Mode Functions

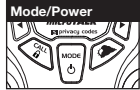### Set DCS Privacy Codes

Mode/Power

DCS Privacy Code

Channel Button

To select a DCS privacy code:
1. After selecting a channel, press the **Mode/Power** button until the DCS icon appears and the small numbers flash on the display (01 through 83).
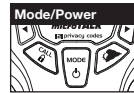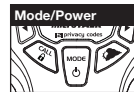
If CTCSS is turned **on** at the channel selected, the display will flash the DCS icon and "OFF." To switch from CTCSS to DCS, press the **Channel Up** or **Channel Down** button while the display is flashing "OFF." The display will then show the small numbers flashing and you will then be able to proceed to step 2.

2. Press using the **Channel Up** or **Channel Down** button to select a DCS privacy code. You can hold the **Up** or **Down** button for fast advance.

3. When DCS privacy code is displayed, choose one of the following:
   a. Press the **Mode/Power** button to enter the new setting and proceed to other functions.
   b. Press and hold the **Mode** button to enter the new setting and return to **Standby** mode.
   c. Press **Talk** or **Call/Lock** button to enter the new setting and return to **Standby** mode.
   d. Do not press any buttons for 15 seconds to enter the new setting and return to **Standby** mode.

Voice Activated Transmit (VOX)

In **VOX** mode, your microTALK® radio can be used "hands-free," automatically transmitting when you speak. You can set the **VOX** sensitivity level to fit the volume of your voice and avoid transmissions triggered by background noise.

Mode/Power

VOX Icon

Channel Button

To turn VOX mode on or off:
1. Press the **Mode/Power** button until the **VOX** icon flashes on the display. The current **On** or **Off** setting is displayed.
2. Press the **Channel Up** or **Channel Down** button to turn VOX **On** or **Off**.
3. Choose one of the following:
   a. Press the **Mode/Power** button to enter the new setting and proceed to other functions.
   b. Press and hold the **Mode** button to enter the new setting and return to **Standby** mode.
   c. Press **Talk** or **Call/Lock** button to enter the new setting and return to **Standby** mode.
   d. Do not press any buttons for 15 seconds to enter the new setting and return to **Standby** mode.

Mode/Power

VOX Sensitivity Level

Channel Button

To set VOX sensitivity:
1. Press the **Mode/Power** button until the **VOX** icon flashes and the current sensitivity level is displayed.

The current VOX sensitivity level is displayed with letters "LE" and a Number 1 through 5, with Number 5 being the most sensitive level and Number 1 being the least sensitive level.

2. Press the **Channel Up** or **Channel Down** button to change the setting.
3. Choose one of the following:
   a. Press the **Mode/Power** button to enter the new setting and proceed to other functions.
   b. Press and hold the **Mode** button to enter the new setting and return to **Standby** mode.
   c. Press **Talk** or **Call/Lock** button to enter the new setting and return to **Standby** mode.
   d. Do not press any buttons for 15 seconds to enter the new setting and return to **Standby** mode.
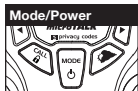
Mode Functions

Ten Call Tone Settings

You can choose between ten different **Call Tone Settings** to transmit a call alert.

Mode/Power

Call Tone Setting

Channel Button

To change a call tone setting:

1. Press the **Mode/Power** button until the letter "C" and the current call tone number (01 through 10) is displayed. The current call tone will sound for three seconds.

2. Press the **Channel Up** or **Channel Down** button to hear the other call tone settings.

3. Choose one of the following:

   a. Press the **Mode/Power** button to enter the new setting and proceed to other functions.

   b. Press and hold the **Mode** button to enter the new setting and return to **Standby** mode.

   c. Press **Talk** or **Call/Lock** button to enter the new setting and return to **Standby** mode.

   d. Do not press any buttons for 15 seconds to enter the new setting and return to **Standby** mode.

VibrAlert® and Call Alert

Call Tone On/ Vibrate On

Call Tone On/ Vibrate Off

Your microTALK® radio can alert you to incoming signals by sounding an audible call tone, by vibrating silently or both.
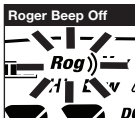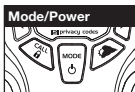
To change call settings:

1. Press the **Mode** button until the **Call Setting** icon flashes on the display. The current setting ("01" vibrate + ring, "02" ring only) is displayed.

