mount the microphone bracket on either side of the unit (driver’s left) using the two screws supplied. The bracket should be placed under the dash so the microphone is readily accessible.

If the microphone is not connected, audio will not be heard at the speaker.

Attach the microphone cable to the receptacle on the front of the unit and install the unit in the bracket securely.
Use of a mobile receiver at low signal levels is normally limited by the presence of electrical noise. The primary source of noise in automobiles is from the alternator and ignition system. Typically, when the signal level is adequate, the background noise does not present a serious problem. Also, when extremely low level signals are being received, the transceiver may be operated with the vehicle’s engine turned off. The unit requires very little current and therefore will not significantly discharge the vehicle’s battery.

Even though the Cobra 29 LX MAX has an automatic noise limiter, in some installations ignition interference may be high enough to make good communications challenging. Many possibilities exist and variations between vehicles require different solutions. Consult with your Cobra dealer or radio technician for help in locating the source of severe noise.

**Marine Installation**

The transceiver will not operate at maximum efficiency in a boat without a ground plane, (unless it has a steel hull). Before attempting installation, consult your dealer for information regarding an adequate grounding system and prevention of electrolysis between fittings in the hull and water.
Operation

Turning On the Radio
Make sure the power cord, antenna and microphone are connected to their proper connectors before starting.

1. Rotate the **On/Off Volume** knob clockwise to turn the unit on and adjust to a normal listening level.

2. Press the **CB/WX** button to change between CB and weather modes.

Setting Channel Selector

3. Select one of forty channels. The selected channel (1 through 40) will be indicated by the readout directly above the channel selector knob.
Calibrate for SWR (Standing Wave Ratio)

SWR calibration is done to properly adjust the length of the antenna and to monitor the quality of the coaxial cable and all RF connections. This calibration is critical in order to achieve optimum performance.

1. Set the radio to channel 20.

2. Press SWR/CAL button to select CAL.

3. Push and hold the mic button.

4. While holding the mic button adjust the SWR CAL knob so the meter swings to the CAL mark on the right side of the meter.

Note
Calibration must be made in an open area (never in a garage). The vehicle’s doors must be closed. No one should be standing near the antenna. (See your antenna directions for more complete information).

Note
The reading will be slightly higher on Channels 1 and 40 compared to Channel 20.
**Operation**

**Calibrate for SWR continued**

5. Release the PTT button and press and release the **S/RF-SWR CAL** button to the SWR position. Then press the PTT button to read the SWR reading.

6. Repeat the same steps two through five on Channel 1 and 40. This will check SWR for all channels.

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**Selecting A Channel**

1. Rotate the **channel selector** clockwise or counterclockwise to select the desired channel.

---

**To Receive**

1. Rotate the **On/Off Volume** knob clockwise. While receiving, the RX icon will be displayed and the lower portion of the meter will show the incoming signal strength.

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**S-Meter**

The S-Meter swings proportionately to the strength of the incoming signal when receiving.

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**Notes**

When switched to SWR mode, the meter reading should ideally be as far to the left as possible. Anything over 3 is not acceptable. A slight antenna height adjustment (higher or lower) may be required. Repeat recalibration steps.

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2. Repeat recalibration steps.

---

3. The **S/RF-SWR-CAL** button must be set in the S/RF setting to read the meter.
Operation

Caution!
Be sure the antenna is properly connected to the radio before transmitting. Transmitting without an antenna, or a poorly matched antenna, could cause damage to the transmitter.

Be sure to read the F.C.C. Rules and Regulations included with this unit before transmitting.

To Transmit

1. Select a desired channel.

2. Push and hold the mic button to transmit. When transmitting, hold the microphone two inches from your mouth and speak in a clear, normal voice. Release the mic button to receive.

Setting Dynamike®
This controls the microphone sensitivity (outgoing audio level).

Initially, set Dynamike fully clockwise so that maximum voice volume is available. The Dynamike may have to be reduced in some conditions.

Setting TalkBack
This control is used to adjust the desired amount of modulation talk back present at the speaker during transmit.

At the fully counter-clockwise position the TalkBack is Off.
**Operation**

**Menu Mode**
Rotating **Menu/Enter** knob is used to move the cursor. Pressing the **Menu/Enter** knob is used to enter the menu and to select.

Rotate the **Menu/Enter** knob clockwise and counter-clockwise to navigate the menu levels.

Press the **Menu/Enter** knob to select.

**Level 1:**
- SET CLOCK
- ALARM CLOCK
- SET COUNT DOWN

**Level 2:**
- KEY TONES
- WX ALERT
- WX ALERT SCAN

**Level 3:**
- WX AUTO SCAN
- DISPLAY COLOR
- BRIGHTNESS

**Level 4:**
- CONTRAST
- RADIO CHECK

**Level 5:**
- SETTINGS
- BLUE TOOTH
- EXIT

**Setting the Clock**
To set the clock, press the **Menu/Enter** knob and select **Set Clock**.

Press again to set the clock.
- Rotate the **Menu/Enter** knob to select the hour, minutes and AM/PM.
- Press the **Menu/Enter** knob to save each value.

Press the **Menu/Enter** knob to SAVE and EXIT.

**Setting the Alarm**
Your 29 LX MAX can be utilized as an alarm clock.

To set the alarm, press the **Menu/Enter** knob and select **Alarm Clock**.

Press **SET ALARM TIME**.
- Rotate the **Menu/Enter** knob to select a value.
- Press the **Menu/Enter** knob to save.

Press the **Menu/Enter** knob to set AM/PM. Press **Menu/Enter** knob to save and proceed to setting the Set Snooze Length or EXIT.

