

Cobra

Owner's Manual



Nothing Comes Close to a Cobra®





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



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 the Talk, Call or Mode/Power buttons are pressed.

Battery Status Indicator



The battery charge status is shown on the display. Four bars indicates fully charged.



Secure your microTALK® radio while on Belt Clip

the ao. 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 9 🔼

Introduction

Making Life Easier and Safer

Staying in touch with your family and friends is

meeting spots with others while shopping at the mall.

Some of the many uses you will discover include:

convenient and easy when using your microTALK® radio.

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

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

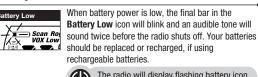
To obtain warranty service or other information for products purchased from Alts itself or through its authorized reseller or agent and utilized in the U.S.A., please call our consumer support line at (866) 721-3805, or email us at support@altistec.com. You will receive instructions on how to ship the 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.

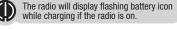
For warranty and customer service information outside the US, please contact your local dealer.

For further information needed on its features, please visit www.cobrawalkietalkie.com for frequently asked questions and the ©2017 Altis Global Limited Berkeley Lake, GA US 30071 www.cobrawalkietalkie.com A-1 electronic manual.

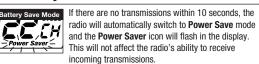
Battery Low

Printed in China KEM-ML39900-21





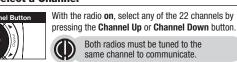
Auto Battery Save



Communicating with Another Person

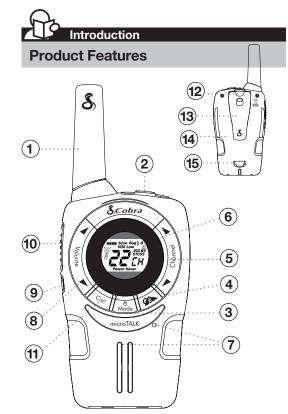


To Select a Channel





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1. Antenna

- 2. External Speaker/ Microphone/Charge Jack
- 3. Mode/Power Button
- 4. Weather/Lock Button
- 5. Channel Up/Down Buttons
- Backlit LCD Display 7. Speaker/Microphone

Listening for a Response

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



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

Press the Volume Up or Volume

Down button

Call Button



To Illuminate Display

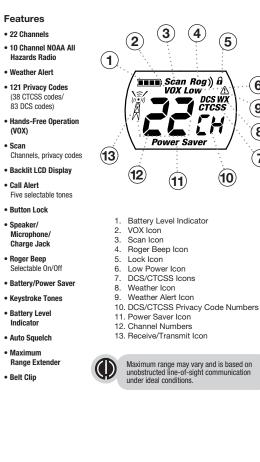
lax Range Press and release the Light/Max Range button to illuminate the display.

five call tone settings

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 vour Maximum Range limit.

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



Backlit LCD Display



To temporarily turn off auto squelch: Press the Light/Max Range button for

less than five seconds To turn maximum range extender on:

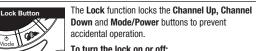
- Press and hold the Light/Max Range button for at least five seconds until you hear two beeps which indicates the maximum range extender is on.

To turn maximum range extender off:

- Press and release the Light/Max Range button or change channels.

Lock Function

Lock Icon



To turn the lock on or off:

Press and hold the Lock button for two seconds.

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

microTALK[®] Range

Reduced Range

Your range will vary depending on terrain and conditions.



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 FRS Channels 8 through 14, 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 4 for details.



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8. Volume Up/Down Buttons

Light/Max Range Button

10 Talk Button

11. Call Button

13. Belt Clip

15. Battery Door Latch





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

Remove Belt Clip

Pull Up Lock Lat

ort Ratto

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.
- 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 have been inserted properly.
- 2. Insert the cable into the charge jack located at the top of the radio.
- 3. Plug the cable into USB-compatible power port.

Use only the supplied rechargeable batteries and charger for recharging vour Cobra microTALK® radio.

Cobra recommends your radio is turned off while being charged. Non-rechargeable alkaline batteries can also be used in your radio.

A-3



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:



Set CTCSS Privacy Codes Set DCS Privacy Codes Set Vox On/Off Set Vox Sensitivity Set Channel Scan Set CTCSS Privacy Code Scan Set DCS Privacy Code Scan Set Call Tones Set Roger Beep 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.