2. Press the **Channel Up** or **Channel Down** button to change the call setting.

3. Choose one of the following:

   a. Press the **Mode** button to enter the new setting and proceed to other functions.

   b. Press and hold the **Mode** button to enter the new setting and return to Standby mode.

   c. Press **Talk** or **Call/Lock** button to enter the new setting and return to **Standby** mode.

   d. Do not press any buttons for 15 seconds to enter the new setting and return to **Standby** mode.

Roger Beep Confirmation Tone

Your listener will hear an audible tone when you release the **Talk** button. This alerts the other party that you are finished talking and it is OK for them to speak.
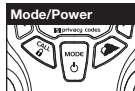
Mode/Power

Roger Beep Off

Channel Button

To turn roger beep on or off:

1. Press the **Mode/Power** button until the **Roger Beep** icon flashes. The current **on** or **off** setting is displayed.

2. Press the **Channel Up** or **Channel Down** button to select roger beep **on** or **off**.

3. Choose one of the following:

   a. Press the **Mode/Power** button to enter the new setting and proceed to other functions.

   b. Press and hold the **Mode** button to enter the new setting and return to **Standby** mode.

   c. Press **Talk** or **Call/Lock** button to enter the new setting and return to **Standby** mode.

   d. Do not press any buttons for 15 seconds to enter the new setting and return to **Standby** mode.

Key Tone On/Off

When **Key Tone** is **On**, an audible tone will sound each time a button is pressed.

Mode/Power

Channel Button

To turn key tone on or off:

1. Current key tone status On/Off will flash.

2. Press the **Channel Up** or **Channel Down** button to select key tone on or off.

3. Choose one of the following:

   a. Press the **Mode/Power** button to enter the new setting and proceed to other functions.

   b. Press and hold the **Mode** button to enter the new setting and return to **Standby** mode.

   c. Press **Talk** or **Call/Lock** button to enter the new setting and return to **Standby** mode.

   d. Do not press any buttons for 15 seconds to enter the new setting and return to **Standby** mode.

Nothing Comes Close to a Cobra®

Mode Functions

Channel Scan

Your microTALK® radio can automatically scan channels.

Scan Button

Scan Channels

Channel Button

To scan channels:

1. Press and release the **Scan** button until the **Scan** icon and the channel numbers appear on the display.

2. Press the **Channel Up** or **Channel Down** button to begin scanning channels.

> The radio ignores specific privacy codes while scanning channels.

The **Scan** icon will continue to be displayed when scan is **on**. Your radio will continue to scan all channels and stop if an incoming transmission is detected. Your radio will remain on that channel for 10 seconds.

During scanning (while receiving an incoming transmission), you can choose from the following:

a. Press and hold the **Talk** button to communicate on that channel. Your radio will remain on that channel and return to **Standby** mode.

b. Press the **Channel Up** or **Channel Down** button to resume scanning channels.

c. Press and hold the **Scan** button to return to **Standby**.

Privacy Code Scan

Your microTALK radio can automatically scan the **Privacy Codes** (either CTCSS 01 through 38 or DCS 01 through 83) within one channel. Only one set of privacy codes (CTCSS or DCS) can be scanned at a time.

Scan Button

Channel Button

Select Channel

Scan Privacy Codes

To scan privacy codes:

1. While in **Standby** mode, press and release the **Scan** button twice (CTCSS) or three times (DCS) until the CTCSS or DCS icon and numbers are flashing.

2. Press the **Channel Up** or **Channel Down** button to choose the channel on which to scan privacy codes.

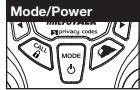3. Press and hold the **Scan** button to begin scanning privacy codes within the selected channel.

The **Scan** icon will continue to be displayed when privacy code scan is **on**. Your radio will continue to scan privacy codes and stop as an incoming transmission is detected. Your radio will remain on that channel/privacy code for 10 seconds.

