Cobra microTALK

Owner's Manual

TWO-WAY RADIO MODEL
ACXT1035R FLT
Printed in China
Part No. 814-A10351-101
English

Nothing **Comes Close to a Cobra®**

A-1

Introduction

Making Life Easier and Safer

Staying in touch with your family and friends is convenient and easy when using your microTALK® radio. Some of the many uses you will discover include:

Communicating with others while hiking, biking, and working; keeping track of family and friends at a crowded public event; checking with travel companions in another car; talking with neighbors; arranging meeting spots with others while shopping at the mall.
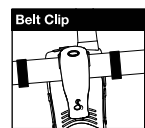
Belt Clip

> **Secure your microTALK® radio while on the go.**
>
> Carrying your microTALK® radio with you is easy when using the belt clip or optional wrist strap.
>
> The belt clip easily attaches to your belt, purse, or backpack.

Customer Assistance

Product Service & Support

In this user's guide, you should find all the information you need to operate your microTALK® radio. If you require further assistance after reading this guide, Cobra offers the following customer assistance services:

For Assistance In The U.S.A.

For any questions about operating or installing this new Cobra product, PLEASE CONTACT COBRA FIRST… do not return this product to the retail store. The contact information for Cobra will vary depending on the country in which you purchased and uses the product. For the latest contact information, please go to www.cobra.com/support or call 1-800-543-1608.

If your product should require factory service, please go to www.cobra.com/support and follow the instructions.

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A-1

Introduction

Product Features
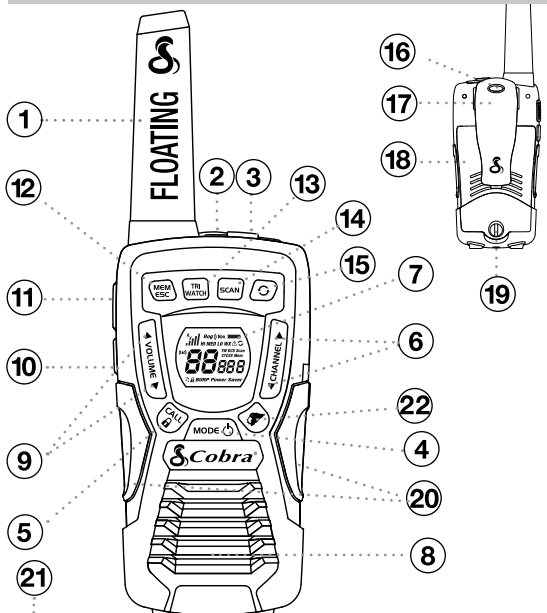
1. Antenna
2. External Speaker/Microphone
3. USB Charge Jack
4. **Mode/Power** Button
5. **Call/Lock** Button
6. **Channel Up/Down** Buttons
7. Backlit LCD Display
8. Speaker/Microphone
9. **Volume Up/Down** Buttons
10. **LED Light** Button
11. **Talk** Button
12. **Memory/Escape** Button
13. **Tri-Watch** Button
14. **Scan** Button
15. **Rewind-Say-Again®** Button
16. Wrist Strap Connection
17. Belt Clip
18. Battery Compartment
19. Battery Door Screws (2)
20. Rubberized Grips
21. **LED** Flashlight
22. **Weather** Button

A-2

Features
- **22 Channels**
- **10 Channel Weather Radio**
- **Weather Alert**
- **121 Privacy Codes** (38 CTCSS codes/ 83 DCS codes)
- **Hands-Free Operation (VOX)**
- **VibrAlert® Silent Paging**
- **Rewind-Say-Again®**
- **Tri-Watch**
- **Scan** Channels, privacy codes
- **Backlit LCD Display**
- **LED Flashlight**
- **Call Alert** Ten selectable tones
- **Button Lock**
- **Speaker/Microphone**
- **Charge Jack**
- **Roger Beep** Selectable On/Off
- **Battery/Power Saver**
- **Keystroke Tones** Selectable On/Off
- **Battery Level Indicator**
- **Low Battery Audible Alert**
- **Auto Squelch**
- **Belt Clip**

