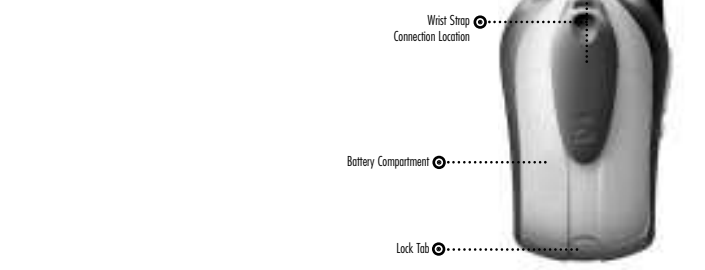


microTALK®

Two-Way Radio Model MT 750



- Product Features**
- Two-Way Radio with up to a 5 km (3 mile) range
 - 8 Channels
 - 38 CTCSS Privacy Codes
 - Backlit LCD Display
 - Water Resistant
 - Battery Saver Circuitry
 - Maximum Range Extender
 - VOX Mode for Hands-Free Transmissions
 - Baby Monitor Function
 - Call Alert (5 Selectable Tones)
 - Scan (Channel, Privacy Code)
 - Dual Watch Programmable 2-Location Scan
 - Key Lock
 - Auto Squelch
 - Selectable On/Off "Roger Beep" Confirmation Tone
 - Selectable On/Off Keystroke Tone
 - Combination Speaker/Microphone/Charging Jack
 - Belt Clip
- *You are not allowed to use channels 1 and 2 in France. This situation can change, please contact the French radio licensing authority for more information.*



OPERATION

English

Product Information

This microTALK® radio has been manufactured to meet all required standards for radio equipment using PMR 446 frequencies as authorized. The use of this two-way radio product involves the public airways and its use may be subject to local laws or regulations. Contact your radio licensing authority for more information.

Caring for Your Radio

Your microTALK® radio will give you years of trouble-free service if cared for properly. Here are a few suggestions:

- Handle the radio gently.
- Keep it away from dust.
- Never put the radio in water or in a damp place.
- Avoid exposure to extreme temperatures.

Desktop Charger and Rechargeable Batteries

- To Insert Batteries in Radio:**
- Remove belt clip by releasing belt clip latch and sliding clip up.
 - Pull down on lock tab to remove battery cover (on back of radio).

Battery Low Indicator

When battery power is low, the BATTERY LOW indicator will blink, indicating that batteries should be recharged or replaced.

WARNING: Only the supplied NiMH batteries can be recharged.

For Charging Cobra's microTALK® Radio(s):

- Insert radio(s) into the charger as shown.
- Insert round connector of 230 volt adaptor into jack on back of charger.
- Plug 230 volt adaptor into mains socket.

If charging light is not On, check position of radio. Radio should be upright.

The charge indicator light will stay On as long as the radio is in the charging well, even after the batteries are fully charged.

It normally takes about 15 hours to fully recharge batteries. Batteries will not be damaged if they stay in the charging well longer than that.

Radio Power

To Turn Your Radio On:

Press and hold the POWER button until you hear a series of audible tones indicating that the radio is On.

Your microTALK® radio is now in LISTENING MODE, ready to receive transmissions. The radio is always in LISTENING MODE, except when the TALK, CALL or MODE buttons are pressed.

To Turn Your Radio Off:

Press and hold the POWER button.

Volume

To Adjust the Volume:

Press the VOLUME UP or the VOLUME DOWN buttons.

A triple beep sound is used to indicate that you have reached the minimum (1) or maximum (8) volume level.

OPERATION

English

Listening for a Response

When You Have Finished Talking:

Release the TALK button to receive incoming transmissions. Your microTALK® is always in LISTENING MODE except when the TALK, CALL or MODE buttons are pressed.

Volume

To Adjust the Volume:

Press the VOLUME UP or the VOLUME DOWN buttons.

A triple beep sound is used to indicate that you have reached the minimum (1) or maximum (8) volume level.

Call Button

To Alert Another Person That You Are Calling:

Press and release the CALL button.

The other person will hear a two (2) second ringing tone. You cannot receive transmissions while sending a call.

Channels

To Select a Channel:

With the radio On, select any of 8 channels by pushing the CHANNEL UP or CHANNEL DOWN button.

You can press and hold the CHANNEL UP or CHANNEL DOWN button for fast advance.

NOTE: Both radios must be tuned to the same channel and privacy code (see "CTCSS Privacy Codes") to communicate.

Lock Function

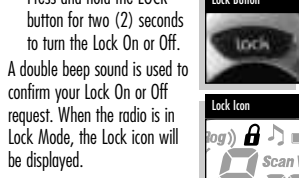
The LOCK button locks the CHANNEL UP, CHANNEL DOWN and MODE buttons to prevent accidental operation.

To Use the Lock Function:

Press and hold the LOCK button for two (2) seconds to turn the Lock On or Off.

A double beep sound is used to confirm your Lock On or Off request. When the radio is in Lock Mode, the Lock icon will be displayed.