During scanning (while receiving an incoming transmission), you can choose from the following:

a. Press the **Mode/Power** button to enter the new setting and proceed to other functions.

b. Press and hold the **Mode** button to enter the new setting and return to **Standby** mode.

c. Press **Talk** or **Call/Lock** button to enter the new setting and return to **Standby** mode.

d. Do not press any buttons for 15 seconds to enter the new setting and return to **Standby** mode.

Mode Functions

Set DCS Privacy Codes

Mode/Power

DCS Privacy Code

Channel Button

To select a DCS privacy code:
1. After selecting a channel, press the **Mode/Power** button until the DCS icon appears and the small numbers flash on the display (01 through 83).

If CTCSS is turned **on** at the channel selected, the display will flash the DCS icon and "OFF." To switch from CTCSS to DCS, press the **Channel Up** or **Channel Down** button while the display is flashing "OFF." The display will then show the small numbers flashing and you will then be able to proceed to step 2.

2. Press using the **Channel Up** or **Channel Down** button to select a DCS privacy code. You can hold the **Up** or **Down** button for fast advance.
3. When DCS privacy code is displayed, choose one of the following:
   a. Press the **Mode/Power** button to enter the new setting and proceed to other functions.
   b. Press and hold the **Mode** button to enter the new setting and return to **Standby** mode.
   c. Press **Talk** or **Call/Lock** button to enter the new setting and return to **Standby** mode.
   d. Do not press any buttons for 15 seconds to enter the new setting and return to **Standby** mode.

NOAA* All Hazards Radio Channels

You can use your microTALK radio to listen to **NOAA All Hazards Radio** channels transmitting in your area.

Weather Button

Hazards Radio Icon

Channel Button

To listen to All Hazards Radio channels:
1. Press the **Weather** button until the **All Hazards Radio** icon and the currently selected All Hazards Radio channel are displayed.
2. Use the **Channel Up** or **Channel Down** button to change **All Hazards Radio** channels.
3. The **All Hazards Radio** icon will continue to be displayed when **All Hazards Radio** is **on**.
4. To exit **All Hazards Radio**, press and hold the **Weather** button until **On** or **Off** is displayed.

*National Oceanographic and Atmospheric Administration
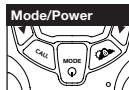
Weather (WX) Alert Mode

Turning **On** the **Weather Alert** function will allow your radio to automatically receive NOAA Hazard Alert radio signals and warnings from designated NOAA broadcast stations. If the radio is turned ON, it will alert to Weather and other emergency alerts broadcast by NOAA.

This feature is set to **OFF** by default.

Make sure the strongest Weather channel is selected for your area using the NOAA All Hazards Radio Channels selection in the previous menu.

Mode/Power

Weather Button

To turn Weather Alert On or Off:
1. Press the **Weather/Lock** button until the Weather Alert icon flashes on the display. The current **On** or **Off** setting is displayed.
2. Press the **Channel Up** and **Channel Down** button to turn Weather Alert **On** or **Off**.
3. Press and hold the Weather/**Lock** button again to save the new setting and exit the **Weather Alert Mode** and return to **Standby** mode.

This radio is rain resistant to JIS4 standards.

Nothing Comes Close to a Cobra®

General Specifications and Licensing

General Specifications

FRS/GMRS Frequency Allocation and Compatibility

Important: Please note that Cobra GMRS models with 15 Channels may designate different channel numbers for the same frequency. For example, a Cobra 15 Channel GMRS model would need to be tuned to Channel 11 in order to communicate with a 22 Channel GMRS tuned to Channel 15. Please refer to the chart below for channel/ frequency number compatibility.

A = Channel No. for 22 Channel FRS/GMRS Models
B = Channel No. for 15 Channel GMRS Models
C = Type of Radio Service
D = Frequency in MHz
E = Power Output