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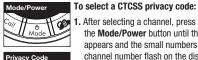




Operation

Mode Functions (continued)

Set CTCSS Privacy Codes



1. After selecting a channel, press the Mode/Power button until the CTCSS icon 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 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, choose one of the following:
- a. Press the Mode/Power button to enter the new setting and proceed to other functions.
- b. Press the Lock button to return to Standby mode.
- c. Do not press any buttons for 15 seconds to return to Standby mode.

Five Call Tone Settings

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



L () i

Call Tone Set

To change a call tone setting:

1. Press the Mode/Power button until the letter "C" and the current call tone number (01 through 05) is displayed. The current call tone will sound for one second

2. Press the Channel Up or Channel Down button to hear the other call tone settings 3. Choose one of the following:



b. Press the Lock button to return to Standby mode

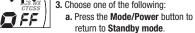
Roger Beep Confirmation Tone

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.



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.

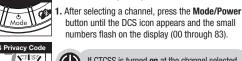
2. Press the Channel Up or Channel Down button to select roger beep on or off. OX CILLS ON 3. Choose one of the following:



b. Press the Lock button to return to Standby mode

Set DCS Privacy Codes

To select a DCS privacy code:



If CTCSS is turned on at the channel selected, (D)-283: 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.

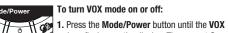
- 2. Press using the Channel Up or Channel Down button to select a DCS privacy code. You can hold the Up or Down button for fast advance.
- 3. When DCS privacy code is displayed, choose one of the following: a. Press the Mode/Power button to enter the new setting and proceed to other functions.
- b.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

setting is displayed.

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 the Lock button to return to Standby

To set VOX sensitivity:

mode

I. Press the Mode/Power button until the VOX icon 08 flashes and the current sensitivity level is displayed.

icon flashes on the display. The current On or Off

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.



Rog h

DCS W

L-05:

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 selected setting and proceed to other functions.

b. Press the Lock button to return to Standby mode

q

Operation **General Specifications**

FRS Frequency Allocation

A = Channel No. for 22 Channel FRS Mode B = Frequency in MHz

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

IMPORTANT NOTICE: WARNING

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Any Changes or modifications 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.

SAR tests are conducted using standard operating positions accepted by the FCC with the device transmitting at its highest certified power level in all tested frequency hands, 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. Before a new model is a available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC. Tests or each product are performed in positions and locations as required by FCC. 14

Channel Scan

Your microTALK® radio can automatically scan channels.

To scan channels de/Power

1 Press the Mode/Power button until the 0 Scan icon and the channel numbers appear on the display

can Channels 2. Press the Channel Up or Channel Down button to VOX L begin scanning channels.

The radio ignores specific privacy



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

codes while scanning channel

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 the Lock button to return to Standby.

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/ privacy code. Your radio will remain on that channel/privacy code and return to Standby mode.
- b. Press the Channel Up or Channel Down button to resume scanning privacy codes. If you do not press any button within 10 seconds, your radio will automatically resume scanning privacy codes
- c. Press the Lock button to return to Standby.
- For body worn operation, this device has been tested and meets the FCC RF exposure guidelines when used with an accessory designated for this product or when used with an accessory that Contains no metal
- To maintain compliance with the FCC's RF exposure guidelines, hold the transmitter and antenna at least 1 inch (2.5 centimeters) from your face and speak in a normal voice, with the antenna pointed up and away from the face.
- This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. In order to comply with the FCC RF exposure requirements, the antenna installation must comply with following-

Users must be fully aware of the hazards of the exposure and able to exercise control over their RF exposure to qualify for the higher exposure limits.

Your wireless hand-held portable transceiver contains a low power transmitter. This product sends out radio frequency (RF) signals when the Push-to-Talk (PTT) button is pressed.

The device is authorized to operate at a duty factor not to exceed 50%

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 quarantee that interference will not occur in a particular installation. If nowever, there is no goal anised that interference with not occur in a particular instantation. This equipment does cause harmful interference to radio or television reception, which can 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. tion, which can be

• 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

• Consult the dealer or an experienced radio/TV technician for help.



