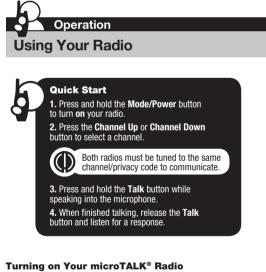
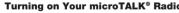


Owner's Manual

TWO-WAY RADIO MODEL **ACXT345**

Nothing Comes Close to a Cobra®







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.

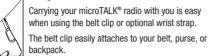


Making Life Easier and Safer

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 Belt Clip the ao.



67 **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.

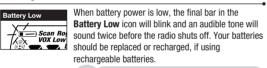
To obtain warranty service or other information for products purchased from Altis itself or through its authorized reseller or agent and utilized in the U.S.A. nlease call our consumer support line at (866) 721-3805 or email us at support@altistec.com You will receive instructions on how to ship the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

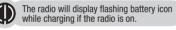
For warranty and customer service information outside the US, please contact vour local dealer.

For further information needed on its features, please visit ©2018 Altis Global Limited www.cobrawalkietalkie.com for frequently Atlanta, GA USA asked questions and the electronic manual www.cobrawalkietalkie.cor Δ-1

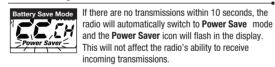
Battery Low

Printed in China Part No. KEM-ML38305-12B

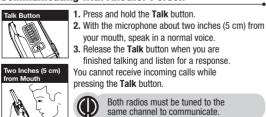




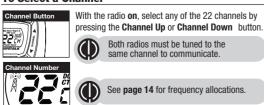
Auto Battery Save

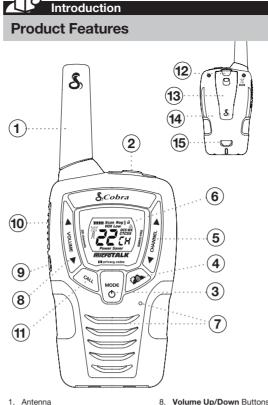


Communicating with Another Person



To Select a Channel





9. Light/Max Range Button

12. Wrist Strap Connection

14. Battery Compartment

15. Battery Door Latch

10 Talk Button

11. Call Button

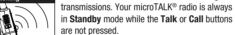
13. Belt Clip

1. Antenna 2. External Speaker/

- Microphone/Charge Jack
- Mode/Power Button
- Weather/Lock Button Channel Un/Down Buttons
- Backlit LCD Display
- 7. Speaker/Microphone

Listening for a Response

Release the Talk button to receive incoming



To Adjust Volume

Press the Volume Up or Volume Volume Button

Down button





2

Call Button



See page 11 on how to select between five call tone settings.

The other person will hear a three second call

To Illuminate Display

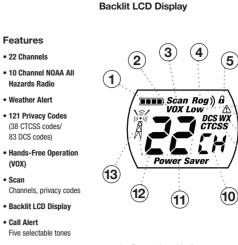
Light/Max Range Press and release the Light/Max Range button to illuminate the display



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 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.



- 1 Battery Level Indicator 2 VOX Icon
- 3 Scan Icon 4. Roger Beep Icon
- 5. Lock Icon Selectable On/Off
 - 6. Low Power Icon
- Battery/Power Save Keystroke Tones
- Battery Level Indicator

Features

• 22 Channels

Hazards Radio

Weather Aler

(38 CTCSS codes/

83 DCS codes)

(VOX)

Scan

Call Alert

Button Lock

Charge Jack

Roger Beep

Speaker/Microphone

- Auto Squelch
 - 10. DCS/CTCSS Privacy Code Numbers 11 Power Saver Icon

7. DCS/CTCSS Icons

9. Weather Alert Icon

12. Channel Numbers

13 Receive/Transmit Icon

8. Weather Icon

- Maximum Range
- Extender • Belt Clip

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



A-2

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:

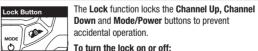
- Press and release the Light/Max Range button or change channels

Lock Function

Lock Icon

Reduced Bange

4

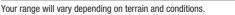


To turn the lock on or off: Press and hold the Lock button for

two seconds.

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

microTALK® Range



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

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

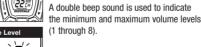
Dense foliage and hilly terrain will further reduce the range of the radio.

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



Remember, vou can achieve maximum range by using maximum range extender. See page 4 for details.

2



Volume Level



communications

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



(5)





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 your Cobra microTALK® radio

Cobra recommends your radio is turned off while being charged. It normally takes about 15 hours to fully change the batteries. Non-rechargeable alkaline batteries can also be used in your radio.



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

A-3

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.



Set CTCSS Privacy Codes

Mode/Power To select a CTCSS privacy code:



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

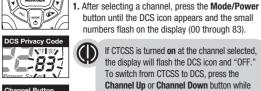
will then be able to proceed to step 2.

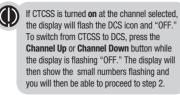
2. Press using the Channel Up or Channel Down button to select a privacy code. You can hold the Up or Down button for fast advance.