Backlit LCD Display
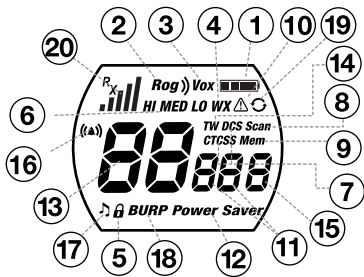
1. Battery Level Indicator
2. Roger Beep Icon
3. VOX Icon
4. Weather Icon
5. Lock Icon
6. Hi/Med/Low Power Icon
7. DCS/CTCSS Icons
8. Scan
9. Memory Icon
10. Weather Alert Icon
11. DCS/CTCSS Privacy Code Numbers
12. Power Saver Icon
13. Channel Numbers
14. Receive/Transmit Icon
15. Memory Channel Number
16. VibrAlert® / Call Alert Icon
17. Key Tone Icon
18. BURP Icon
19. Rewind-Say-Again® Icon
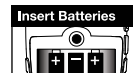20. Signal Strength Meter

A-3

Caring for Your microTALK® Radio

Your microTALK® radio will give you years of trouble-free service if cared for properly. Handle the radio gently. Keep the radio away from dust. Avoid exposure to extreme temperatures.

Installing Batteries

Remove Belt Clip

Insert Batteries

Tip of Belt Clip

Radio Charger Jack

To install or replace batteries:
1. Remove belt clip by releasing belt clip latch and sliding clip up.
2. Loosen the two top and bottom screws on the back of the radio to remove the battery compartment cover. **HINT:** the screws should be loose enough (and sticking up) that you could use them to help pull off the battery door if needed.
3. Insert the supplied three AA rechargeable batteries or non-rechargeable alkaline batteries. Position batteries according to polarity markings.
4. Replace battery compartment cover, screw down the screws and re-attach the belt clip.
5. Tighten the screws using the tip of the belt clip to secure the battery door to the radio. Do not overtighten. Only use the tip of the belt clip to tighten the screws.
- Do not attempt to charge alkaline batteries.
- Do not mix old and new batteries.
- Do not mix alkaline, standard (carbon-zinc), or rechargeable (Ni-Cd, Ni-MH, etc.) batteries.

**To charge batteries in radio:**
1. Check to see that the batteries are inserted properly.
2. Insert the cable into the charge jack located at the top of the radio.
3. Plug the charging cable into a power source.
- Use only the supplied rechargeable batteries and charger for recharging your Cobra microTALK® radio.
- Cobra recommends your radio is turned off while being charged.
- It normally takes about 15 hours to fully charge batteries.
- Non-rechargeable alkaline batteries can also be used in your radio.

> This radio floats with included NiMH batteries. It may not float with some other AA batteries.

1

Operation

Using Your Radio
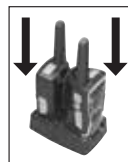
For charging microTALK® radio(s) in desktop charger:
1. Insert radio(s) into desktop charger as shown.
2. Insert the micro-USB cable into jack on back of charger.

Note: Charger should be installed near the equipment and easily accessible.

3. Plug the charging cable into a power source near the equipment that is easily accessible.

If charging light is not **on**, check position of radio. Radio should be upright.

The charge indicator light will stay **on** until the charging is complete.

> **Quick Start**
> 1. Press and hold the **Mode/Power** button to turn on your radio.
> 2. Press the **Channel Up** or **Channel Down** button to select a channel.
>
> > Both radios must be tuned to the same channel/privacy code to communicate.
>
> 3. Press and hold the **Talk** button while speaking into the microphone.
> 4. When finished talking, release the **Talk** button and listen for a response.

Turning on Your microTALK® Radio
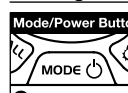
Mode/Power Button

Press and hold the **Mode/Power** button until you hear a series of audible tones indicating the radio is **on**.

