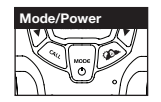


Operation

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:

- 
- 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.

Mode Functions (continued on back side)

Set CTCSS Privacy Codes



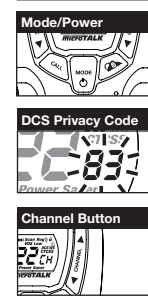
To select a CTCSS privacy code:

- 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:

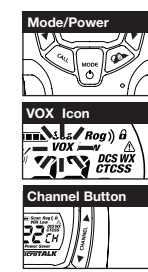
- After selecting a channel, press the **Mode/Power** button until the **DCS** icon appears and the small numbers flash on the display (00 through 83).

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.

- 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.

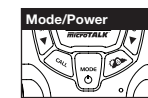
Voice Activated Transmit (VOX)

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.
- Choose one of the following:
 - Press the **Mode/Power** button to enter the selected setting and proceed to other functions.
 - Press the **Lock** button to return to **Standby** mode.

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:

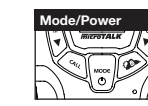
- While in **Standby** mode, press the **Channel Up** or **Channel Down** button to choose the channel on which you wish to scan privacy codes.
- Press the **Mode/Power** button until either the **CTCSS** or the **DCS** icon appears on the display and the **Scan** icon and the privacy code numbers flash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

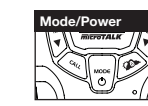


To change a call tone setting:

- 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.

Operation

General Specifications & Licensing

General Specifications

FRS/GMRS Frequency Allocation and Compatibility

Important: Please note that Cobra GMRS models with 15 Channels may designate different channel numbers for the same frequency. For example, a Cobra 15 Channel GMRS model would need to be tuned to Channel 11 in order to communicate with a 22 Channel GMRS tuned to Channel 15. Please refer to the chart below for channel/ frequency number compatibility.

A = Channel No. for 22 Channel FRS/GMRS Models
B = Channel No. for 15 Channel GMRS Models
C = Type of Radio Service
D = Frequency in MHz
E = Power Output

A	B	C	D	E
1	1	FRS/GMRS	462.5625	High
2	2	FRS/GMRS	462.5875	High
3	3	FRS/GMRS	462.6125	High
4	4	FRS/GMRS	462.6375	High
5	5	FRS/GMRS	462.6625	High
6	6	FRS/GMRS	462.6875	High
7	7	FRS/GMRS	462.7125	High
8		FRS	467.5625	Low
9		FRS	467.5875	Low
10		FRS	467.6125	Low
11		FRS	467.6375	Low
12		FRS	467.6625	Low
13		FRS	467.6875	Low
14		FRS	467.7125	Low
15	11	GMRS	462.5500	High
16	8	GMRS	462.5750	High
17	12	GMRS	462.6000	High
18	9	GMRS	462.6250	High
19	13	GMRS	462.6500	High
20	10	GMRS	462.6750	High
21	14	GMRS	462.7000	High
22	15	GMRS	462.7250	High

IMPORTANT NOTICE: FCC LICENSE REQUIRED

This two-way radio operates on GMRS (General Mobile Radio Service) frequencies which require an FCC (Federal Communications Commission) license. A user must be licensed prior to operating on Channels 1 through 7 on high power or 15 through 22, which comprise the GMRS channels of this radio. Serious penalties could result for unlicensed use of GMRS channels, in violation of FCC rules. Operation of this radio is subject to additional rules specified in 47 C.F.R. Part 95.

Licensed users will be issued a call sign by the FCC, which should be used for station identification when operating this radio. GMRS users should also cooperate by engaging in permissible transmissions only, avoiding channel interference with other GMRS users, and being prudent with the length of their transmission time. For licensing information and application forms, please call the FCC Hotline at 800-418-FORM. Request form #159 and form #605. Questions regarding the license application should be directed to the FCC at 888-CALL-FCC. Additional information is available on the FCC's website at www.fcc.gov.

Channel 1 through 7 on low power and channels 8 through 14 comprise the FRS (Family Radio Service). No license is required to operate on the FRS.

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.

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 Commission (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.

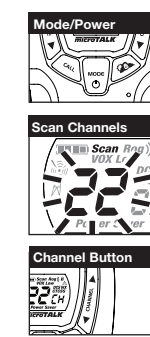
MODEL WR380:

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.

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**.

Warranty & Trademark Acknowledgment

Limited One-Year Warranty

Altis Global Limited warrants 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. This warranty may be enforced by the first consumer purchaser, and is not transferable. If the product is under warranty, it will be repaired or exchanged depending on the model at Altis' sole discretion. Such remedy may be your sole and exclusive remedy for any breach of warranty.

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 warranty please visit www.cobrawalkietalkie.com.

Provided that the product is 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.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state and country to country.

Exclusions: This limited warranty does not apply: 1) To any product damaged by accident; 2) In the event of misuse, ordinary wear, failure to follow directions, or improper maintenance of the product or as a result of unauthorized alterations or repairs; 3) If the serial number has been altered, defaced, or removed; 4) If the product was purchased or is utilized in a jurisdiction not covered by the limited warranty.

All implied warranties, including warranties of merchantability and fitness for a particular purpose are limited in duration to the length of this warranty. Altis shall not be liable for any consequential or other damages, including without limitation, damages resulting from the loss of use or cost of installation.

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.

For Products Purchased Outside the U.S.A.

Please contact your local dealer for warranty information.

90-Day Warranty on Rechargeable Batteries

For products purchased in the U.S.A. and Canada.

Trademark Acknowledgment

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