



Before operating the radio, please read all safety and operating instructions. Save all instructions in a safe place for future reference.

WARNING: Important Safety Instructions

- Only accessories included in this package or specified by the manufacturer should be used with the radio. The 5V micro-USB charging input is compatible with most high quality micro-USB chargers that fully conform to the USB standards.
- Do not use cleaners or solvents to clean the exterior of the radio. Use only a damp or dry cloth.
- Do not expose this product to splashing or dripping water.
- Do not attempt to service the receiver yourself. Removing the cover will void the warranty. Changes or modifications not expressly approved by Cobra may void the user's authority granted by the FCC to operate this device and should not be made.
- Do not plug the wall adaptor into the power outlet if the outlet is wet.
- Do not use any portable radio that has a damaged antenna. If a damaged antenna comes into contact with your skin, a minor burn can result.

WARNING: Important Safety Instructions for Battery

Read All Instructions

- Do not incinerate the battery even if it is severely damaged or is completely worn out.
- Do not discard battery in a fire. The battery can explode in a fire.
- Do not replace battery in any area labeled "Hazardous Atmosphere". Any sparks created in a potentially explosive atmosphere can cause an explosion or fire.
- Do not disassemble, crush, puncture, shred, or otherwise attempt to change the form of your battery.
- Do not dry a wet or damp battery with an appliance or heat source, such as a hair dryer or microwave oven.
- 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.

Recycle Battery

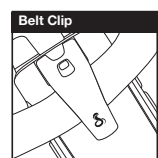
Local, state or federal laws may prohibit disposal of batteries in ordinary trash. Consult your local waste authority for information regarding available recycling and/or disposal options.

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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.



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

For any questions about operating this new Cobra branded product, PLEASE CONTACT US FIRST...do not return this product to the retail store. The contact information for support will vary depending on the country in which you purchased and utilize the product.

To obtain warranty service or other information for products purchased from Altis itself or through its authorized reseller or agent and utilized in the U.S.A., please call our consumer support line at (866) 721-3805, or email us at support@altistec.com. You will receive instructions on how to ship the products at your expense to an Altis Global Limited Authorized Service Center. To obtain service, you must include: (a) a copy of your receipt, bill of sale or other comparable proof of purchase; (b) a written description of the problem; and, most importantly; (c) your address and telephone number.

For warranty and customer service information outside the US, please contact your local dealer.

For further information needed on its features, please visit www.cobrawalkietalkie.com for frequently asked questions and the electronic manual.

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www.cobrawalkietalkie.com

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Customer Assistance
Operational Cautions

Exposure to high volume sound levels may cause temporary or permanent damage to your hearing. Although there is no single volume setting that is appropriate for everyone, you should always use your radio with the volume set at low level and avoid prolonged exposure to high volume sound levels.

- Set the volume control in a low position and use as low a volume as possible.
- Avoid turning up the volume to block out noisy surroundings. Whenever possible, use your radio in a quiet environment with low background noise.
- Limit the amount of time you use headsets or earpiece at high volume levels.
- When using the radio without a headset or earpiece, do not place the radio's speaker directly against your ear.
- Observe all signs and instructions that require an electrical device or RF radio product to be switched off in designated areas, such as gas/refueling stations, hospitals, blasting areas, potentially explosive atmospheres, or aircraft.
- If you experience a skin irritation after using this product, discontinue use and seek medical attention.
- If the product or charger: overheats; has a damaged cord or plug; has been dropped or damaged; has been dropped into water, disconnect any charger from its power supply, discontinue use of the product.

Electromagnetic Interference

Nearly every electronic device is susceptible to electromagnetic interference (EM) if inadequately shielded, designed, or otherwise configured for electromagnetic compatibility. Turn off your radio in any facility where posted notices instruct you to do so. These facilities may include hospitals or health care facilities that may be using equipment that is sensitive to external RF energy.