Your microTALK® radio is now in **Standby** mode, ready to receive transmissions. The radio is always in **Standby** mode except when in the Weather Mode or when the the **Talk, Call** or **Mode/Power** buttons are pressed.

2

Battery Low

Battery Low

When battery power is low, the final bar in the **Battery Low** icon will blink and an audible tone will sound twice before the radio shuts off. Your batteries should be replaced if using alkaline batteries or recharged if using rechargeable batteries.

> The radio's LCD display will show a blinking charging status indicator while charging.

Auto Battery Save

Battery Save Mode

If there are no transmissions within 10 seconds, the radio will automatically switch to **Battery Save** mode and the **Power Saver** icon will flash in the display. This will not affect the radio's ability to receive incoming transmissions.

Communicating with Another Person

Talk Button

1. Press and hold the **Talk** button.
2. With the microphone about two inches (5 cm) from your mouth, speak in a normal voice.
3. Release the **Talk** button when you are finished talking and listen for a response.

You cannot receive incoming calls while pressing the **Talk** button.

Two Inches (5 cm) from Mouth

> Both radios must be tuned to the same channel to communicate.

To Select a Channel

Channel Button

With the radio **on**, select any of the 22 channels by pressing the **Channel Up** or **Channel Down** button.

Channel Number

> Both radios must be tuned to the same channel to communicate.

> See **page 19** for frequency allocations.

3

Listening for a Response

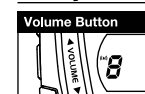**Listening**

Release the **Talk** button to receive incoming transmissions. Your microTALK® radio is normally in **Standby** mode while the **Talk** or **Call** buttons are not pressed.

To Adjust Volume

Volume Button

Press the **Volume Up** or **Volume Down** button.

A double beep sound is used to indicate the minimum and maximum volume levels (1 through 8).

Volume Level

Call Button

Call Button

Press the **Call** button.

The other person will hear a three second call tone. This tone is used only to establish voice communications.

> See **page 10** on how to select between ten call tone settings.

LED/S.O.S. Flashlight

LED/S.O.S. Flashlight

Press the **LED flashlight** button below the **Talk** button to use the LED flashlight located at the bottom of the radio.

To activate S.O.S. function, press and hold the **LED flashlight** button to turn on. Press and release to turn off the flashlight or S.O.S function.

Auto Squelch/Maximum Range

Your microTALK® radio will automatically mute weak transmissions and unwanted noise due to terrain, conditions or if you've reached your **Maximum Range** limit.

4


Lock Function

Lock Button

Lock Icon

The Lock function locks the **Channel Up, Channel Down, Volume Up, Volume Down, Mem/ESC, Tri Watch, Scan, Rewind-Say-Again, Weather**, and **Mode/Power** buttons to prevent accidental operation.

To turn the lock on or off:

– Press and hold the **Call/Lock** button for two seconds.

A double beep sound is used to confirm your lock **on** or **off** request. When in **Lock** mode, the **Lock** icon will be displayed.

microTALK® Range
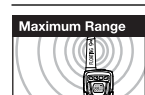
Maximum Range

Your range will vary depending on terrain and conditions.

In flat, open country your radio will operate at maximum range.

Reduced Range

Buildings and foliage in the path of the signal can reduce the range of the radio.

Reduced Range

Dense foliage and hilly terrain will further reduce the range of the radio.

On Channels 8 through 14, your radio automatically switches to low power, which will limit the range the radio can communicate.

5

Operation

Mode Functions

Scrolling Through the Mode Function

By scrolling through the **Mode** function, you will be able to select or turn **on** preferred features of your microTALK® radio. When scrolling through the **Mode** function, your radio features will be displayed in the same predetermined order:

Mode/Power Button
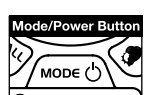
- Set CTCSS Privacy Codes
- Set DCS Privacy Codes
- Set Hi-Mid-Low Power
- Set Vox On/Off
- Set Vox Sensitivity
- Set Call Tones 1-10
- Set VibrAlert On/Off
- Set Roger Beep On/Off
- Set Key Tones On/Off
- Set Rewind-Say-Again On/Off

Privacy Codes

Your microTALK® radio incorporates two advanced coded squelch systems that can help to reduce interference from other users on any given channel. CTCSS (Continuous Tone Coded Squelch System) provides 38 privacy codes and DCS (Digitally Coded Squelch) provides 83 privacy codes. This provides a total of 121 **Privacy Codes**. Either system can be used on all channels, but both systems cannot be used on the same channel at the same time.