A	B	C	D	E
1	1	FRS/GMRS	462.5625	High
2	2	FRS/GMRS	462.5875	High
3	3	FRS/GMRS	462.6125	High
4	4	FRS/GMRS	462.6375	High
5	5	FRS/GMRS	462.6625	High
6	6	FRS/GMRS	462.6875	High
7	7	FRS/GMRS	462.7125	High
8		FRS	467.5625	Low
9		FRS	467.5875	Low
10		FRS	467.6125	Low
11		FRS	467.6375	Low
12		FRS	467.6625	Low
13		FRS	467.6875	Low
14		FRS	467.7125	Low
15	11	GMRS	462.5500	High
16	8	GMRS	462.5750	High
17	12	GMRS	462.6000	High
18	9	GMRS	462.6250	High
19	13	GMRS	462.6500	High
20	10	GMRS	462.6750	High
21	14	GMRS	462.7000	High
22	15	GMRS	462.7250	High

IMPORTANT NOTICE: FCC LICENSE REQUIRED

This two-way radio operates on GMRS (General Mobile Radio Service) frequencies which require an FCC (Federal Communications Commission) license. A user must be licensed prior to operating on Channels 1 through 7 on high power or 15 through 22, which comprise the GMRS channels of this radio. Serious penalties could result for unlicensed use of GMRS channels, in violation of FCC rules. Operation of this radio is subject to additional rules specified in 47 C.F.R. Part 95.

Licensed users will be issued a call sign by the FCC, which should be used for station identification when operating this radio. GMRS users should also cooperate by engaging in permissible transmissions only, avoiding channel interference with other GMRS users, and being prudent with the length of their transmission time.

For licensing information and application forms, please call the FCC Hotline at 800-418-FORM. Request form #159 and form #605. Questions regarding the license application should be directed to the FCC at 888-CALL-FCC. Additional information is available on the FCC's website at www.fcc.gov.

Channel 1 through 7 on low power and channels 8 through 14 comprise the FRS (Family Radio Service). No license is required to operate on the FRS.

Safety Information for microTALK Radios

Your wireless handheld portable transceiver contains a low power transmitter. When the talk button is pushed, it sends out radio frequency (RF) signals. The device is authorized to operate at a duty factor not to exceed 50%. In August 1996, the Federal Communications Commissions (FCC) adopted RF exposure guidelines with safety levels for handheld wireless devices.

Important

FCC RF Exposure Requirements: For body-worn operation, this radio has been tested and meets the FCC RF exposure guidelines when used with Cobra accessories supplied or designated for this product. Use of other accessories may not ensure compliance with FCC RF exposure guidelines. Use only the supplied antenna. Unauthorized antennas, modifications or attachments could damage the transmitter and may violate FCC regulations.

Normal Position

Hold the transmitter approximately 2 inches from your face and speak in a normal voice, with the antenna pointed up and away.

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 Warnings: Replacement or substitution of transistors, regular diodes or other parts of a unique nature, with parts other than those recommended by Cobra may cause a violation of the technical regulations of part 95 of the FCC rules, or violation of type acceptance requirements of part 2 of the rules.

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Nothing Comes Close to a Cobra® 17

CXT545_MANL.indd   16-17

1/17/13   8:12 AM

Product Service Questions

For any questions about operating or installing this new Cobra product, or if parts are missing…**PLEASE CALL COBRA FIRST…**do not return this product to the store. See customer assistance on page A1.

For Products Purchased in the U.S.A.

If your product should require factory service, please call Cobra first before sending your radio. This will ensure the fastest turn-around time on your repair. You may be asked to send your radio to the Cobra factory. It will be necessary to furnish the following to have the product serviced and returned.

1) For warranty repair include a copy of the original sales receipt. If you send the original receipt, it cannot be returned.

2) Send the entire product.

3) Enclose a detailed description of the problem along with the name and address of where the product is to be returned.

4) Pack radio securely to prevent damage in transit. If possible, use the original packing material.

5) Ship prepaid and insured by way of a traceable carrier such as United Parcel Service (UPS) or Priority Mail to avoid loss in transit to Cobra Factory Service:

   Cobra Electronics Corporation
   6500 West Cortland Street
   Chicago, Illinois 60707 U.S.A.

6) If the radio is under warranty, it will be repaired or exchanged depending on the model.

Please allow approximately three to four weeks before contacting Cobra for status. If the radio is out of warranty, a letter will automatically be sent informing you of the repair charge or replacement charge. If you have any questions, please call 773-889-3087 for assistance.

For Products Purchased Outside the U.S.A.

Please contact your local dealer for product service information.