

TWO-WAY RADIO MODEL ACXT360

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English

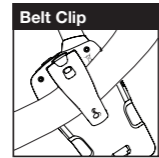
Nothing Comes Close to a Cobra™

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

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.

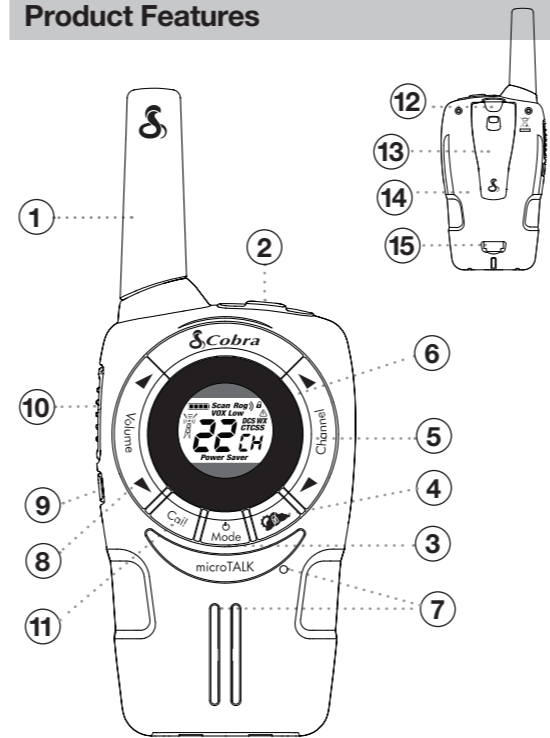
For further information needed on its features, please visit www.cobrawalkietalkie.com for frequently asked questions and the electronic manual.

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www.cobrawalkietalkie.com

A-1

Introduction

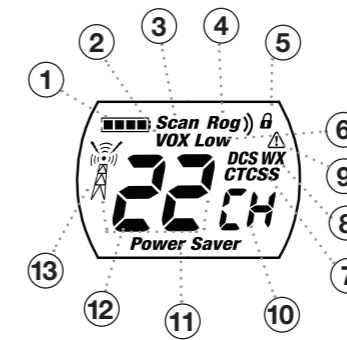
Product Features



1. Antenna
2. External Speaker/Microphone/Charge Jack
3. Mode/Power Button
4. Weather/Lock Button
5. Channel Up/Down Buttons
6. Backlit LCD Display
7. Speaker/Microphone
8. Volume Up/Down Buttons
9. Light/Max Range Button
10. Talk Button
11. Call Button
12. Wrist Strap Connection
13. Belt Clip
14. Battery Compartment
15. Battery Door Latch

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Backlit LCD Display



Features

- 22 Channels
- 10 Channel NOAA All Hazards Radio
- Weather Alert
- 121 Privacy Codes (38 CTCSS codes/ 83 DCS codes)
- Hands-Free Operation (VOX)
- Scan Channels, privacy codes
- Backlit LCD Display
- Call Alert Five selectable tones
- Button Lock
- Speaker/Microphone/Charge Jack
- Roger Beep Selectable On/Off
- Battery/Power Saver
- Keystroke Tones
- Battery Level Indicator
- Auto Squelch
- Maximum Range Extender
- Belt Clip

1. Battery Level Indicator
2. VOX Icon
3. Scan Icon
4. Roger Beep Icon
5. Lock Icon
6. Low Power Icon
7. DCS/CTCSS Icons
8. Weather Icon
9. Weather Alert Icon
10. DCS/CTCSS Privacy Code Numbers
11. Power Saver Icon
12. Channel Numbers
13. Receive/Transmit Icon



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

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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



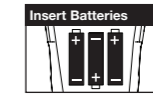
Remove Belt Clip

1. Remove belt clip by releasing belt clip latch and sliding clip up.



Pull Up Lock Latch

2. Pull up on the battery door latch to remove the battery compartment cover.



Insert Batteries

3. Insert the supplied three AA rechargeable batteries or non-rechargeable alkaline batteries. Position batteries according to polarity markings.



Replace Battery Compartment Cover and Belt Clip

4. Replace battery compartment cover and belt clip.



Radio Charger Jack

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. Non-rechargeable alkaline batteries can also be used in your radio.

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.

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Operation

Using Your Radio

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

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.

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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 or recharged, if using rechargeable batteries.

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

Auto Battery Save

If there are no transmissions within 10 seconds, the radio will automatically switch to **Power 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

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

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

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

Channel Number

See page 13 for frequency allocations chart.

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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

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

Press and release the **Call** button.

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

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

To Illuminate Display

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

Light/Max Range

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.

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Light/Max Range

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

The **Lock** function locks the **Channel Up**, **Channel Down** and **Mode/Power** buttons to prevent accidental operation.

To turn the lock on or off:

Press and hold the **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

Your range will vary depending on terrain and conditions.

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 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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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

- 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 System) 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.

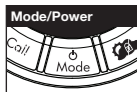
Mode Functions (continued on back side)

6

Operation

Mode Functions (continued)

Set CTCSS Privacy Codes



To select a CTCSS privacy code:

- 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.