Lock Icon



Display Illumination

To Illuminate Your Display:

Press and release the LIGHT/MAX RANGE button to illuminate the display for ten (10) seconds.

Auto Squelch/ Maximum Range Extender

Your microTALK® radio is equipped with Auto Squelch, which automatically shuts off weak transmissions and unwanted noise resulting from terrain, conditions, or from reaching 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.

To Temporarily Turn Off Auto Squelch:

Press the LIGHT/MAX RANGE button for less than five (5) seconds.

If you hear two (2) beeps, you have turned the Maximum Range Extender On (see below).

OPERATION and MODE FUNCTIONS

English

Combination Speaker/Microphone/Charging Jack

Your microTALK® radio can be fitted with an external speaker/microphone, freeing your hands for other tasks. This same jack also serves as the connecting point for an optional wall charger/adaptor.

To Attach a Speaker/Microphone:

- Open the speaker/microphone/charging tab on the top of your microTALK® radio.
- Insert the plug into the speaker/microphone/charging jack.

To Connect a Wall Charger/Adaptor:

- Open the speaker/microphone/charging tab on top of your microTALK® radio.
- Insert the wall charger/adaptor plug into the speaker/microphone/charging jack.

Scrolling Through the Mode Functions

By scrolling through the Mode Functions, you will be able to select or change preferred features of your microTALK® radio. While you are scrolling through the Mode Functions, your radio features will be displayed in the same predetermined order:

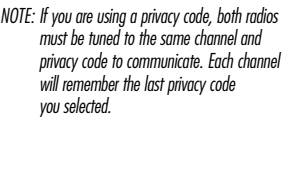
- Set CTCSS Privacy Codes
- Set VOX On/Off
- Set VOX Sensitivity Level
- Set Channel Scan
- Set CTCSS Privacy Code Scan
- Program Dual Watch Location or Set Dual Watch On/Off
- Set Baby Monitor
- Set Call Tones
- Set "Roger Beep" On/Off
- Set Keystroke Tones On/Off

CTCSS Privacy Codes

CTCSS (Continuous Tone Coded Squelch System) is an advanced tone coding system allowing you to select one of 38 privacy codes to reduce incoming transmissions from other users on the channel.

NOTE: If you are using a privacy code, both radios must be tuned to the same channel and privacy code to communicate. Each channel will remember the last privacy code you selected.

Lock Icon



To Select a Privacy Code:

- After selecting a channel, press and hold the MODE button until the small numbers next to the channel number flash on the display.
- Press the CHANNEL UP or CHANNEL DOWN button to select a privacy code.
- When your desired privacy code is displayed, choose one of the following:
 - Press the MODE button to enter the new setting and proceed to other functions.
 - Press the LOCK button to enter the new setting and return to LISTENING MODE.
 - Do not press any buttons for fifteen (15) seconds to enter the new setting and return to LISTENING MODE.

To Set the VOX Sensitivity Level:

- Press the MODE button until the VOX icon flashes and the current sensitivity level is displayed.
- Press the CHANNEL UP or CHANNEL DOWN button to change the setting.

During 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 LISTENING MODE.
- Press the CHANNEL UP or CHANNEL DOWN button to resume scanning channels.
- If you press the TALK button while scanning and not within ten (10) seconds of receiving a transmission, you will transmit on the channel on which you last received a transmission. This will return the radio to LISTENING MODE.
- If you do not press any button within ten (10) seconds, your radio will automatically resume scanning channels.

Channel Scan

Your microTALK® radio can automatically scan channels (1 to 8).

NOTE: The radio ignores specific CTCSS privacy codes while scanning channels.

To Scan Channels:

- Press the MODE button until the Scan icon and the channel number flash on the display.
- Press the CHANNEL UP or CHANNEL DOWN button to begin scanning channels.
- The Scan icon will continue to be displayed when channel scan is On. Your radio will continue to scan all channels and stop an incoming transmission is detected. Your radio will remain on that channel for ten (10) seconds.

While setting channel scan, if you do not press any buttons for fifteen (15) seconds your radio will automatically return to LISTENING MODE on the channel or channel/privacy code displayed before you entered Mode Functions.

To Scan Privacy Codes:

- While in LISTENING MODE, press the CHANNEL UP or CHANNEL DOWN button to choose the channel on which you wish to scan the CTCSS privacy codes.
- Press the MODE button until the Scan icon and the small numbers next to the channel number flash on the display.
- Press the CHANNEL UP or CHANNEL DOWN button to begin scanning CTCSS privacy codes within the channel you selected.

MODE FUNCTIONS OPERATION

English

To Set the VOX Sensitivity Level:

- Press the MODE button until the VOX icon flashes and the current sensitivity level is displayed.
- Press the CHANNEL UP or CHANNEL DOWN button to change the setting.

During 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 LISTENING MODE.
- Press the CHANNEL UP or CHANNEL DOWN button to resume scanning CTCSS privacy codes.
- If you press the TALK button while scanning and not within ten (10) seconds of receiving a transmission, you will transmit on the channel/privacy code on which you last received a transmission. This will return the radio to LISTENING MODE.
- If you do not press any button within ten (10) seconds, your radio will automatically resume scanning channels.

