

Es muy fácil y práctico mantenerse en contacto con su familia y sus amigos cuando utiliza un radio microTALK®. Usted descubrirá gran número de aplicaciones para el radio, como las siguientes: comunicación con otras personas en excursiones, paseos el bicicleta o en el trabajo; contacto con la familia y los amigos en concurrencias eventos públicos; comunicación con compañeros de viaje en otro automóvil; conversaciones con los vecinos; ponerse de acuerdo en un punto de reunión durante una vista al centro comercial.

**Pinza para el cinturón**



Es muy fácil transportar el radio microTALK® con la pinza para cinturón o la correa para la muñeca. La pinza se sujeta fácilmente al cinturón, un bolso o una mochila. Sólo tiene que oprimir la pinza y colocarla donde quiera.

**Ayuda a clientes**

**Ayuda en los EE.UU.**

En este manual para el usuario encontrará toda la información necesaria para usar el radio microTALK®. Si después de leer este manual requiere ayuda adicional, Cobra® Electronics ofrece los siguientes servicios de apoyo a clientes: Centro automatizado de ayuda Únicamente inglés. Disponible las 24 horas del día, todos los días del año, llamando por teléfono al 773-889-3087. Operadores de ayuda al cliente Únicamente inglés. Disponibles de 8:00 a.m. a 6:00 p.m., hora del centro de EE.UU., de lunes a viernes (excepto días festivos), llamando por teléfono al 773-889-3087. Preguntas Inglés y español. Puede enviar sus preguntas por fax al 773-622-2269. Ayuda técnica Únicamente inglés. www.cobra.com (en Internet: preguntas más frecuentes). Inglés y español. Corre electrónico: productinfo@cobra.com. Ayuda fuera de los EE.UU. Comuníquese con un distribuidor de productos Cobra® de su localidad.

# Cobra®

Owner's Manual



**RADIO  
BIDIRECCIONAL  
MODEL  
PR3000 DX**

# 2-WAY RADIO MODEL PR3000 DX

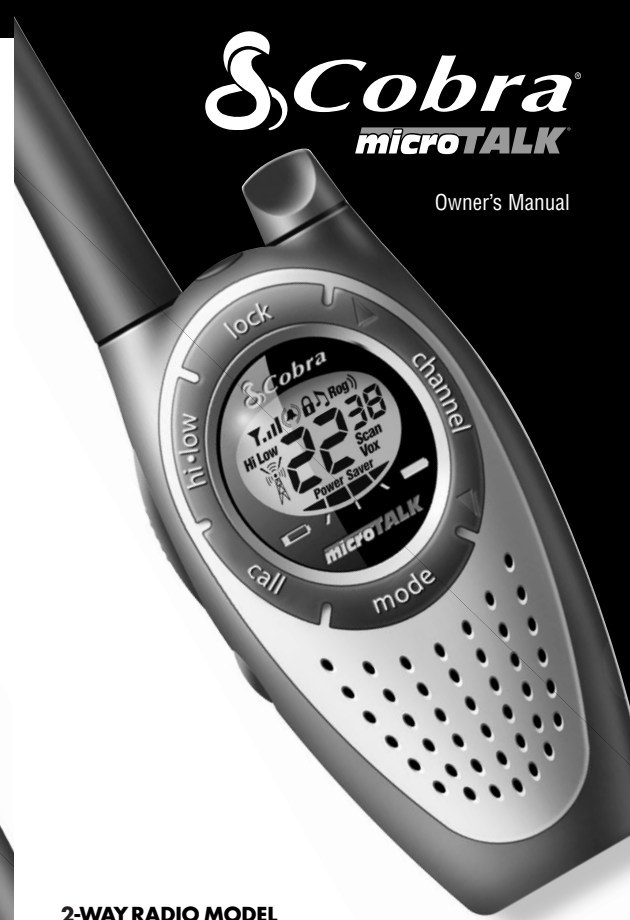
Printed in Philippines  
Part No. 480-049-P

Nothing Comes Close To A Cobra®

English

# Cobra® microTALK

Owner's Manual



**Customer Assistance**



**Belt Clip**



**For Assistance In the U.S.A.**

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

**Automated Help Desk**

English only. 24 hours a day, 7 days a week 773-889-3087 (phone).

**Customer Assistance Operators**

English and Spanish. 8:00 a.m. to 6:00 p.m. CT, Monday through Friday (except holidays) 773-889-3087 (phone).

**Questions**

English and Spanish. Faxes can be received at 773-622-2269 (fax).

**Technical Assistance**

English only. www.cobra.com (on-line: Frequently Asked Questions). English and Spanish. productinfo@cobra.com (e-mail).