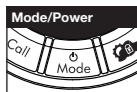


- If DCS is turned on at the channel selected, the display will flash the CTCSS icon and "OFF." To switch from DCS to CTCSS, press the **Channel Up** or **Channel Down** button while the display is flashing "OFF." The display will then show the small numbers flashing and you will then be able to proceed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

- 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.

- When your desired CTCSS privacy code is displayed, choose one of the following:
 - Press the **Mode/Power** button to enter the new setting and proceed to other functions.
 - Press the **Lock** button to return to **Standby** mode.
 - Do not press any buttons for 15 seconds to return to **Standby** mode.

Set DCS Privacy Codes



To select a DCS privacy code:

- After selecting a channel, press the **Mode/Power** button until the DCS icon 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 **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.

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:

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



*National Oceanographic and Atmospheric Administration

Weather (WX) Alert Mode

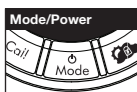
Turning **On** the **Weather Alert** function will allow your radio to automatically receive NOAA Hazard Alert radio signals and warnings from designated NOAA broadcast stations. If the radio is turned ON, it will alert to Weather and other emergency alerts broadcast by NOAA.



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:

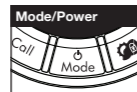
- Press the **Weather/Lock** button until the Weather Alert icon flashes on the display. The current **On** or **Off** setting is displayed.
- Press the **Channel Up** and **Channel Down** button to turn Weather Alert **On** or **Off**.
- Press and hold the **Weather/Lock** button again to save the new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



- 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.
- When DCS privacy code is displayed, choose one of the following:
 - Press the **Mode/Power** button to enter the new setting and proceed to other functions.
 - Press the **Lock** button to return to **Standby** mode.
 - Do not press any buttons for 15 seconds to enter the new settings and to return to **Standby** mode.

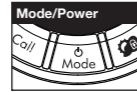
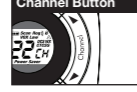
Voice Activated Transmit (VOX)

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.



To turn VOX mode on or off:

- Press the **Mode/Power** button until the **VOX** icon flashes on the display. The current **On** or **Off** setting is displayed.
- Press the **Channel Up** or **Channel Down** button to turn **VOX On** or **Off**.
- Choose one of the following:
 - Press the **Mode/Power** button to enter the new setting and proceed to other functions.
 - Press the **Lock** button to return to **Standby** mode.



To set VOX sensitivity:

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



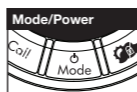
The current VOX sensitivity level is displayed with letters "L" and a Number 1 through 5, with Number 5 being the most sensitive level and Number 1 being the least sensitive level.



- Press the **Channel Up** or **Channel Down** button to change the setting.
 - Press the **Mode/Power** button to enter the selected setting and proceed to other functions.
 - Press the **Lock** button to return to **Standby** mode.

Channel Scan

Your microTALK® radio can automatically scan channels.



To scan channels:

- Press the **Mode/Power** button until the **Scan** icon and the channel numbers appear on the display.
- Press the **Channel Up** or **Channel Down** button to begin scanning channels.



The radio ignores specific privacy codes while scanning channels.

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

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

- Press and hold the **Talk** button to communicate on that channel. Your radio will remain on that channel and return to **Standby** mode.
- Press the **Channel Up** or **Channel Down** button to resume scanning channels.
- Press the **Lock** button to return to **Standby**.

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

- 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.
- 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.
- 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 (FCC) adopted RF exposure guidelines with safety levels for handheld wireless devices

Important

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

Normal Position

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

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 ISED 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 Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

The applicant is responsible for providing proper instructions to the user of the radio device, and any 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 FCC/ISED 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.

Before 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/ISED, 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/ISED.

For body worn operation, this model device has been tested and meets the FCC/ISED 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 10 mm from the body. Non-compliance with the above restrictions may result in violation of RF exposure guidelines.



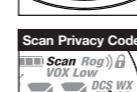
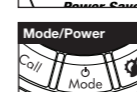
MODEL ACX7360:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: 1) This device may not cause harmful interference, and 2) this device must accept any interference received, including interference that may cause undesired operation.

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

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:

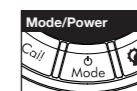
- While in **Standby** mode, press the **Channel Up** or **Channel Down** button to choose the channel on which you wish to scan privacy codes.
- Press the **Mode/Power** button until either the CTCSS or the DCS icon appears on the display and the **Scan** icon and the privacy code numbers flash on the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

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

- 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.
- 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.
- Press the **Lock** button to return to **Standby**.

Five Call Tone Settings

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

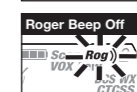
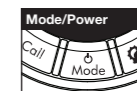


To change a call tone setting:

- 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.
- Press the **Channel Up** or **Channel Down** button to hear the other call tone settings.
- Choose one of the following:
 - Press the **Mode/Power** button to enter the new setting and proceed to other functions.
 - 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:

- Press the **Mode/Power** button until the **Roger Beep** icon flashes. The current **on** or **off** setting is displayed.
- Press the **Channel Up** or **Channel Down** button to select roger beep **on** or **off**.
- Choose one of the following:
 - Press the **Mode/Power** button to return to **Standby** mode.
 - Press the **Lock** button to return to **Standby** mode.

Warranty & Trademark Acknowledgment

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 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' 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 transferable. This limited warranty will automatically terminate prior to 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 limited 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 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 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 jurisdiction 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 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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