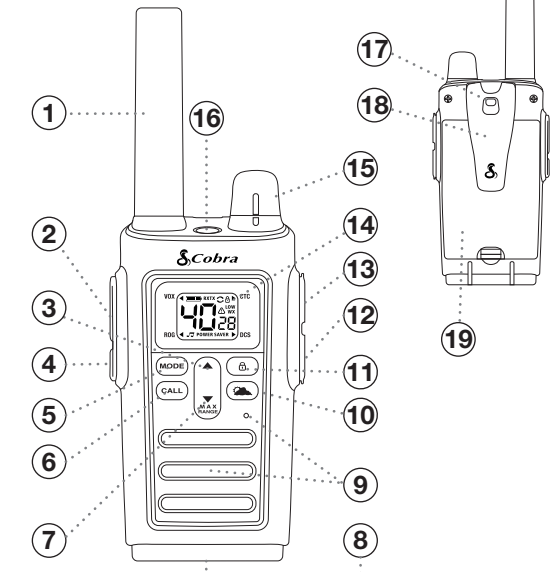
When instructed to do so, turn off your radios when on board an aircraft. Any use of a RF device must be in accordance with applicable laws, regulations and airline crew instructions.

Some radios may interfere with some hearing aids. In the event of such interference, you may want to consult your hearing aid manufacturer or physician to discuss alternatives.

If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from RF energy. Your doctor or physician may be able to assist you in obtaining this information.

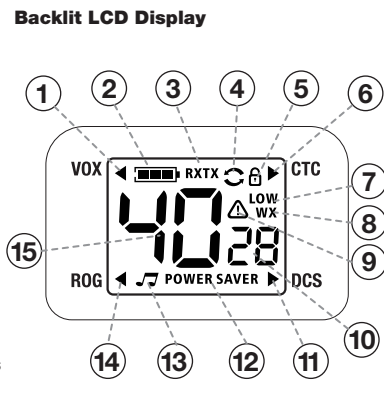
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Introduction
Product Features



- Antenna
- Push-to-Talk Button
- Up/Hi/LOW Button
- Flashlight Button
- Mode Button
- Call Button
- Down/Max-Range Button
- LED/S.O.S Flashlight
- Speaker/Microphone
- Weather Button
- Lock Button
- USB Charge Jack
- External Speaker/Microphone Jack
- Backlit LCD Display
- ON/OFF/Volume Knob
- Emergency Alert Button
- Wrist Strap Connection
- Belt Clip
- Battery Compartment Door

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- VOX Icon
- Battery Level Indicator
- Receive/Transmit Icon
- Scan Icon
- Lock Icon
- CTCSS Icons
- Low Power Icon
- Weather Icon
- Weather Alert Icon
- DCS/CTCSS Privacy Code Numbers
- DCS Icons
- Power Saver Icon
- Key Tone Icon
- Roger Beep Indicator
- Channel Numbers

Maximum range may vary and is based on unobstructed line-of-sight communication under ideal conditions.

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Features

- 40 Channels
- 10 Channel Weather Radio
- Weather Alert
- 121 Privacy Codes (38 CTCSS codes/ 83 DCS codes)
- Hands-Free Operation (VOX)
- Scan Channels, privacy codes
- Backlit LCD Display
- LED/S.O.S Flashlight
- Call Alert
- Ten selectable tones
- Button Lock
- Speaker/Microphone/Charge Jack
- Roger Beep
- Selectable On/Off
- Battery/Power Saver
- Keystroke Tones
- Battery Level Indicator
- Low Battery Audible Alert
- Auto Squelch
- Maximum Range Extender
- Belt Clip
- Emergency Call

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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. Never put the radio in water or in a damp place. Avoid exposure to extreme temperatures.

Installing Batteries (Battery already pre-installed)

To install or replace batteries:
1. Remove belt clip by releasing belt clip latch and sliding clip up.
2. Pull up on the battery door latch to remove the battery compartment cover.

3. Insert the supplied three AA rechargeable batteries or non-rechargeable alkaline batteries. Position batteries according to polarity markings.
4. Replace battery compartment cover and belt clip.



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Operation
Using Your Radio

To charge batteries in radio:
1. Check to see that the batteries have been inserted properly.
2. Insert the cable into the charge jack located at the right side of the radio.
3. Plug the cable into USB-compatible power port.
4. The radio will display flashing battery icon while charging.

Only use the supplied rechargeable batteries and desktop charger (not included) for recharging your Cobra microTALK® radio. Please charge new batteries for 14 hours for first time of use.
Note: Cobra recommends your radio is turned off while being charged.

Quick Start
1. Turn ON/OFF/Volume Knob clockwise to turn the radio on and counter clockwise to turn the radio off.
2. Select a desired channel. (Details please refer P.8)
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.