> To successfully communicate using a privacy code, both the sending and receiving radios must be tuned to the same channel and to the same privacy code system (CTCSS or DCS) and privacy code number. Each channel will remember the last privacy code system and number you select.

> The privacy code 00 is not a privacy code, but allows all signals to be heard on a channel that is set to 00 on both the CTCSS and DCS systems.

6
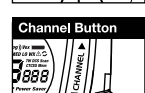

Set CTCSS Privacy Codes

Mode/Power Button

Privacy Code
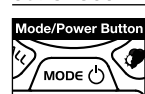
Channel Button

To select a CTCSS privacy code:
1. After selecting a channel, press the **Mode/Power** button once for the **CTCSS** icon to appear and the small numbers next to the channel number start flashing on the display.

> If DCS is turned on at the channel selected, the display will flash the CTCSS icon and "OFF." To switch from DCS to CTCSS, 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 privacy code. You can hold the **Up** or **Down** button for fast advance.
3. When your desired CTCSS privacy code is displayed, press the **Mode/Power** button to enter the new setting and proceed to other functions, or press the **Talk** button to return to **Standby** mode.

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Set DCS Privacy Codes

Mode/Power Button

DCS Privacy Code

Channel Button
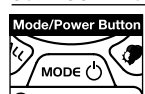

To select a DCS privacy code:
1. After selecting a channel, press the **Mode/Power** button twice for the DCS icon to appear and the small numbers start flashing on the display (00 through 83).

> 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, press the **Mode/Power** button to enter the new setting and proceed to other functions, or press the **Talk** button to return to **Standby** mode.

Set High/Medium/Low (H-M-L) Power Button

Your radio can transmit selectively at 0.5, 1, or 2 watts of power. Use the low power setting for short-range communications and use the high power setting for long-range communications.

Mode/Power Button

Channel Button

Hi/Med/Lo Icon

To toggle between H-M-L Power Modes:
1. Press the **Mode/Power** button repeatedly until **HI MED LO** icon appears.
2. Press using the **Channel Up** or **Channel Down** button to select between High/Medium/Low power.
3. When the desired power is selected, press the **Mode/Power** button to proceed to other functions, or press the **Talk** button to return to **Standby** mode.
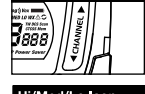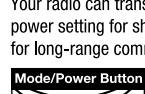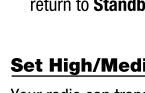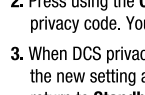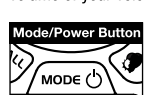
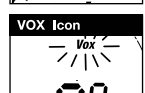> Channel 8 through 14 only operates on **Low** power setting.

8
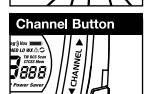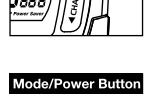

Voice Activated Transmit (VOX)

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 Button

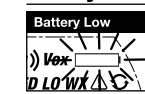**VOX Icon**

To turn VOX mode on or off:
1. Press the **Mode/Power** button repeatedly 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. When VOX is turned on or off, press the **Mode/Power** button to enter the new setting and proceed to other functions, or press the **Talk** button to return to **Standby** mode.

Mode/Power Button

VOX Sensitivity Level

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

> The current VOX sensitivity level is displayed with letters "L" 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. When VOX sensitivity is selected, press the **Mode/Power** button to enter the new setting and proceed to other functions, or press the **Talk** button to return to **Standby** mode.