**Note**
- Use Dim/Escape button to exit from any menu back to CB standby mode.
- The clock will not appear on the display if the time has not yet been set.
- The radio should be connected to a constant 12V source to maintain the time when the radio is turned off.
- The clock will be displayed in the top right corner of the display.
Operation

Setting the Alarm continued

Once the alarm settings are complete, rotate the Menu/Enter knob clockwise to Set Snooze and press Menu/Enter to select.

Select the desired snooze time (from 1 to 60 minutes). Press Enter to save and exit, return to Set Snooze or Alarm Length. Select Alarm Length to set the alarm duration (from 10 to 300 seconds). Press the Menu/Enter knob save and exit.

Setting the Count Down Timer

To set the count down timer, press Menu/Enter knob and select Set Count Down.

Follow the instructions in Setting the Clock section (page 17) to set the count down hour and minutes. Once the desired count down time is selected, press the Menu/Enter knob again to save and exit.

Key Tones Mode On and Off

Press the Menu/Enter knob and select Key Tones. Press the Menu/Enter to set Key Tones On/Off.

Rotate the Menu/Enter knob to select On/Off and press the Menu/Enter knob to exit to main menu.

Radio Check Mode

Allows testing of important radio functions. Press Menu/Enter knob and select RADIO CHECK. Press Menu/Enter to select 1st test, 2nd test and 3rd test.

Test 1- Battery Level: Confirms that battery voltage level is between 10.8 V to 15.8 V. If in that range, it is “PASS”. Outside of that range, either “FAIL LOW” or “FAIL HIGH” will be displayed. Press Menu/Enter knob to advance to next test.

Test 2- RF Power Output: Confirms a 3.3 to 4 Watt output level. Once the Push-to-Talk button is pressed, Pass or Fail will be displayed if the level is outside the limits.

Test 3- Antenna Mismatch Warning: Press the Push-to-Talk button to check for proper matching.
Setting the Display Color Mode

1. Press the Menu/Enter knob and select Display Color.

2. Press and release Menu/Enter to set the color.

3. Rotating the Menu/Enter knob changes the display color from green to blue to amber to red then back to green.

4. Press the Menu/Enter knob to save and exit and set the Brightness mode.

Setting Brightness Mode

Press Menu/Enter knob to select Brightness.

Press the Menu/Enter knob to select Brightness. Press the Menu/Enter knob to select Day-Bright. Turn Menu/Enter clockwise to increase brightness and turn counter-clockwise to decrease brightness.

To set the Night-Dim level, select Night-Dim then repeat instructions above.

Press Menu/Enter knob to save and exit routine. Press ESC to exit menu without saving.

Turn NightWatch Illumination On-Off-Hi-Lo

Press the Menu/Enter knob and scroll down to select NW Lighting.

Rotating the Menu/Enter knob changes the display color from green to blue to amber to red then back to green.

Press the Menu/Enter knob to save and exit and set the Brightness mode.

Press the Menu/Enter knob to change the setting. Press and release the Menu/Enter knob to set the Nightwatch® illumination level, save and exit.
Dual Point Bluetooth:
For team drivers, two cell phones can be paired, however; only one phone can be used at a time.

Bluetooth®
Calls on a Bluetooth® enabled cell phone can be routed through the 29 LX MAX speaker or external speaker accessory.

Setting Contrast Mode
Press the Menu/Enter knob and rotate clockwise to select Set Contrast.

Bluetooth
To Pair with a Cell Phone
Press and hold the BT Button for six seconds to enter Ready For Pairing mode. A tone will sound to confirm entry to pairing mode.
A. First time pairing with a cell phone:
   I. A tone will sound to confirm Pairing mode.
   II. Follow the cell phone manufacturer’s instruction to enable its Bluetooth function. Select 29 LX MAX from the list of Bluetooth devices. Enter the PIN (Personal Identification Number) 0000 if required. Most smartphones no longer require a PIN entry.

III. Successful pairing will be indicated by a tone to confirm entry to Connected mode. A pair record will also be established for subsequent connections.

B. Subsequent pairings with a cell phone:
   I. Follow the cell phone manufacturer’s instruction, to enable its Bluetooth® function.
   II. Successful pairing will be indicated by a tone to confirm entry to Connected mode.

To Answer Calls
1. Press and release the BT Button when the cell phone ring is heard through the 29 LX MAX speaker.
2. Speak into the 29 LX MAX microphone. The CB function of the unit and PTT Button will be disabled while a call is in progress.
3. Press and release the BT Button to end the call. A tone will sound.

To Initiate Calls
1. To initiate the phone’s voice assistant, if supported, press and release the BT Button twice.
2. Dial a number according to the cell phone manufacturer’s instructions. The key press and other tones will be heard through the 29 LX MAX speaker.
3. Press Send on the cell phone send key a few seconds, you will hear the ring tone for the number you dialed on the CB speaker.
4. Once connected, speak into the microphone.
5. Press and release of the BT Button to end the call. A tone will sound.
6. Press and hold the BT Button for two seconds to redial a number. A tone will sound; and after a few seconds, you will hear the ring tone for the number you dialed.

Note
When cell phone calls are in progress using the Bluetooth features, the CB functions of the unit are disabled unless the phone call is put on hold (see page 26).

Note
When dialing a phone number on your phone’s keypad, it is recommended that you dial when the vehicle is not in motion.

Note
The external microphone (see accessories on page 35) can be plugged into the rear of the unit and clipped to a pocket or lapel for hands-free speech during calls. When the microphone is plugged in, the main microphone will not pick up speech during calls but will be fully functional for CB operation.
For optimal performance and access to all this radio’s advanced features, you should download the iRadar app. To download the app you must enter the iTunes Store or Google Play and search for "Cobra iRadar". Follow the onscreen instructions to download and install the Cobra iRadar app.

Make sure to check out the Tutorial for a full explanation of app features. The Tutorial can be accessed from the Menu. Information on specific settings and explanations of radar bands can be found by pressing the green info icons in the settings menus. The iRadar app can also be used to change and easily adjust the alert settings.