During Scanning (while not receiving a transmission), You Can Choose From The Following:

- Press and hold the TALK button to communicate on either the channel or channel/privacy code that was displayed before you entered Mode Functions or the channel on which, during scanning, you last received a transmission. This will return the radio to LISTENING MODE.
- Press the MODE button to proceed to set CTCSS privacy code on the channel that was either displayed before you entered Mode

Dual Watch

Dual Watch allows you to simultaneously monitor any two (2) Dual Watch Locations:

Dual Watch Location 1 – is always the channel/privacy code displayed before you entered Mode Functions. See "Channels" and "CTCSS Privacy Codes" sections for further details.

Dual Watch Location 2 – will be stored in the radio. It can be edited and/or recalled for future engagements of Dual Watch Mode.

To Program Or Edit Dual Watch Location 2 And Engage Dual Watch Mode:

- Press the MODE button until the Dual Watch icon and the channel number flash on the display.
- Choose one of the following:
 - Select or edit a channel:
 - Press the CHANNEL UP or CHANNEL DOWN button to select a channel (1 to 8).

During an Incoming Transmission, You Can Choose From The Following:

- Press and hold the TALK button to communicate on that Dual Watch Location. Your radio will remain on that Dual Watch Location and return to LISTENING MODE.
- Press the CHANNEL UP or CHANNEL DOWN button to resume Dual Watch.

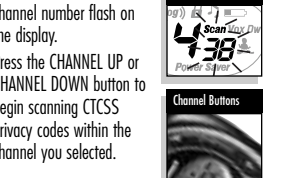
CTCSS Privacy Code Scan

Your microTALK® radio can automatically scan the CTCSS privacy codes (01 to 38) within one (1) channel.

To Scan Privacy Codes:

- While in LISTENING MODE, press the CHANNEL UP or CHANNEL DOWN button to choose the channel on which you wish to scan the CTCSS privacy codes.
- Press the MODE button until the Scan icon and the small numbers next to the channel number flash on the display.
- Press the CHANNEL UP or CHANNEL DOWN button to begin scanning CTCSS privacy codes within the channel you selected.

Lock Icon



MODE FUNCTIONS OPERATION

English

To Turn Dual Watch On:

- Set the first Dual Watch Location (channel/privacy code) you wish to monitor (see "Channels" and "CTCSS Privacy Codes" sections for further details).
- Press the MODE button until the Dual Watch icon and the channel number flash on the display.

To Program Or Edit Dual Watch Location 2 And Engage Dual Watch Mode:

- Press the MODE button until the Dual Watch icon and the channel number flash on the display.
- Choose one of the following:
 - Select or edit a channel:
 - Press the CHANNEL UP or CHANNEL DOWN button to select a channel (1 to 8).

During an Incoming Transmission, You Can Choose From The Following:

- Press and hold the TALK button to communicate on that Dual Watch Location. Your radio will remain on that Dual Watch Location and return to LISTENING MODE.
- Press the CHANNEL UP or CHANNEL DOWN button to resume Dual Watch.

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Dual Watch allows you to simultaneously monitor any two (2) Dual Watch Locations:

Dual Watch Location 1 – is always the channel/privacy code displayed before you entered Mode Functions. See "Channels" and "CTCSS Privacy Codes" sections for further details.

Dual Watch Location 2 – will be stored in the radio. It can be edited and/or recalled for future engagements of Dual Watch Mode.

To Program Or Edit Dual Watch Location 2 And Engage Dual Watch Mode:

- Press the MODE button until the Dual Watch icon and the channel number flash on the display.
- Choose one of the following:
 - Select or edit a channel:
 - Press the CHANNEL UP or CHANNEL DOWN button to select a channel (1 to 8).

During an Incoming Transmission, You Can Choose From The Following:

- Press and hold the TALK button to communicate on that Dual Watch Location. Your radio will remain on that Dual Watch Location and return to LISTENING MODE.
- Press the CHANNEL UP or CHANNEL DOWN button to resume Dual Watch.

During an Incoming Transmission, You Can Choose From The Following:

- Press and hold the TALK button to communicate on that Dual Watch Location. Your radio will remain on that Dual Watch Location and return to LISTENING MODE.
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- Press and hold the TALK button to communicate on that Dual Watch Location. Your radio will remain on that Dual Watch Location and return to LISTENING MODE.
- Press the CHANNEL UP or CHANNEL DOWN button to resume Dual Watch.

Baby Monitor

With the Baby Monitor Function on, a radio left near a baby will transmit to another unit on the same channel and privacy code whenever a sound is detected. Baby Monitor uses the same sensitivity level you set for the VOX Function. If you have not set a VOX sensitivity level (see the "Voice Activated Transmit (VOX)" section of this manual), the maximum sensitivity level 5 will automatically be used.

To Turn Baby Monitor On:

- Press MODE button until the Baby Monitor icon flashes on the display. The current Off setting is displayed.
- Press the CHANNEL UP or CHANNEL DOWN button to turn Keystroke Tones On or Off.