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Ten Call Tone Settings

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

Mode/Power Button

Call Tone Setting

Channel Button

To change a call tone setting:
1. Press the **Mode/Power** button repeatedly 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 **Talk** or **Call/Lock** button to return to **Standby** mode.
   c. Do not press any buttons for 12 seconds to return to **Standby** mode.

VibrAlert® and Call Alert

Your MicroTALK® radio can alert you to incoming signals by sounding an audible call tone or an audible tone with VibrAlert®.

Call Tone On/Vibrate On

Channel Button

Call Tone On/Vibrate Off

To change call settings:
1. Press the **Mode** button repeatedly 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 **Talk** or **Call/Lock** button to return to **Standby** mode.
   c. Do not press any buttons for 12 seconds to return to **Standby** mode.

Mode Functions (continued on back side)

10

Mode Functions (continued)

Roger Beep Confirmation Tone

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

To turn roger beep on or off:

1. Press the **Mode/Power** button repeatedly 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 **Talk** or **Call/Lock** button to return to **Standby** mode.
   c. Do not press any buttons for 12 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.

To turn key tone on or off:

1. Press the Mode/Power button repeatedly until the Key Tone (music note) icon flashes with the current on/off setting.
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 **Standby** mode.
   b. Press **Talk** or **Call/Lock** button to return to **Standby** mode.
   c. Do not press any buttons for 12 seconds to enter the new setting and return to **Standby** mode.

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Rewind-Say-Again®

Rewind On/Off

If **Rewind** is enabled, the last 20 seconds of incoming audio is recorded and you can play back calls by pressing the **Rewind** button.

To set the Rewind mode ON or OFF:

1. Press the **Mode/Power** button repeatedly until the **Rewind** icon appears.
2. Press Channel Up/Down button to select **ON** or **OFF**.
3. Press **Push-to-talk (PTT)** button to save entry. Use the Cobra exclusive **Rewind-Say-Again®** feature to replay or record the last 20 seconds of an incoming audio transmission.

Example 1:

When music or conversation creates too much noise to hear an inbound message clearly, press the **REWIND** button to hear the message again.

Example 2:

When listening to an important message with distracting background noise, press the **REWIND** button to hear the message repeated. To erase the recorded audio, hold down the **REWIND** button while turning on the radio. 2 confirmation beeps will be heard indicating that the recorded® audio has been erased.

> Hold the **Rewind** button to lock the recording memory (the Rewind icon flashing) and save the currently recorded transmission.

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10 Memory Location

Your microTALK® radio has **10 Memory Locations** for storing your most frequently used channels and channel/privacy code combinations. These **Memory Locations** can be selected individually or can be scanned.

To program a memory location:

1. Press and hold the **MEM/ESC** button. **Memory** icon and **Memory Location** will show on the display.
2. Press the **Channel Up** or **Channel Down** button to select the memory location (0 through 9).

> If a location has been programmed before, its associated channel/privacy code will be shown on the display.

3. Press the **MEM/ESC** button to enter a new memory location or edit an already programmed memory location.
4. Press the **Channel Up** or **Channel Down** button to select the memory location.
5. Press the **MEM/ESC** button. The channel numbers will flash on the display.
6. Press the **MEM/ESC** button or **Channel Down** button to select a channel (1 through 22).
7. Press the **MEM/ESC** button. The **CTCSS** icon and privacy code numbers will flash on the display.
8. Choose one of the following:
   a. Press the **Channel Up** or **Channel Down** button to select a CTCSS privacy code (00 through 38) for the channel.
   b. Press the **MEM/ESC** button to switch from CTCSS to DCS. The DCS icon and privacy code numbers will flash on the display. The **Channel Up** or **Channel Down** button can then be used to select a DCS privacy code (00 through 83) for the channel.

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> If "oF" flashes in place of the privacy code numbers, a privacy code is already set in the opposite (CTCSS or DCS) system. Press the **Channel Up** or **Channel Down** button to cancel the opposite code and select a privacy code from the active system for the selected channel.