Limited One-Year Warranty

Altis Global Limited warrants to the original consumer purchaser only that this product and the component parts thereof, will be free from defects in workmanship and materials for a period composite parts due to the date of first consumer purchase. During this period. Altis will, repair or replace, at its sole option and discretion, this product or any defective parts. Altis' liability hereunder shall be limited to repair or replacement of the defective part or parts, and such correction shall constitute a fulfillment of all of Altis' warranties hereunder.

This limited warranty is only valid for the original consumer purchaser in limited jurisdictions and is not transferrable. This limited warranty will automatically terminate prior to expiration it this product is sold or otherwise transferred to another party. The product must be purchased from Altis or an authorized dealer or the warranty is void. This limited warranty is valid only for products purchased and utilized in specific jurisdictions.



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channels transmitting in your area.

NOAA* All Hazards Radio Channels

button to change All Hazards Radio channels. 3. The All Hazards Radio icon will continue to be displayed when All Hazards Radio is on.

1. Press the Weather button until the All Hazards

I. To exit All Hazards Radio, press and hold the Weather button

You can use your microTALK® radio to listen to NOAA All Hazards Radio

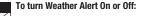
To listen to All Hazards Radio channels:

National Oceanographic and Atmospheric Administration

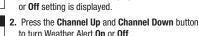
Weather (WX) Alert Mode

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.











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.

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To scan privacy codes:

- 1. While in **Standby** mode, press the **Channel Up** or **Channel Down** button to choose the channel on which you wish to scan privacy codes which you wish to scan privacy codes.
 - Press the Mode/Power button until either the CTCSS or the DCS icon appears on the display and the Scan icon and the privacy code numbers flash on the display



10

3. Press the Channel Up or Channel Down button to begin scanning privacy codes within the channel vou selected.

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/ privacy code. Your radio will remain on that channel/privacy code and return to Standby mode.
- b. Press the Channel Up or Channel Down button to resume scanning privacy codes. If you do not press any button within 10 seconds, your radio will automatically resume scanning privacy codes
- c. Press the Lock button to return to Standby

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Please visit our website at www.cobrawalkietalkie.com for a list of jurisdictions wherein this imited warranty is valid.

This limited warranty does not cover damage due to misuse, abuse, negligence, acts of God, accident, commercial use or modification of, or to any part of this product. This warranty does not cover damage due to improper operation, maintenance or installation; ordinary wear and tear; or attempted alterations or repairs by anyone other than Altis or someone authorized by Aftis to do warranty work. Any unauthorized alterations or repairs will void it is warranty. This limited warranty does not cover product sold AS IS or WITH ALL FAULTS. This limited warranty dides not cover product sold AS IS or WITH ALL FAULTS. This limited warranty is invalid if the factory applied serial number or date stamp has been altered, defaced or removed from this product. This limited warranty does not cover product purchased or utilized in a jurisdiction not covered.

The procedure for obtaining service and support, and the applicability of this warranty, will vary depending on the country or juristiction in which you purchase and utilize the product. For details on obtaining product service, support and other warranty information please visit www.cobrawalkietalkie.com.

This warranty gives you specific legal rights, and you may also have other rights which yary

Inis warranty gives you specific legal rights, and you may also have other rights which vary from state to state and country to country. EXCEPT AS EXPRESSLY SET FORTH IN THIS WARRANTY, ALTIS MAKES NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. ALTIS EXPRESSLY DISCLAIMS ALL WARRANTIES NOT STATED IN THIS LIMITED WARRANTY, ANY IMPLIED WARRANTIES THAT MAY BE IMPOSED BY LAW ARE LIMITED TO THE TERMS OF THIS EXPRESSED WARRANTY.

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Some states and countries do not allow limitations on how long an implied warranty lasts and do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to you. This warranty gives you specific legal rights, and you may also

have other rights which vary from state to state and country to country. Provided that the product was purchased from Altis itself or through its authorized reseller or agent and utilized in the U.S.A., Altis will, without charge, repair or replace, at its option, defective products, products or component parts upon delivery to the authorized Altis Global Limited Authorized Service Center, accompanied by proof of the date of first customer 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, to an address in the U.S.A, will be at Altis' expense, if the product is under

For Products Purchased Outside the U.S.A.

Please contact your authorized local reseller or agent for warranty information Trademark Acknowledgment

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