**Downloading the iRadar App**

For Android™:
- Power on the CB radio.
- Make sure your Android™ Bluetooth® is turned on.
- Press and hold the Bluetooth button on the microphone to put the radio into Bluetooth pairing mode.
- Select Bluetooth from SETTINGS on the Android device. The Available Devices list should contain the following:
  - 29 LX MAX (phone functionality)
  - 29 LX MAX (iRadar app functionality)
- Select 29 LX MAX to pair and connect to the 29 LX MAX phone call feature.
- Enter the iRadar App to complete the connection.

For iPhone® 5s and later:
- Power on the CB radio.
- Make sure your iPhone Bluetooth® is turned on.
- Start the Cobra iRadar application. Press the Menu icon (three horizontal bars) in the upper left corner of the app and select Devices. Select 29 LX MAX - APP from the devices list. A successful connection shows under the paired devices list as 29 LX MAX - APP CONNECTED.
- From the main menu, 29 LX MAX - CONNECTED appears.

**Pairing/Connecting With Your Radio**

**For Android™**
- Power on the CB radio.
- Make sure your Android™ Bluetooth® is turned on. Press and hold the Bluetooth button on the microphone to put the radio into Bluetooth pairing mode.
- Select Bluetooth from SETTINGS on the Android device. The Available Devices list should contain the following:
  - 29 LX MAX (phone functionality)
  - 29 LX MAX (iRadar app functionality)
- Select 29 LX MAX for pairing to the iRadar app. The phone might show “Paired but not connected” in this menu. That’s OK as the connection will be completed after opening the iRadar App.
- Enter the iRadar App to complete the connection.
- From the main menu, 29 LX MAX - CONNECTED appears.

**For iPhone® 5s and later**
- Power on the CB radio.
- Make sure your iPhone Bluetooth® is turned on.
- Start the Cobra iRadar application. Press the Menu icon (three horizontal bars) in the upper left corner of the app and select Devices. Select 29 LX MAX - APP from the devices list. A successful connection shows under the paired devices list as 29 LX MAX - APP CONNECTED.
- From the main menu, 29 LX MAX - CONNECTED appears.

**Pairing/Connecting With Your Radio continued**

**For iPhone® 5s and later**
- Power on the CB radio.
- Make sure your iPhone Bluetooth® is turned on.
- Start the Cobra iRadar application. Press the Menu icon (three horizontal bars) in the upper left corner of the app and select Devices. Select 29 LX MAX - APP from the devices list. A successful connection shows under the paired devices list as 29 LX MAX - APP CONNECTED.
- From the main menu, 29 LX MAX - CONNECTED appears.

**AURA® Location-based Alerts (LBAs) and iRadar Community**

Your radio is capable of providing you with LBAs and iRadar Community threat sharing data when connected to a smartphone running iRadar. The radio uses the GPS in your smartphone to connect to and obtain the latest LBAs and alert you to them. Vehicle speed uses your phone’s GPS as well.
AURA and iRadar continued

When other iRadar users detect a radar or laser signal the alert information is anonymously sent to Cobra's cloud servers. Within seconds, that information is processed and displayed on your map as part of a Threat Area.
iRadar users can also report live police, red light cameras, caution zones, etc. These are send to Cobra’s cloud servers and displayed on your map and on the radio as user reported Location Based Alerts (LBA).
The distance will count down as you approach the Location-based Alerts (LBA) Area. The alert types are:

- Photo-enforced Areas
- Known Speed Trap Areas
- Red-light Cameras
- Caution Areas
- Caution Areas (High Speed Trap Areas)
- Speed Cameras
- Caution Areas (High Accident Areas)

As you approach a threat area the iRadar app and the 29 LX MAX will display the type of threat (laser, radar, radar band, etc), the threat level, and when the threat was reported.

Using the Report Button

You can report to the iRadar Community locations where you see active police enforcement or a caution area by pressing the REPORT button on the microphone.

1. To report Live Police, press and release the REPORT button.
2. To report a Caution Area, press and hold the REPORT button for 2 seconds.

A double beep confirmation tone will be heard.
When receiving an alert you can mark the alert TRUE or FALSE by pressing and releasing the REPORT button. To mark the alert TRUE, press and release the REPORT button. To mark an alert FALSE, press and hold the REPORT button for 2 seconds.
A double-beep confirmation tone will be heard.

To Place a call on Hold
During a call the display will show:

- **PRESS ENTER TO HOLD CALL**
- **AND GO TO CB**

Press Menu/Enter knob. This puts the call on hold allowing CB communication.

To Return to Phone Call
While a call is on hold the display will show:

- **PRESS ENTER TO RETURN TO CALL**

Press Menu/Enter knob to resume the call.

To Turn Bluetooth ON/Off on the Radio:

Press Menu/Enter and select Bluetooth:

- **BLUETOOTH ON**
- **SET BT PHONE**
- **SET BT MEDIA**

Press Menu/Enter again to select Bluetooth Phone ON or OFF:

- **PHONE ON**
- **OFF**

Press Menu/Enter again to select Bluetooth Media ON or OFF:

- **MEDIA ON**
- **OFF**
Rewind-Say-Again®
Your 29 LX MAX allows you to play back the last transmission received over the airwaves and record a 10 second memo to be played back at any time.

To Playback the Last Transmission
Press and release the Rewind-Say-Again button on the mic. The last transmission that the radio received will be heard over the speaker.

Note
The previous Memo recording will be erased when a new one is recorded.

Weather Alert
What You Should Know About Weather
If threatening weather is nearby, the National Weather Service may broadcast a 10 second alert tone. This tone will be heard through the CB, even if the CB/WX Control is in the CB mode or the unit is turned off. This enables you to monitor CB frequencies and still be warned by the National Weather Service Emergency Alert. When you hear the alert, press the CB/WX button in the WX mode. You will then be able to hear the Weather Warning Broadcast.

