Ⓢ microTALK ®

Two-Way Radio **Model MT 525**

ENGLISH

This equiment is intended for use in:

AT	•	EE	•	HU	•	LI	•	PT	•
BE	•	ES	•	IE	•	LU	•	SE	•
CY	•	FI	•	IS	•	MT	•	CH	•
CZ	•	FR	•	IT	•	NL	•	SI	•
DE	•	GB	•	LT	•	NO	•	SK	•
DK	•	GR	•	LV	•	PL	•	TR	•

• Countries of use

Antenna

CALL Button

POWER Button

TALK Button

LIGHT/MAX RANGE Button

CHANNEL SELECT Buttons

Speaker/Microphone

External Speaker/Microphone Jack

spkr | mic

MODE/LOCK Button

Charge Jack

CHG

VOLUME CONTROL Buttons

vol ▲

vol ▼

call   mode/lock

38

Power Saver
Battery Low

channel

Belt Clip

Battery Compartment

Lock Tab

Wrist Strap Connection Location

## PRODUCT FEATURES
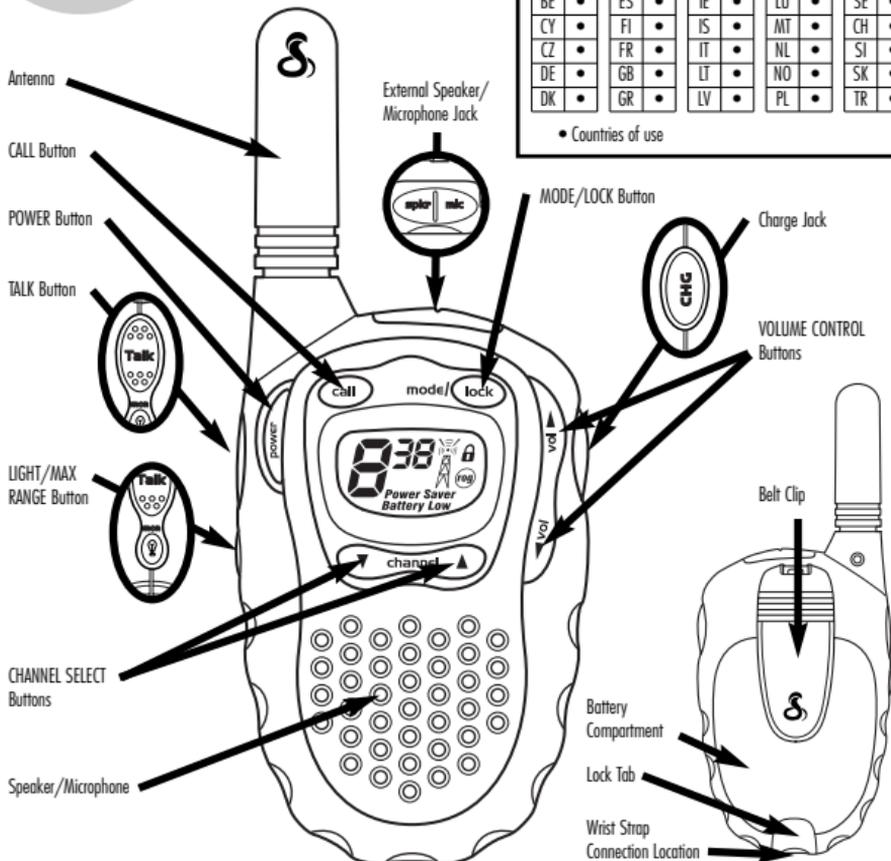
Features

- **Two-Way Radio**
  with up to a 3 km (2 mile) range
- **8 Channels***
- **38 CTCSS Privacy Codes**
- **Backlit LCD** Display
- **Battery Saver** Circuitry
- **Maximum Range** Extender
- **Call Alert**
- **Auto Squelch**
- **Selectable On/Off "Roger Beep"** Confirmation Tone
- **Key Lock**
- **External Speaker/Microphone** Jack
- **Belt Clip**
- **Wrist Strap**

**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.*

Main Channel Number — CTCSS Privacy Code Numbers — Receive/Transmit Icon — Lock Icon

**Power Saver
Battery Low**

rog

Power Saver Icon — Battery Low Icon — Roger Beep Icon
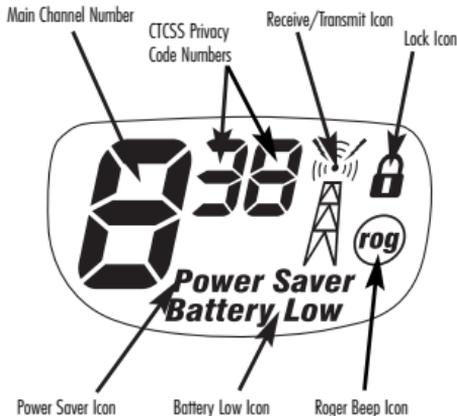
Product Information

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.