- 3. When your desired CTCSS privacy code isdisplayed, 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.

Set DCS Privacy Codes

To select a DCS privacy code:





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.

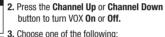
Voice Activated Transmit (VOX)

In VOX mode. vour 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.

To turn VOX mode on or off: Mode/Power



1. Press the Mode/Power button until the VOX icon flashes on the display. The current On or Off setting is displayed.



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.

7

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 To listen to All Hazards Radio channels:

1. Press the Weather/Lock button once until the All Hazards Radio icon and the currently selected $| \circ | \ge$ 1

X Low

Channel Button

67755

🐳 WX 🎽

All Hazards Radio channel are displayed Hazards Badio Icon 2 Use the Channel Un 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.

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

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.



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

Make sure the strongest

To turn Weather Alert On or Off: 00 012

nnel Button

1. Press the Weather/Lock button twice until the Weather Alert icon flashes on the display. The current **On** or **Off** setting is displayed.

2 Press the Channel IIn 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.

12

Operation

General Specifications

Frequency Allocation

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

C = Power Output

-	_	-
Α	В	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

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.

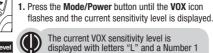
However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

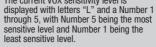
Reorient or relocate the receiving antenna.

Increase the separation between the equinment 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.

To set VOX sensitivity:





wer Sr 2. Press the Channel Up or Channel Down Channel Button button to change the setting.

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.

Channel Scan

DCS WA

L-05-

itivity Level

Your microTALK® radio can automatically scan channels. To scan channels:



Scan Channels

Scan

1. Press the Mode/Power 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 scapping the

ec's Pc er C er



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

The Scan icon will continue to be displayed when

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.

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 (ECC) 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 nointed 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 ISEDC 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. Under ISEDC regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by ISEDC. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent sotropically radiated power (e.i.r.p.) is not more than that necessary for successful com The applicant is responsible for providing proper instructions to the user of the radio device, and any The applicant is responsible to professional proper instructions to use of the function before the user manual shall provide installation usage restrictions, including limits of exposure durations. The user manual shall provide installation and operation instructions, as well as any special usage conditions, to ensure compliance with SAR and/or RF field strength limits. For instance, compliance distance shall be clearly stated in the user manual

Radiation Exposure Statement:

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

For Remote controller. SAR tests are conducted using standard operating positions accepted by the FC/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 in the actual SAR level of the device while operating can be well below the maximum value.

efore a new model device is 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/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 model device has been tested and meets the ECC/ISEDC BE 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 10 mm from the body. Non-compliance with the above restrictions may result in violation of RF exposure guidelines.



13

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 sired 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

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.

flash on the display

channel vou selected.

During scanning (while receiving an incoming transmission),

b. Press the Channel Up or Channel Down button to

c. Press the Lock button to return to Standby

a. Press and hold the Talk button to communicate on that channel/

privacy code. Your radio will remain on that channel/privacy code

resume scanning privacy codes. If you do not press any button

within 10 seconds, your radio will automatically resume scanning

Press the Mode/Power button until either the

CTCSS or the DCS icon appears on the display

3. Press the Channel Up or Channel Down button

to begin scanning privacy codes within the

and the Scan icon and the privacy code numbers

lect Channel 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.

10

Scan Privacy Codes

Scan Rog)

1 - 831

you can choose from the following:

and return to Standby mode.

Limited One-Year Warranty

purchased or utilized in a jurisdiction not covered.

limited warranty is valid.

www.cobrawalkietalkie.com

EXPRESSED WARRANTY

from state to state and country to country.

such correction shall constitute a fulfillment of all of Altis' warranties hereunde

and is not transferrable. This limited warranty will automatically terminate prior to

EXCEPT AS EXPRESSLY SET FORTH IN THIS WARRANTY, AI TIS MAKES NO OTHER

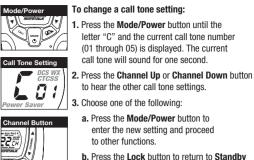
WARRANTIES EXPRESSED OR IMPLIED INCLUDING ANY IMPLIED WARRANTIES OF

privacy codes

9

Five Call Tone Settings

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



b. Press the Lock button to return to Standby

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.

Roger Beep Off Sc Hoy " 🇊 F F .

Mode/Power 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.
- Choose one of the following: a. Press the Mode/Power button to return to Standby mode.
- b. Press the Lock button to return to Standby mode

10



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 of one year from 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' iability hereunder shall be limited to repair or replacement of the defective part or parts, and

This limited warranty is only valid for the original consumer purchaser in limited jurisdictions

expiration if 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. Please visit our website at www.cobrawalkietalkie.com for a list of jurisdictions wherein this

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 Altis to do warranty work Any unauthorized alterations or repairs will void this warranty. This limited warranty does 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

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

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

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Provided that the product was purchased from Altis itself or through its authorized reseller or agent and utilized in the LLSA 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 warranty.

For Products Purchased Outside the U.S.A.

Please contact your authorized local reseller or agent for warranty information

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