Your 29 LX MAX has a special auto squelch circuit for weather transmission which disables your squelch control.

Weather Alert Scan
The unit will continually scan all 10 WX channels for 1050 Hz tone. If the tone is detected the unit will activate WX mode on the channel with the tone. Default state is Off.

Weather Auto Scan
If active while in CB mode, will determine if the present WX channel is active. If the present WX channel is not active, will search for the strongest WX channel and auto change to that channel. Default is off. Go to Menu mode to choose on/off (see page 30).

Weather Channels
What is Weather Radio?
NOAA Weather Radio (NWR) is a service of the National Oceanic and Atmospheric Administration (NOAA), of the U.S. Department of Commerce. 380 NWR stations are in operation by the U.S. Government in addition to several NWR stations that are maintained by private interest groups. The capability is to supplement warnings by sirens and by commercial radio and television. The 10 National Weather Channels provide full coverage to keep you informed of weather conditions, 24 hours a day, 7 days a week.
Setting Weather Alert Mode
Turns WX Alert On/Off. Default is Off. Press the Menu/Enter knob to select Set WX Alert. If Weather is On, WX Alert Icon will be displayed.

Press the Menu/Enter knob to select On/Off and exit to main menu.

Setting Weather Alert Scan
Press the Menu/Enter knob and rotate clockwise to WX Alert Scan. Press the Menu/Enter knob to select On/Off.

Press Menu/Enter knob to select On/Off and exit to the main menu.

Setting Weather Auto Scan
Press the Menu/Enter knob and rotate clockwise to WX Auto Scan. Press the Menu/Enter knob to select On/Off.

Press the Menu/Enter knob to select On/Off and exit to the main menu.

Software Version/Factory Settings
Displays current software version and returns unit to original factory settings. To view the software version, press the Menu/Enter knob and select Setting then Software Version.

To restore default settings, Press the Menu/Enter knob and select Settings then Go To Rest. Defaults.

Press the Menu/Enter knob to restore default settings. Choose NO to maintain present settings with no change.

Note
Default display color is blue.

Note
Press Dim/Escape button to return to CB mode.

Note
If an alert is detected the unit will activate WX mode on the channel with the alert.
**Operation**

NB-ANL/OFF (Noise Blanker/Automatic Noise Limiter) Button

When switched to ANL the Automatic Noise Limiter is activated. This helps reduce noise created by the vehicle's electronics.

When switched to NB/ANL mode the RF Noise Blanker is also activated, providing increased noise filtration.

When switched to OFF mode all noise filtration will be turned off.

Setting Delta Tune

Rotate the Delta Tune knob to the center position for optimum tuning.

RF Gain Control

The RF Gain is used to optimize reception in strong or weak signal areas.

Rotate the RF Gain knob counterclockwise to reduce gain in strong signal areas. In weak signal areas turn clockwise to increase gain.

Program Memory Channels

Set first channel. Press and hold the Scan/Mem Scan button. The Memory icon will appear. Select a second channel, press and hold the Scan/Mem Scan button again until the Memory icon appears. Repeat above steps to enter up to 10 channels in memory.

Pressing the Scan/Memory Scan button toggles from Off to Scan All Channels to Memory Channel Only Scan and back to Off.

Press the Dim/Escape button to end Scan and return to CB mode.

Note

The RF noise blanker is very effective in reducing repetitive noises such as ignition interference.

Note

The radio should be squelched before scan features are activated.

Note

Keying the microphone will stop the scan feature.

Note

If more than 10 channels are attempted to be programmed, 3 error beeps will be heard and “Memory Full” will be displayed for 10 seconds or until any button is pushed.

Note

To remove a channel from memory, go to the unwanted memory channel then press and hold the SCAN/MEM SCAN button until the MEM icon turns off.
Operation

Scan CB Channels
To scan all 40 CB channels, the unit must be squelched. Press and release the Scan/Mem Scan button once.

Scan Memory Channels
To scan memory channels, press and release the Scan/Mem Scan button twice.

Dimmer Control
Press the Dim/Esc button to toggle between day and night settings. See setting instructions on page 21.

Setting Squelch
Squelch is the “control gate” for incoming signals.

Gate closed

1 Full clockwise rotation closes the gate allowing only very strong signals to enter.

Gate open

2 Full counterclockwise rotation opens the “gate” allowing all signals in.

Note
If in WX mode the unit will scan Weather channels.

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1 Full clockwise rotation closes the gate allowing only very strong signals to enter.

Gate open

2 Full counterclockwise rotation opens the “gate” allowing all signals in.
Operation

S/RF Meter
This meter swings proportionately to the RF output (outgoing signal) while transmitting.

Setting Squelch continued
To achieve the Desired Squelch Setting (DSS), turn the Squelch control counterclockwise until you hear noise. Now turn the control clockwise just until the noise stops. This is the DSS setting.

S/RF-SWR-CAL button must be in the S/RF mode.

External Speaker
The external speaker jack is used for remote receiver monitoring.

Connect an external speaker to the external speaker jack on the rear panel.

External Push-to-Talk Jack
The external push-to-talk jack is used for remote transmit function with optional PTT (see accessory page 47) and when the external microphone is connected.

Connect an external push-to-talk device to the external push-to-talk jack on the rear panel.

External Microphone Jack
The external microphone jack is used to connect the supplied external microphone for phone use only. When the external PTT (above) is connected, the external microphone can be used for both CB and phone voice transmissions.

Connect the external microphone (included) to the external microphone jack on the rear panel.

Note
The external speaker should have 8-ohm impedance and be rated to handle at least 4.0 watts. When an external speaker is plugged in, the internal speaker is automatically disconnected.