9. Choose one of the following:
   a. Press the **MEM/ESC** button to enter the channel/privacy code in the selected memory location. Press the Channel Up or Channel Down to proceed to the next memory location, which will blink.
   b. Press and hold the **MEM/ESC** button to save the current state of the Set Memory Function and press the **MEM/ESC** button again return to Standby mode.

To recall a stored memory channel location:

1. Press the **MEM/ESC** button once for the Memory icon and the memory location number to flash on the display.
2. Press the **Channel Up** or **Channel Down** button to select a memory location (0 through 9).

> If a location has been programmed before, its associated channel/privacy code will be shown on the display.

3. Press and hold the **MEM/ESC** button to return to **Standby** mode on the selected memory location.

> A memory location can be reprogrammed at any time it is displayed. Press the **MEM/ESC** button to begin.

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Tri-Watch Set-up

Your microTALK® radio can be set up to scan three of your favorite channels for activity.

To Program or Edit the Tri-Watch Channels:

1. Press and hold the **TRI-WATCH** button from **Standby** mode for two (2) seconds to activate **Tri-Watch Setup** mode. The **TW** icon on the display will turn **ON**.

> The main channel number will flash to indicate channel position.

2. Press **Channel Up** or **Channel Down** button to select the desired Tri-Watch channel.
3. Press and release **TRI-WATCH** button to confirm entry.
4. Repeat steps 2 and 3 to program the remaining additional **Tri-Watch** memory channel.
5. After programming the **Tri-Watch** memory channels the radio will immediately engage **Tri-Watch** mode.

Using Tri-Watch:

1. From **Standby** mode, press the **TRI-WATCH** button. The **TW** will appear in the display along with the three channels stored in the **Tri-Watch** memory.
2. The radio will scan through the three (3) **Tri-Watch** memory channels.
3. A signal on any one (1) of the three (3) channels will stop the scan for 6 seconds after the last incoming transmission, to allow you to listen to the traffic on that location.

> After the **Tri-Watch** scan stops to monitor a channel, as long as you do not press any buttons within 6 seconds of the last transmission, your radio will automatically resume scanning the **Tri-Watch** channels.

4. Press **Channel Up** or **Channel Down** button to resume scanning the **Tri-Watch** channels or to change the scan direction.
5. To EXIT the **Tri-Watch** scan, press the **TRI-WATCH** button again, and the radio will return to **Standby** mode.

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BURP

BURP features allows the user to expel water from inside the speaker grille. This is useful if the radio is dropped in the water which may become trapped in the speaker grille and muffle the audio.

To activate BURP:

1. Press the **MEM/ESC** and **Rewind** buttons at the same time.
2. The Burp tone(s) at maximum level will sound from the internal speaker for 8 seconds. During this time, **BURP** will appear in the display.
3. Hold the radio with the speaker grille down to help the water drain out.
4. After an 8-second interval, the radio will return to standby.

Channel Scan

Your microTALK® radio can automatically scan channels.

To scan channels:

1. Press and release the **Scan** button until the **Scan** icon and the channel numbers appear on the display.
2. Press and hold the **Scan** 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 6 seconds after the last incoming transmission.

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**.

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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.

To scan privacy codes:

1. While in **Standby** mode, press the **Scan** button twice (CTCSS) or three times (DCS) until the CTCSS or DCS icon and numbers are flashing.
2. 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 6 seconds after the last incoming transmission.

NOAA* All Hazards Radio Channels

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

To listen to All Hazards Radio channels:

1. Press the **Weather** button once, 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 the **Talk** button.

*National Oceanographic and Atmospheric Administration

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Weather (WX) Alert Mode

Turning On the Weather Alert function will allow your radio to automatically receive NOAA weather signals and warnings from designated weather 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.