Battery Installation

To Install or Replace Batteries:

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

2. Pull down on the BATTERY DOOR LOCK TAB to remove the battery compartment cover.

3. Insert four (4) AAA batteries. (Always use high-quality alkaline batteries.) Position batteries according to polarity markings.

4. Replace Battery Compartment cover and belt clip.

*NOTE: See "Optional Accessories" for accessory availability and ordering instructions.*

Remove Belt Clip	Lock Tab	Insert Batteries
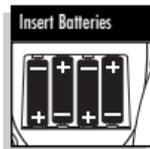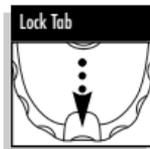
Battery Charging

When the optional NiMH battery pack (part No. FA-BP) is used, the batteries can be charged using the optional rapid wall mount charger (part No. PA-CW). Simply place the battery pack in the battery compartment, open the CHARGE TAB on the side of the unit and insert the plug into the charge jack to start charging. The batteries should be fully charged in about three (3) hours.

WARNING: Only the NiMH battery pack FA-BP can be recharged.

NOTE: See "Optional Accessories" for accessory availability and ordering instructions.

| Charge Tab	Charging Batteries
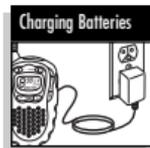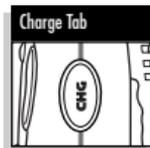
Radio Power

To Turn Your Radio On:

1. 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/LOCK buttons are pressed.

To Turn Your Radio Off:

1. Press and hold the POWER button.

Power Button
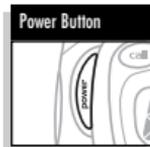
Battery Low Indicator

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

WARNING: Only the NiMH battery pack FA-BP can be recharged.

Battery Low Icon
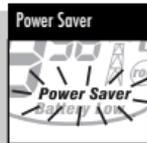
Power Saver

Battery/Power Saver

If there are no transmissions within ten (10) seconds, the unit will automatically switch to Battery Save mode and POWER SAVER will appear in the display. This will not affect the unit's ability to receive incoming transmissions.

Communicating with Another Person

To Talk To Another Person:

1. Press and hold the TALK button.

2. With the microphone about 5 cm (2 inches) from your mouth, speak in a normal voice.

3. Release the button when you have finished talking and listen for a response.

You cannot receive incoming calls while pressing the TALK button.

Talk Button

5 cm (2 inches) From Mouth
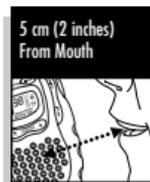
Channels

To Select a Channel:

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

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

Channels

Channel Buttons
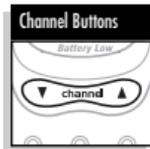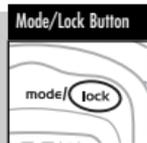
Mode/Lock Button

Mode Functions

Press and release the MODE/LOCK button to scroll through the Mode functions. In Mode Function, you can set Privacy Codes and turn "Roger Beep" on or off.

NOTE: The MODE/LOCK button has dual functions. Press and release to enter Mode Functions. Press and hold to enter Lock Function.

See CTCSS Privacy Codes, "Roger Beep" Confirmation Tone and Lock Function for more details.

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 interference 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.

38 Privacy Codes

To Select a Privacy Code:

1. After selecting a channel, press and release the MODE/LOCK button until the small numbers next to the channel number flash on the LCD.

   Mode/Lock Button

   Select Privacy Code

2. Press the CHANNEL UP or CHANNEL DOWN button to select a privacy code. You can hold the UP or DOWN button for fast advance.

   Channel Buttons

3. When your desired privacy code is displayed, choose one of the following:

   a. Press the MODE/LOCK button to enter the new setting and proceed to "Turn Roger Beep On or Off" selection.

   b. Do not press any buttons for fifteen (15) seconds to enter the new setting and return to LISTENING MODE.

NOTE: The MODE/LOCK button has dual functions. Press and release to enter Mode Function. Press and hold to enter Lock Function.
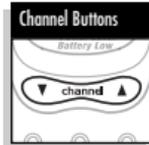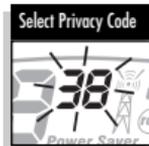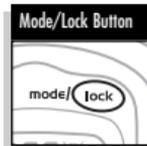
"Roger Beep" Confirmation Tone

Your listener will hear an audible tone when you release the TALK button. This alerts the other party that you have finished talking and that it is OK for them to speak. This feature can be turned on or off.

To Turn "Roger Beep" On or Off:

When you turn on your microTALK® radio for the first time, "Roger Beep" will be On.

1. Press and release the MODE/LOCK button until the "Roger Beep" icon flashes. The current On or Off setting is displayed.

2. Press the CHANNEL UP or CHANNEL DOWN button to select "Roger Beep" On or Off.

3. Choose one of the following:

   a. Press the MODE/LOCK button to enter the new setting and return to LISTENING MODE.

   b. Do not press any buttons for fifteen (15) seconds to enter the new setting and return to LISTENING MODE.

