



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.

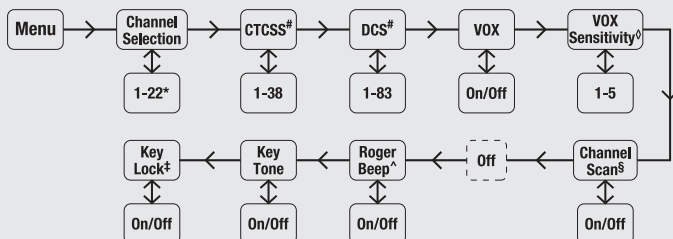
Release the **Talk** button when you finish talking and listen for a response from the other person. You cannot receive at the same time while pressing the **Talk** button.

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 UP or DOWN 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.

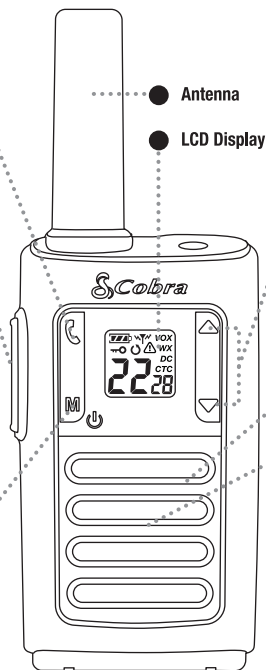
^ The **Roger Beep** confirmation tone alerts the other party that you have finished talking and it is OK for them to speak, after you release the **Talk** button.

† 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 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 UP and DOWN Buttons

Press the UP or DOWN 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 UP or DOWN buttons to change the setting.

Press and hold "Up" button to enter the Weather mode.

Once in the Weather mode:

Use the Up or Down Buttons to select the desired Weather channel. Press and hold the Up Arrow to exit the Weather mode.

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.

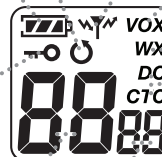
Scan Icon
Visible when in Scan mode.

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 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
- 121 Privacy Codes (38 CTCSS codes / 83 DCS codes)
- Hands-Free Operation (VOX)
- Scan Channels
- 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

Wrist Strap Connection

Belt Clip

Battery Cover



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 two (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 Industry Canada 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'Industrie Canada 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.

Radiation Exposure Statement:

Under ISED regulations, this radio transmitter may only operate using the antenna that is affixed to the radio transmitter. Use only the supplied antenna. Unauthorized antennas, modifications, or attachments could damage the transmitter and may void the user's authority to operate the radio.

Any changes of modifications not expressly approved by the party responsible for compliance could void the user's ability to operate the equipment.

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.

This device has been tested and certified to 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 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 10mm from the body. Non-compliance with the above restrictions may result in a violation of RF exposure guidelines.

Limited One-Year Warranty

Cobra warrants your product against all defects in materials and workmanship for a period of one (1) year from the date of original purchase.

Cobra, at our sole discretion, will repair or replace your product (with the same or comparable product) free of charge.

Cobra will not pay shipping charges that you incur for sending your product to us. Products received COD will be refused.

To make a warranty claim, we will require proof of purchase in the form of an invoice or receipt. No proof of purchase is required for factory direct purchases.

Warranty Exclusions: Warranty does not apply to your product under any of the following conditions: 1. The serial number has been removed or modified. 2. Your product has been subjected to misuse or damage (including water damage, physical abuse, and/or improper installation). 3. Your product has been modified in any way. 4. Your receipt or proof-of-purchase is from a non-authorized dealer or internet auction site including E-bay, U-bid, or other non-authorized resellers.

LIMITATION OF WARRANTY: EXCEPT AS EXPRESSLY PROVIDED HEREIN, YOU ARE ACQUIRING THE PRODUCT "AS IS" AND "WHERE IS", WITHOUT REPRESENTATION OR WARRANTY. COBRA SPECIFICALLY DISCLAIMS ANY REPRESENTATION OR WARRANTY INCLUDING, BUT NOT LIMITED TO THOSE CONCERNING THE MERCHANTABILITY AND SUITABILITY OF THE PRODUCT FOR A PARTICULAR PURPOSE. COBRA SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INCIDENTAL DAMAGES INCLUDING, WITHOUT LIMITATION, DAMAGES ARISING OUT OF THE USE, MISUSE OR MOUNTING OF THE PRODUCT.

The above limitations or exclusions shall be limited to the extent they violate the laws of any particular state. Cobra is not responsible for products lost in shipment between the owner and our service center.

General Warranty Information

Each product we manufacture is covered by our factory warranty. While each product may have unique components and policy, the general guideline below will apply to most Cobra products.

All Cobra products purchased factory-direct or from our Authorized Resellers will come with a full one to three (1-3) year warranty from the date of the original retail purchase (see policy statement above for full warranty details and exclusions).

Standard accessories packaged with each model will have a one-year factory warranty.

Accessory items have a one-year factory warranty.

Shipping to our facility is not covered in our warranty. Return shipping is included within the US.

This warranty is non-transferrable.

For the sake of clarity, 'repair or replace the Product or its defective part' does not include removal or installation work, costs or expenses which include but are not limited to labor costs or expenses.

Cobra will not be responsible for lost packages.

Customer Assistance

In this user's guide, you should find all the information you need to operate your microTALK® radio. If you require further assistance after reading this guide, Cobra offers the following customer assistance services:

For Assistance In The U.S.A.

Product Service:

For any questions about operating or installing this new Cobra product, PLEASE CONTACT COBRA FIRST... do not return this product to the retail store. The contact information for Cobra will vary depending on the country in which you purchased and uses the product. For the latest contact information, please go to www.cobra.com/support or call 1-800-543-1608.

If your product should require factory service, please go to www.cobra.com/support and follow the instructions.

For Products Purchased Outside the U.S.A.

Please contact your authorized local reseller or agent for warranty information.

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