Note
Cobra external speakers are rated at 10 watts.
Home And Office Set-Up

Base Station Operation
To operate your transceiver from home or office you will need a 13.2 volt DC Power Pack rated at a minimum of 2 amps, and a properly installed base station antenna.

1. Simply connect the red (+) and black (−) leads of the transceiver to the corresponding terminals of the power pack.

2. Plug the power cable into the back of the unit marked “Power”. Be sure to observe the polarity markings.

3. Connect the properly installed and matched base station antenna.

Temporary Mobile Operation
For temporary mobile operation you may want to purchase an optional cigarette lighter adapter from your COBRA dealer. This adapter and a magnetic mount antenna allow you to quickly “install” your transceiver for temporary use.

Warning!
Do not attempt to operate this transceiver by connecting it directly to 120V AC.

Note
For further information call Cobra Customer Service 1.773.889.3087.
How Your CB Can Serve You

- Warn of traffic problems
- Provide weather and road data
- Provide help in event of an emergency
- Provide direct contact with home or office
- Assist police by reporting erratic drivers
- Get “local information” to find destination
- Communicate with family and friends
- Suggest spots to eat and sleep
- Keep you alert while traveling

A Few Rules You Should Know

A. Conversations cannot last more than 5 minutes with another station. A one minute break is required to let others use the channel.

B. You cannot blast others off the air by use of illegally amplified transmitters or illegally high antennas.

C. You cannot use CB to promote illegal activities.

D. Profanity is not allowed.

C. You may not transmit music with a CB.

E. Selling of merchandise and/or services is prohibited.

1. Set to channel 9 for emergencies
   Be sure antenna is properly connected.

2. CB Distress Data
   When transmitting an emergency, you should request a “REACT BASE” and provide the CB distress data (called CLIP):
   - Call Sign  Identify yourself.
   - Location  Be exact.
   - Injuries  Number. Type. Trapped?
   - Problem  Give details and help needed.

Transmit CLIP repeatedly so any monitor can assist.

How Your CB Can Serve You

The FCC gives these examples of permitted and prohibited messages for channel 9. These are only guidelines and not all-inclusive:

<table>
<thead>
<tr>
<th>Permitted</th>
<th>Example Message</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>“Tornado sighted six miles north of town.”</td>
</tr>
<tr>
<td>No</td>
<td>“Post number 10. No tornado sighted.”</td>
</tr>
<tr>
<td>Yes</td>
<td>“Out of gas on I-95 at mile marker 211.”</td>
</tr>
<tr>
<td>No</td>
<td>“Out of gas in my driveway.”</td>
</tr>
<tr>
<td>Yes</td>
<td>“Four car accident on I-95 at Exit 11. Send police and ambulance.”</td>
</tr>
<tr>
<td>No</td>
<td>“Traffic moving smoothly on I-94.”</td>
</tr>
<tr>
<td>Yes</td>
<td>“Weather Bureau has issued thunderstorm warning. Bring sailboat into port.”</td>
</tr>
<tr>
<td>No</td>
<td>“Attention motorists. Weather Bureau advises snow tomorrow will accumulate 4 to 6 inches.”</td>
</tr>
<tr>
<td>Yes</td>
<td>“Fire in building at 539 Main, Evanston.”</td>
</tr>
<tr>
<td>No</td>
<td>“Halloween patrol number 3. All quiet.”</td>
</tr>
</tbody>
</table>

Note
If no response on channel 9, try channels 19 or 14.
# How Your CB Can Serve You

## CB 10-Codes

Citizen Bands have adopted the "10-CODES" for standard questions and answers. These codes provide quick and easy communication, especially in noisy areas. Following are some of the more common codes and meanings:

