



RX100

TWO-WAY RADIO MODEL

Cobra®

microTALK

User's Guide

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.

Call Button

Press one time to alert others that you are calling, this will send a ringtone to the other person.

Talk Button

Press and hold the **Talk** button to communicate with others. The microphone should be placed about 2 inches away from your mouth. When talking, speak in normal voice.

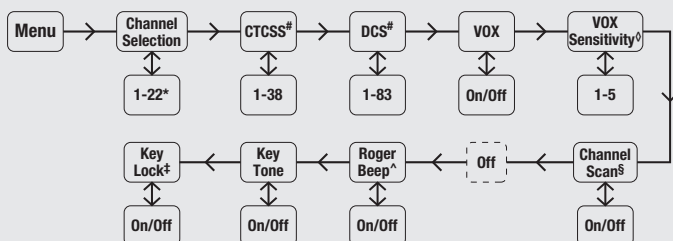
Release the **Talk** button when you finish talking and listen for a response from the other person. You cannot receive at the same time while pressing the **Talk** button.

NOTE: Both radios must be set at the same channel/privacy code to communicate.

Menu/Power Button

Press and hold **Menu** button for 3 seconds to turn the radio on or off.

There are 8 options you may set to your preferences. Each press of the **Menu** button advances you to the next option setting. Press the **+** or **-** buttons to change the setting, you may also press **Talk** button to enter new setting and return to **standby** mode.



* Ch1-22 will be shown on display as the selected channel mode for two seconds once activated.

Your 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) and DCS (Digitally Coded Squelch) provide 38 or 83 privacy codes respectively.

Either system can be used on any channels, but cannot be used on the same channel at the same time.

◇ With level 1 being the least sensitive level.

\$ Press **Call** or **Talk** button to exit channel scanning mode.

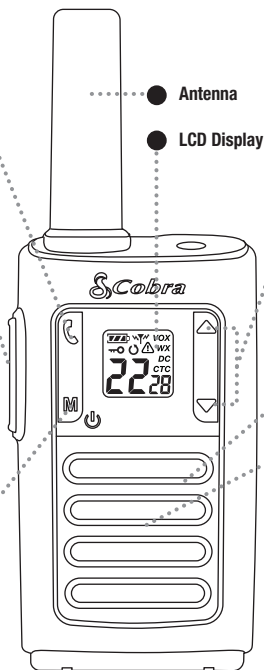
^ The **Roger Beep** confirmation tone alerts the other party that you have finished talking and it is OK for them to speak, after you release the **Talk** button.

‡ Press and hold **Menu/Power** button to turn the keypad lock off.

Installing Batteries

To Install or Replace Batteries:

1. Remove belt clip by pressing on the release tab and sliding belt clip up at the same time.
 2. Pull up on the battery door latch to remove the battery compartment cover.
 3. Insert 3 (AAA) batteries (not included) per radio and position batteries according to polarity markings.
- 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.



Antenna

LCD Display

Volume / Menu options (+) and (-) Buttons

Press the **+** or **-** buttons to increase or decrease the volume. Level 8 is the highest volume.

Press the **Menu** button for going through the menu options, and then press the **+** or **-** buttons to change the setting.

Press and hold **-** button to use the monitor function, it can temporarily turn off auto squelch for allowing all signals (including static noise) to be received and extending the maximum range of your radio.

Press and hold **-** button again to turn the monitor function off.

Built-In Microphone

Built-In Speaker

Battery Level Indicator
Indicates the battery level. The last status bar of the battery low icon will blink when battery power is low.

Lock Icon
Visible when keypad lock turned on.

Channel / Volume Numbers
While in **Standby** mode or when selecting a channel, shows current channel (1 through 22).
When adjusting the volume, shows current level (1 through 8).

Privacy Code Numbers
Code 0 in either code system is not a privacy code as default, that allows all signals to be heard on a channel.

Scan Icon
Visible when in **Scan** mode.

Receive/Transmit Icon
Visible when receiving or transmitting a message.

VOX Icon
Visible when VOX feature turned on. The VOX sensitivity level can be adjusted from level 1 to 5, with level 1 being the least sensitive level.

Weather Alert Icon
Visible when in Weather Alert mode. If the radio is turned ON, it will alert to Weather and other emergency alerts broadcast by NOAA.[®]

Weather Icon
Visible when in NOAA weather radio mode. You can use your microTALK® radio to listen to weather channels transmitting in your area.

CTCSS/DCS Icon
Shown in either Privacy Code system selected.



® The NOAA NWR Frequency Table

Channel No.	NWR Frequency	Channel No.	NWR Frequency
1	162.550MHz	6	162.500MHz
2	162.400MHz	7	162.525MHz
3	162.475MHz	8	161.650MHz
4	162.425MHz	9	161.775MHz
5	162.450MHz	10	163.275MHz

Features

- 22 Channels
- 10 Channels Weather Radio
- Weather Alert
- 121 Privacy Codes (38 CTCSS codes / 83 DCS codes)
- Hands-Free Operation (VOX)
- Scan Channels, privacy codes
- LCD Display
- Call Alert
- Button Lock
- Roger Beep Selectable On/Off
- Battery/Power Saver
- Keystroke Tones
- Battery Level Indicator
- Low Battery Audible Alert
- Auto Squelch
- Belt Clip



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



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Important Notice:

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

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

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

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

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Safety Information for microTALK® Radios

Your wireless handheld portable transceiver contains a low power transmitter. When the talk button is pushed, it sends out radio frequency (RF) signals. The device is authorized to operate at a duty factor not to exceed 50%. In August 1996, the Federal Communications Commissions (FCC) adopted RF exposure guidelines with safety levels for handheld wireless devices.

Important

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

Normal Position

Hold the transmitter approximately 25mm from your face and speak in a normal voice, with the antenna pointed up and away.

ISED RSS warning

This product meets the applicable Industry Canada technical specifications. / Le présent matériel est conforme aux spécifications techniques applicables d'Industrie Canada.

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.

Le présent appareil est conforme aux CNR d'ISED applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

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

Tout changement ou modification non expressément approuvé par la partie responsable de la conformité l'équipement

ISED Radiation Exposure Statement:

For face up operation, this model device has been tested and meets the 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 25mm from the face.

For body worn operation, this model device has been tested and meets the ISED RF exposure guidelines when used with an accessory designated for this product or when used with an accessory that Contains no metal.

Pour une utilisation face vers le haut, ce modèle d'appareil a été testé et répond aux directives d'exposition RF ISED lorsqu'il est utilisé avec un accessoire désigné pour ce produit ou lorsqu'il est utilisé avec un accessoire qui ne contient pas de métal et qui positionne le combiné à au moins 25 mm du visage.

Pour une utilisation sur le corps, ce modèle d'appareil a été testé et répond aux directives d'exposition RF de la ISED lorsqu'il est utilisé avec un accessoire désigné pour ce produit ou lorsqu'il est utilisé avec un accessoire qui ne contient pas de métal.

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 transferrable. 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.

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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 warranty.

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Product Service and 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.