The setting you select will be saved when you turn your radio off and on again. When the "Roger Beep" is On, the "Roger Beep" icon will be displayed.

NOTE: The MODE/LOCK button has dual functions. Press and release to enter Mode Function. Press and hold to enter Lock Function.

Listening for a Response

When You Have Finished Talking:

1. Release the TALK button to receive incoming transmissions. Your microTALK® is always in LISTENING MODE while the TALK or CALL buttons are not pressed.
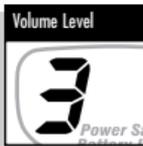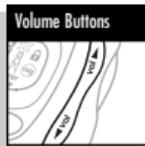
Volume

To Adjust the Volume:

1. 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.

Roger Beep Icon

Mode/Lock Button

Select Roger Beep

Channel Buttons

Listening

Volume Buttons

Volume Level

OPERATION
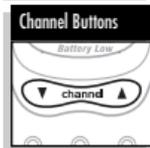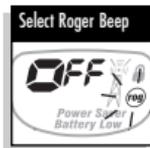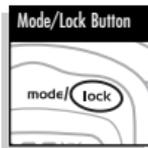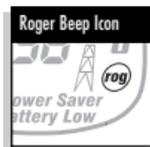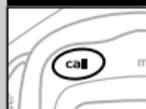
Call Button

Call Button

To Alert Another Person That You Are Calling:

1. Press and release the CALL button.

The other person will hear a two (2) second ringing tone. You cannot send or receive transmissions during the two (2) second call tone.

NOTE: Both radios must be tuned to the same channel and privacy code to communicate.

Lock Function

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

To Use the Lock Function:

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

NOTE: The MODE/LOCK button has dual functions. Press and release to enter Mode Function. Press and hold to enter Lock Function.

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.

Display Illumination

To Illuminate Your Display:

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

External Speaker/ Microphone
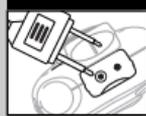
External Speaker/Microphone Jack

Your microTALK® radio can be fitted with an optional external speaker/microphone (not included), freeing your hands for other tasks.

NOTE: See "Optional Accessories" for accessory availability and ordering instructions.

To Attach the External Speaker/Microphone:

1. Open the SPKR/MIC tab on top of the unit.
2. Insert the plug into the SPKR/MIC jack.
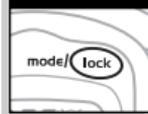
Auto Squelch/Maximum Range Extender

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.

Light/Max
Range Button

To Temporarily Turn Off Auto Squelch:

1. 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).

To Turn Maximum Range Extender On:

1. Press and hold the LIGHT/MAX RANGE button for at least five (5) seconds until you hear two (2) beeps, indicating that the Maximum Range Extender is On.

To Turn Maximum Range Extender Off:

1. Press and release the LIGHT/MAX RANGE button or change channels.

microTALK® Range

Your microTALK® radio has a range of up to three (3) kilometres (2 miles). 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.

Dense foliage and hilly terrain will further reduce the signal.

Remember, you can achieve maximum range by using Maximum Range Extender. See above for details.

Declaration of Conformity

This declaration is the responsibility of the manufacturer/importer

Cobra Electronics Europe Limited
Dungar House
Northumberland Avenue
Dun Laoghaire
County Dublin, Ireland

Date: November 4, 2003

This certifies that the following designated product

PRIVATE MOBILE RADIO: MT 525
(Product Identification)

complies with the essential protection requirements of R & TTE Directive 1999/5/EC on the approximation of the laws of the Member States relating to Radio Spectrum Matters, EMC and Electrical Safety. This declaration applies to all specimens manufactured in accordance with the attached technical documentation described in Annex II of the Directive which forms part of this declaration. Assessment of compliance of the product (class 2.6) with the requirements relating to the essential requirements according to Article 3 R & TTE was based on Annex IV of Directive 1999/5/EC and the following standards:

Radio Spectrum: **EN 300 296-2 v.1.1.1 (02/01)**
                    (Identification of regulations/standards)

EMC: **EN 301 489-5 (07/2000)**
                    (Identification of regulations/standards)

Electrical Safety: **EN 60065: 1998**
                    (Identification of regulations/standards)

RF Exposure: **EN 50371: 2002**
                    (Identification of regulations/standards)

DUBLIN, IRELAND   MIKE KAVANAGH

Optional Accessories

For accessory orders and availability, please contact your local dealer.

PA-BC1 . . . . . .Replacement Belt Clip

FA-BP . . . . . . .NiMH Rechargeable Battery Pack

PA-CW . . . . . .Rapid Wall Mount Charger (220 V, 2-pin CE plug and 240 V, 3-pin UK plug adapter)

MA-SM . . . . . .Lapel Speaker/Microphone

MA-VOX . . . . .VOX Headset Speaker/Microphone

MA-EBM . . . . .Ear Bud Microphone with Push To Talk Button

Warranty & Customer Service

For warranty and customer service information, please contact your local dealer.

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PA-BC1

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