<table>
<thead>
<tr>
<th>Code</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>10-1</td>
<td>Receiving poorly</td>
</tr>
<tr>
<td>10-2</td>
<td>Receiving well</td>
</tr>
<tr>
<td>10-3</td>
<td>Stop transmitting</td>
</tr>
<tr>
<td>10-4</td>
<td>OK, message received</td>
</tr>
<tr>
<td>10-5</td>
<td>Relay message</td>
</tr>
<tr>
<td>10-6</td>
<td>Busy, stand by</td>
</tr>
<tr>
<td>10-7</td>
<td>Out of service, leaving</td>
</tr>
<tr>
<td>10-8</td>
<td>In service, subject to call</td>
</tr>
<tr>
<td>10-9</td>
<td>Repeat message</td>
</tr>
<tr>
<td>10-10</td>
<td>Transmission completed standing by</td>
</tr>
<tr>
<td>10-11</td>
<td>Talking too rapidly</td>
</tr>
<tr>
<td>10-12</td>
<td>Visitors present</td>
</tr>
<tr>
<td>10-13</td>
<td>Advise weather/roads</td>
</tr>
<tr>
<td>10-16</td>
<td>Make pick up at</td>
</tr>
<tr>
<td>10-17</td>
<td>Urgent business</td>
</tr>
<tr>
<td>10-18</td>
<td>Anything for us?</td>
</tr>
<tr>
<td>10-19</td>
<td>Return to base</td>
</tr>
<tr>
<td>10-20</td>
<td>My location is</td>
</tr>
<tr>
<td>10-21</td>
<td>Call by phone</td>
</tr>
<tr>
<td>10-22</td>
<td>Report in person to</td>
</tr>
<tr>
<td>10-23</td>
<td>Stand by</td>
</tr>
<tr>
<td>10-24</td>
<td>Completed last assignment</td>
</tr>
<tr>
<td>10-25</td>
<td>Can you contact</td>
</tr>
<tr>
<td>10-26</td>
<td>Disregard last info</td>
</tr>
<tr>
<td>10-27</td>
<td>Moving to channel</td>
</tr>
<tr>
<td>10-28</td>
<td>Identify your station</td>
</tr>
<tr>
<td>10-29</td>
<td>Time is up for contact</td>
</tr>
<tr>
<td>10-30</td>
<td>Does not conform to FCC rules</td>
</tr>
<tr>
<td>10-33</td>
<td>Emergency traffic</td>
</tr>
<tr>
<td>10-34</td>
<td>Trouble at this station</td>
</tr>
<tr>
<td>10-35</td>
<td>Confidential information</td>
</tr>
<tr>
<td>10-36</td>
<td>Correct time is</td>
</tr>
<tr>
<td>10-37</td>
<td>Wrecker needed at</td>
</tr>
<tr>
<td>10-38</td>
<td>Ambulance needed</td>
</tr>
<tr>
<td>10-39</td>
<td>Message delivered</td>
</tr>
<tr>
<td>10-41</td>
<td>Turn to channel</td>
</tr>
<tr>
<td>10-42</td>
<td>Traffic accident at</td>
</tr>
<tr>
<td>10-43</td>
<td>Traffic tie up at</td>
</tr>
<tr>
<td>10-44</td>
<td>Have a message for</td>
</tr>
<tr>
<td>10-45</td>
<td>All units within range please report</td>
</tr>
<tr>
<td>10-50</td>
<td>Break channel</td>
</tr>
<tr>
<td>10-60</td>
<td>What is next message number?</td>
</tr>
<tr>
<td>10-62</td>
<td>Unable to copy. Use phone</td>
</tr>
<tr>
<td>10-63</td>
<td>Net directed to</td>
</tr>
<tr>
<td>10-64</td>
<td>Net clear</td>
</tr>
<tr>
<td>10-65</td>
<td>Awaiting your next message/assignment</td>
</tr>
<tr>
<td>10-67</td>
<td>All units comply</td>
</tr>
<tr>
<td>10-70</td>
<td>Fire at</td>
</tr>
<tr>
<td>10-71</td>
<td>Proceed, transmission in sequence</td>
</tr>
<tr>
<td>10-77</td>
<td>Negative contact</td>
</tr>
<tr>
<td>10-81</td>
<td>Reserve hotel room for</td>
</tr>
<tr>
<td>10-82</td>
<td>Reserve room for</td>
</tr>
<tr>
<td>10-85</td>
<td>My address is</td>
</tr>
<tr>
<td>10-91</td>
<td>Talk closer to mic</td>
</tr>
<tr>
<td>10-93</td>
<td>Check my frequency on this channel</td>
</tr>
<tr>
<td>10-94</td>
<td>Give me a long count</td>
</tr>
<tr>
<td>10-99</td>
<td>Mission completed, all units secure</td>
</tr>
<tr>
<td>10-200</td>
<td>Police needed at</td>
</tr>
</tbody>
</table>
## Frequency Ranges

The Cobra 29 LX MAX transceiver represents one of the most advanced AM two-way radios used as a Class D station in the Citizens Radio Service. This unit features advanced Phase Lock Loop (PLL) circuitry providing complete coverage of all 40 CB channels.