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Turning your Radio On and Off

Turn ON/OFF Knob clockwise to turn the radio on and counterclockwise to turn the radio off.

ON/OFF Knob
1. In the ON position, the radio chirps and briefly shows all feature icons available on the radio.
2. The display screen then shows the current channel, code and all features that are enabled.

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 recharged. It normally takes about 14 hours to fully charge batteries.

The radio will display flashing battery icon while charging if the radio is on.

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.

Both radios must be tuned to the same channel/privacy code to communicate.

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Listening for a Response

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

To Adjust Volume

Volume Knob
Press and hold MAX-RANGE Button for three seconds to turn off the auto squelch, then rotating Volume Knob until you reach a comfortable listening level.

- Rotate Volume Knob clockwise to increase the volume.
- Rotate Volume Knob counterclockwise to decrease the volume.
- Press and hold MAX-RANGE Button to enable the auto squelch.

Do not hold the radio close to your ear. If the volume is set to an uncomfortable level, it could hurt your ear.

Call Button

Call Button
Press and release the Call button to alert others that you are calling. The other person will hear a two second call tone. This tone is used only to establish voice communications.

See page 14 on how to select between ten call tone settings.

LED/S.O.S. Flashlight

LED/S.O.S. Flashlight
Press and release the LED/S.O.S 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/S.O.S 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 shut off weak transmissions and unwanted noise due to terrain, conditions or if you've reached your Maximum Range limit.

You can turn off auto squelch (or turn on maximum range extender), allowing all signals to be received and extending the maximum range of your radio.

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MAX-RANGE Button
To turn maximum range extender on (Turn off auto squelch):
- Press and hold the MAX-RANGE button for at least three seconds until you hear background noise which indicates the maximum range extender is on.
To turn maximum range extender off (Turn on auto squelch):
- Press and hold the MAX-RANGE button.

Lock Function

Lock Button
The Lock function locks the Up, Weather and Mode buttons to prevent accidental operation.

To turn the lock on or off:
- Press and hold the Lock button for two seconds.

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

On Channels 8 through 14, 34 through 37, your radio automatically switches to low power, which will limit the range the radio can communicate.

Remember, you can achieve maximum range by using maximum range extender. See page 6 for details.

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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:

- Channel Selection
- Set CTCSS Privacy Codes
- Set DCS Privacy Codes
- Set Vox On/Off
- Set Vox Sensitivity
- Set Channel Scan
- Set Call Tones 1-10
- Set Roger Beep On/Off
- Set Key Tones On/Off

Channel Selection

The radio has 40 channels, Channel 1 to 22 are compatible with other brands of Two-Way radios.

- Briefly press and release Mode button, the channel number flashes.
- Press Up or Down button to select a channel. (You can hold the Up or Down button for fast advance)
- When the desired channel is displayed, choose one of the following:
 - Press the Mode button to enter the new setting and proceed to other functions.
 - Press the Talk or Call button to enter the new setting and return to Standby mode.
 - Do not press any buttons for 6 seconds to enter the new setting and return to Standby mode.

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

See page 18 for frequency allocations charts.

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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 channels (CH1-CH22), 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.

Set CTCSS Privacy Codes

To select a CTCSS privacy code:
1. After selecting a channel (only be available on channel 1-22), press the Mode button until the CTCSS Indicator appears and the small numbers next to the channel number flash 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 Up or 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 Up or 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, choose one of the following:

- Press the Mode button to enter the new setting and proceed to other functions.
- Press the Talk or Call button to enter the new setting and return to Standby mode.
- Do not press any buttons for 6 seconds to enter the new setting and return to Standby mode.

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Set DCS Privacy Codes

To select a DCS privacy code:
1. After selecting a channel (only be available on channel 1-22), press the Mode button until the DCS indicator appears and the small numbers flash 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 Up or 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 Up or Down button to select a DCS privacy code. You can hold the Up or Down button for fast advance.

3. When your desired DCS privacy code is displayed, choose one of the following:

- Press the Mode button to enter the new setting and proceed to other functions.
- Press the Talk or Call button to enter the new setting and return to Standby mode.
- Do not press any buttons for 6 seconds to enter the new setting and return to Standby mode.

Mode Functions (continued on back side)

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