To turn Weather Alert On or Off:

1. Press the **Weather** button to enter the **All Hazards (Weather)** radio mode.
2. Press the **Weather** button again and the Weather Alert icon flashes on the display. The current **On** or **Off** setting is displayed.
3. Press the **Channel Up** and **Channel Down** button to turn Weather Alert **On** or **Off**.
4. Press the **Weather** button again to save the new setting.

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General Specifications

Frequency Allocation

A = Channel No. for 22 Channel Models
B = Frequency in MHz
C = Power Output

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

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IMPORTANT NOTICE:

WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

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.

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 two (2) inches from your face and speak in a normal voice, with the antenna pointed up and away.

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.

IC RSS-GEN
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.
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.

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Radiation Exposure Statement:
Under ISEDC regulations, this radio transmitter may only operate using the antenna that is affixed to the radio transmitter. Use only the supplied antenna. Unauthorized antennas, modifications, or attachments could damage the transmitter and may void the user's authority to operate the radio.

Any changes of modifications not expressly approved by the party responsible for compliance could void the user's ability to operate the equipment.

SAR tests are conducted using standard operating positions accepted by the FCC/ISEDC with the device transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value.

This device has been tested and certified to not exceed the exposure limit established by the FCC/ISEDC. Tests for each device are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC/ISEDC.

For body worn operation, this device has been tested and meets the FCC/ISEDC RF exposure guidelines when used with an accessory designated for this product or when used with an accessory that contains no metal and that positions the handset a minimum of 10mm from the body. Non-compliance with the above restrictions may result in a violation of RF exposure guidelines.

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Limited One-Year Warranty

Cobra warrants your product against all defects in materials and workmanship for a period of one (1) year from the date of original purchase.

Cobra, at our sole discretion, will repair or replace your product (with the same or comparable product) free of charge.

Cobra will not pay shipping charges that you incur for sending your product to us. Products received COD will be refused.

To make a warranty claim, we will require proof or purchase in the form of an invoice or receipt. No proof of purchase is required for factory direct purchases.

Warranty Exclusions: Warranty does not apply to your product under any of the following conditions: 1. The serial number has been removed or modified. 2. Your product has been subjected to misuse or damage (including water damage, physical abuse, and/or improper installation). 3. Your product has been modified in any way. 4. Your receipt or proof-of-purchase is from a non-authorized dealer or internet auction site including E-bay, U-bid, or other non-authorized resellers.

LIMITATION OF WARRANTY: EXCEPT AS EXPRESSLY PROVIDED HEREIN, YOU ARE ACQUIRING THE PRODUCT "AS IS" AND "WHERE IS", WITHOUT REPRESENTATION OR WARRANTY. COBRA SPECIFICALLY DISCLAIMS ANY REPRESENTATION OR WARRANTY INCLUDING, BUT NOT LIMITED TO THOSE CONCERNING THE MERCHANTABILITY AND SUITABILITY OF THE PRODUCT FOR A PARTICULAR PURPOSE, COBRA SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INCIDENTAL DAMAGES INCLUDING, WITHOUT LIMITATION, DAMAGES ARISING OUT OF THE USE, MISUSE OR MOUNTING OF THE PRODUCT.

The above limitations or exclusions shall be limited to the extent they violate the laws of any particular state. Cobra is not responsible for products lost in shipment between the owner and our service center.

General Warranty Information

Each product we manufacture is covered by our factory warranty. While each product may have unique components and policy, the general guideline below will apply to most Cobra products.

All Cobra products purchased factory-direct or from our Authorized Resellers will come with a full one to three (1-3) year warranty from the date of the original retail purchase (see policy statement above for full warranty details and exclusions).

Standard accessories packaged with each model will have a one-year factory warranty.

Accessory items have a one-year factory warranty.

Shipping to our facility is not covered in our warranty. Return shipping is included within the US.

This warranty is non-transferable.

For the sake of clarity, 'repair or replace the Product or its defective part' does not include removal or installation work, costs or expenses which include but are not limited to labor costs or expenses.

Cobra will not be responsible for lost packages.

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For Products Purchased Outside the U.S.A.

Please contact your authorized local reseller or agent for warranty information.

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