<table>
<thead>
<tr>
<th>CB Channel</th>
<th>Channel 1</th>
<th>Channel 2</th>
<th>WX Channel</th>
<th>Channel 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>26.965</td>
<td>27.215</td>
<td>1</td>
<td>162.550</td>
</tr>
<tr>
<td>2</td>
<td>26.975</td>
<td>27.225</td>
<td>2</td>
<td>162.400</td>
</tr>
<tr>
<td>3</td>
<td>26.985</td>
<td>27.235</td>
<td>3</td>
<td>162.475</td>
</tr>
<tr>
<td>4</td>
<td>27.005</td>
<td>27.245</td>
<td>4</td>
<td>162.425</td>
</tr>
<tr>
<td>5</td>
<td>27.015</td>
<td>27.255</td>
<td>5</td>
<td>162.450</td>
</tr>
<tr>
<td>6</td>
<td>27.025</td>
<td>27.265</td>
<td>6</td>
<td>162.500</td>
</tr>
<tr>
<td>7</td>
<td>27.035</td>
<td>27.275</td>
<td>7</td>
<td>162.525</td>
</tr>
<tr>
<td>8</td>
<td>27.055</td>
<td>27.285</td>
<td>8</td>
<td>161.650</td>
</tr>
<tr>
<td>9</td>
<td>27.065</td>
<td>27.295</td>
<td>9</td>
<td>161.775</td>
</tr>
<tr>
<td>10</td>
<td>27.075</td>
<td>27.305</td>
<td>10</td>
<td>163.275</td>
</tr>
<tr>
<td>11</td>
<td>27.085</td>
<td>27.315</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>27.105</td>
<td>27.325</td>
<td></td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>27.115</td>
<td>27.335</td>
<td></td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>27.125</td>
<td>27.345</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>27.135</td>
<td>27.355</td>
<td></td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>27.155</td>
<td>27.365</td>
<td></td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>27.165</td>
<td>27.375</td>
<td></td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>27.175</td>
<td>27.385</td>
<td></td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>27.185</td>
<td>27.395</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>27.205</td>
<td>27.405</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## 29 LX MAX Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>GENERAL</strong></td>
<td></td>
</tr>
<tr>
<td><strong>CHANNELS</strong></td>
<td>CB - 40 CH</td>
</tr>
<tr>
<td><strong>FREQUENCY RANGE</strong></td>
<td>CB - 26.965 TO 27.405 MHZ</td>
</tr>
<tr>
<td><strong>FREQUENCY TOLERANCE</strong></td>
<td>0.005%</td>
</tr>
<tr>
<td><strong>FREQUENCY CONTROL</strong></td>
<td>PLL (Phase Lock Loop) SYNTHESIZER</td>
</tr>
<tr>
<td><strong>OPERATING TEMPERATURE RANGE</strong></td>
<td>-30°C TO + 50°C</td>
</tr>
<tr>
<td><strong>MICROPHONE</strong></td>
<td>Plug-in Electret</td>
</tr>
<tr>
<td><strong>INPUT VOLTAGE</strong></td>
<td>13.2VDC nom negative ground</td>
</tr>
<tr>
<td><strong>Current Drain</strong></td>
<td>Transmit: AM full mod., 1.5A (maximum)</td>
</tr>
<tr>
<td></td>
<td>Receive: Squelched, 0.3A; full audio output, 1.2A (nominal)</td>
</tr>
<tr>
<td><strong>Size</strong></td>
<td>8-5/8” D x 7-9/32” W x 2-13/63” H</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>4 lbs.</td>
</tr>
<tr>
<td><strong>Antenna Connector</strong></td>
<td>UHF; SO-239</td>
</tr>
<tr>
<td><strong>Meter</strong></td>
<td>Indicates relative power output received, signal strength, and vswr</td>
</tr>
<tr>
<td><strong>TRANSMITTER</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Power Output</strong></td>
<td>4 watts</td>
</tr>
<tr>
<td><strong>Modulation</strong></td>
<td>AM (Amplitude Modulation)</td>
</tr>
<tr>
<td><strong>Frequency Response</strong></td>
<td>300 to 3000 Hz</td>
</tr>
<tr>
<td><strong>Output Impedance</strong></td>
<td>50 ohms, unbalanced</td>
</tr>
<tr>
<td><strong>RECEIVER</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Sensitivity</strong></td>
<td>Less than 1 µV for 10 dB (S+N) /N</td>
</tr>
<tr>
<td><strong>Selectivity</strong></td>
<td>6 dB @ 7 kHz, 60 dB @ 10kHz</td>
</tr>
<tr>
<td><strong>Image Rejection</strong></td>
<td>80 dB, typical</td>
</tr>
<tr>
<td><strong>Adjacent-Channel Rejection</strong></td>
<td>60 dB, typical</td>
</tr>
<tr>
<td><strong>IF Frequencies</strong></td>
<td>Double Conversion: 1st: 10.695 MHz</td>
</tr>
<tr>
<td></td>
<td>2nd: 455 KHz</td>
</tr>
<tr>
<td><strong>Automatic Gain Control (AGC)</strong></td>
<td>Less than 10 dB change in audio output for inputs from 10 to 50,000 microvolts</td>
</tr>
<tr>
<td><strong>RF Gain range</strong></td>
<td>40 dB</td>
</tr>
<tr>
<td><strong>Noise Blanker</strong></td>
<td>RF type</td>
</tr>
<tr>
<td><strong>Squelch</strong></td>
<td>Adjustable; threshold less than 1µV</td>
</tr>
<tr>
<td><strong>Audio Output Power</strong></td>
<td>4 watts</td>
</tr>
<tr>
<td><strong>Frequency Response</strong></td>
<td>300 to 3000 Hz</td>
</tr>
<tr>
<td><strong>Distortion</strong></td>
<td>Less than 7% @ 3 watts @ 1000 Hz</td>
</tr>
<tr>
<td><strong>Built-in Speaker</strong></td>
<td>8 ohms, 5w</td>
</tr>
<tr>
<td><strong>External Speaker (Not supplied)</strong></td>
<td>8 ohms; disables internal speaker when connected</td>
</tr>
</tbody>
</table>

(SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE)
Cobra Electronics Corporation warrants that its Cobra CB Radios, and the component parts thereof, will be free of defects in workmanship and materials for period of two (2) years from the date of first consumer purchase. This warranty may be enforced by the first consumer purchaser, provided that the product is utilized within the U.S.A.

Cobra will, without charge, repair or replace, at its option, defective CB radios, products or component parts upon delivery to the Cobra factory Service Department, accompanied by proof of the date of first consumer purchase, such as a duplicated copy of a sales receipt.

You must pay any initial shipping charges required to ship the product for warranty service, but the return charges will be at Cobra’s expense, if the product is repaired or replaced under warranty.

Exclusions: This limited warranty does not apply; 1) to any product damaged by accident; 2) in the event of misuse or abuse of the product or as a result of unauthorized alterations or repairs; 3) if the serial number has been altered, defaced or removed; 4) if the owner of the product resides outside the U.S.A.

All implied warranties, including warranties of merchantability and fitness for a particular purpose are limited in duration to the length of this warranty. Cobra shall not be liable for any incidental, consequential or other damages; including, without limitation, damages resulting from loss of use or cost of installation.

Some states do not allow limitations on how long an implied warranty lasts and/or do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to you.

You can find quality Cobra products and accessories at your local Cobra dealer, or in the U.S.A., you can order directly from Cobra. See ordering info on page 44.
FCC Statement

FCC Part 15.19 Warning Statement - (Required for all Part 15 devices)

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.

FCC Part 15.21 Warning Statement-

NOTE: THE GRANTEE IS NOT RESPONSIBLE FOR ANY CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE. SUCH MODIFICATIONS COULD VOID THE USER’S AUTHORITY TO OPERATE THE EQUIPMENT.

FCC Part 15.105(b) Warning Statement- (ONLY Required for 15.109-JBP devices)

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

IC RSS-GEN, Sec 8.3 Warning Statement - (Required for Transmitters with detachable antennas)

ENGLISH: This radio transmitter (identify the device by certification number, or model number if Category II) has been approved by Industry Canada to operate with the antenna types listed below with the maximum permissible gain and required antenna impedance for each antenna type indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device. Immediately following the above notice, the manufacturer shall provide a list of all antenna types approved for use with the transmitter, indicating the maximum permissible antenna gain (in dBi) and required impedance for each.

FRENCH: Le présent émetteur radio (identifier le dispositif par son numéro de certification ou son numéro de modèle s'il fait partie du matériel de catégorie II) a été approuvé par Industrie Canada pour fonctionner avec les types d’antenne énumérés ci-dessous avec un gain admissible maximal et l’impédance requise pour chaque type d’antenne. Les types d’antenne non inclus dans cette liste, ou dont le gain est supérieur au gain maximal indiqué, sont strictement interdits pour l’exploitation de l’émetteur.

IC RSS-102, Sec 2.6 Warning Statement Requirements

The applicant is responsible for providing proper instructions to the user of the radio device, and any usage restrictions, including limits of exposure durations. The user manual shall provide installation and operation instructions, as well as any special usage conditions, to ensure compliance with SAR and/or RF field strength limits. For instance, compliance distance shall be clearly stated in the user manual. The user manual of devices intended for controlled use shall also include information relating to the operating characteristics of the device; the operating instructions to ensure compliance with SAR and/or RF field strength limits; information on the installation and operation of accessories to ensure compliance with SAR and/or RF field strength limits; and contact information where the user can obtain Canadian information on RF exposure and compliance. Other related information may also be included.

IC RSS-GEN, Sec 8.4 Warning Statement- (Required for license-exempt devices)

ENGLISH: This device complies with Industry Canada license-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.

FRENCH: Le présent appareil est conforme aux CNR d’Industrie Canada applicables aux appareils radio exempts de licence. L’exploitation est autorisée aux deux conditions suivantes : (1) l’appareil ne doit pas produire de brouillage, et (2) l’utilisateur de l’appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d’en compromettre le fonctionnement.
The Citizens Band lies between the shortwave broadcast and 10-meter Amateur radio bands, and was established by law in 1949. The Class D two-way communications service was opened in 1959. (CB also includes a Class A citizens band and Class C remote control frequencies.)

FCC Regulations
FCC regulations permit only "transmissions" (one party to another) rather than "broadcasts" (to a wide audience). Thus, advertising is not allowed on CB Channels because that is "broadcasting."

FCC Warnings
All transmitter adjustments other than those supplied by the manufacturer as front panel operating controls, must be made by, or under the supervision of, the holder of an FCC-issued General Radio-Telephone Operator's License. Replacement or substitution of transistors, regular diodes or other parts of a unique nature, with parts other than those recommended by Cobra, may cause violation of the technical regulations of Part 95 of the FCC Rules, or violation of Type Acceptance requirements of Part 2 of the Rules.

You should read and understand Part 95 (included with this unit) of the FCC Rules and Regulations, before operating your Cobra radio, even though the FCC no longer requires you to obtain an operator's license.

What's Included with Your 29 LX MAX

1. CB transceiver
2. Microphone
3. Transceiver bracket
4. Microphone bracket
5. Operating Manual
6. External Microphone
7. DC power cord
8. FCC rules (not shown)
Thank you for purchasing the Cobra 29 LX MAX CB Radio with Bluetooth® Wireless Technology. Properly used, this Cobra product will give you many years of reliable service.

Customer Support
Should you encounter any problems with the product or not understand its many features, please refer to this owner’s manual. If, after referring to the manual, you still need help, call Cobra Customer Service at 773.889.3087.

Cobra Customer Service
Live operators are available M-F 8:00 am - 5:30 pm Central Time at 773-889-3087

Automated Technical Assistance available 24 hours a day, seven days a week. E-mail questions to: productinfo@cobra.com

Cobra on the World Wide Web: Frequently Asked Questions (FAQ) can be found on-line at: www.cobra.com

Our Thanks to You

Optional Accessories

External Push-to-Talk Assembly
For in vehicle use
CA MS4 PTT

Ordering From U.S.A.
Call 773-889-3087 for pricing or visit www.cobra.com.

For Credit Card Orders
Call 773-889-3087 [Press one from the main menu] 8:00 a.m. to 5:30 p.m. Central Time, Monday through Friday.

Make Check or Money Order Payable To Cobra Electronics, Attn: Accessories Dept., 6150 West Cornland Street, Chicago, IL 60707 U.S.A.

To Order Online
Please visit our website: www.cobra.com

Controls and Indicators

Front Side
1. 6-Pin Microphone Connector
2. Power On/Off, Volume
3. Squelch
4. RF Gain
5. Menu/Enter/Channel Selector
6. Dynamic
7. Delta Tune
8. Talk Back Control
9. SWR Calibration
10. Dim/Escape Button
11. Channel 9/Channel 19 Button
12. Scan/Memory Scan
13. CB/WX Weather Button
14. LCD Display
15. RX (Receive)/TX (Transmit), Indicators
16. Signal Strength Meter
17. S/RF SWR CAL Button
18. NB/ANL Button
19. Microphone
20. On Microphone
21. Rewind-Say-Again™ Button
22. Bluetooth® Button
23. Report Button

Back Side
24. External Microphone Jack
25. External Push-To-Talk Jack
26. External Speaker Jack
27. Antenna Connector
28. Power Jack

Our Thanks to You

1. 6 -Pin Microphone  Connector
2. Power On/Off, Volume
3. Squelch
4. RF Gain
5. Menu/Enter/Channel Selector
6. Dynamic
7. Delta Tune
8. Talk Back Control
9. SWR Calibration
10. Dim/Escape Button
11. Channel 9/Channel 19 Button
12. Scan/Memory Scan
13. CB/WX Weather Button
14. LCD Display
15. RX (Receive)/TX (Transmit), Indicators
16. Signal Strength Meter
17. S/RF SWR CAL Button
18. NB/ANL Button
19. Microphone
20. Rewind-Say-Again™ Button
21. Bluetooth® Button
22. Report Button
23. External Microphone Jack
24. External Push-To-Talk Jack
25. External Speaker Jack
26. Antenna Connector
27. Power Jack

Optional Accessories

External Push-to-Talk Assembly
For in vehicle use
CA MS4 PTT

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