**For Assistance Outside the U.S.A.**

Contact Your Local Dealer

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.

**Secure your microTALK® radio while on the go.**

Carrying your microTALK® radio with you is easy when using the belt clip or wrist strap.

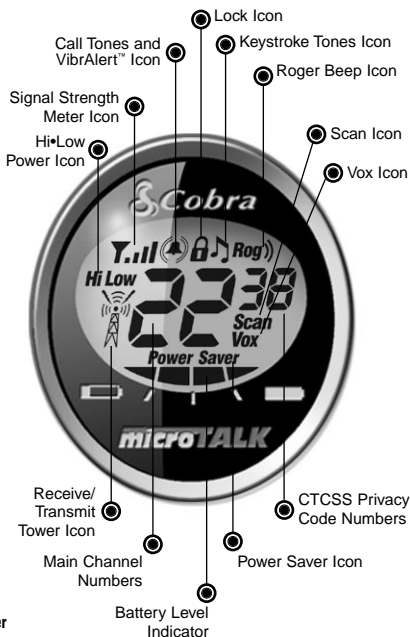
The belt clip easily attaches to your belt, purse, or backpack. Simply squeeze the clip and place it where you prefer.



## Features

- **Two-Way Radio** with up to a six (6) mile (10 km) range
- **22 Channels** (7 shared with FRS/GMRS, 7 FRS only, 8 GMRS only)
- **38 PRIVACY CODES**
- **Hands-Free Operation (VOX)**
- **VibrAlert® Silent Paging**
- **Signal Strength Meter**
- **Scan** (channel, privacy code)
- **Selectable Hi/Low Power** (in GMRS)
- **Backlit LCD Display**
- **Call Alert** (10 selectable tones)
- **Lock**
- **Speaker/Microphone Jack**
- **“Roger Beep”** (selectable On/Off)
- **Battery/Power Saver**
- **Keystroke Tones** (selectable On/Off)
- **Auto Squelch**
- **Maximum Range Extender**
- **Belt Clip**
- **Wrist Strap**

## Backlit LCD Display



## Important FCC Licensing Information

This radio operates on General Mobile Radio Service (GMRS) frequencies which require a Federal Communications Commission (FCC) license. See page 18 for licensing and other related information.

## Caring for Your microTALK® Radio

Your microTALK® radio will give you years of trouble-free service if cared for properly. Handle the radio gently. Keep the radio away from dust. Never put the radio in water or in a damp place. Avoid exposure to extreme temperatures.

## Remove Belt Clip



## Batteries

## 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 Latch** 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.



Contact your local Cobra® dealer or Cobra® directly for optional charger accessories.



## The Basics to Get You Started

Your microTALK® radio is easy to use. To get started, simply:

1. Rotate the On/Off Volume knob to turn On your radio.
  2. Press the **Channel Up** or **Channel Down** button to select a channel.
- Both radios must be tuned to the same channel to communicate.
3. Press and hold the **Talk** button while speaking into the microphone.
  4. When finished talking, release the **Talk** button and listen for a response.

## On/Off Power

**Turning On Your microTALK® Radio****To Turn On Your Radio:**

1. Rotate the **On/Off Volume** knob clockwise to turn On your radio and adjust the volume. A series of tones will indicate the radio is On.

Your microTALK® radio is now in **Standby Mode**, ready to receive transmissions. The radio is always in **Standby Mode**, except when the **Talk**, **Call** or **Mode** buttons are pressed.

## Battery Low

**Battery Low**

Your microTALK® radio has a battery level meter that shows when battery power is decreasing. The greater the number of ascending bars visible, the stronger the battery level. When the battery level is low, the last bar and “bALo” will flash indicating your batteries should be replaced or recharged, if using rechargeable batteries.

## Battery Save Mode

**Auto Battery Save**

Your microTALK® radio has a unique circuit designed to extend battery life. If there are no transmissions within ten (10) seconds, the radio will automatically switch to **Battery Save Mode** and **Power Saver** icon will flash in the display. This will not affect the radio's ability to receive incoming transmissions.

## Talk Button



2 inches (5 cm)  
From Mouth

**Communicating with Another Person****To Talk To Another Person:**

1. Press and hold the **Talk** button.
2. With the microphone about two (2) inches (5 cm) from your mouth, speak in a normal voice.
3. Release the **Talk** button when you are finished talking and listen for a response.

You cannot receive incoming calls while pressing the **Talk** button.



Both radios must be tuned to the same channel to communicate.

## Mode Button

**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 Privacy Codes
- Set VOX On/Off
- Set VOX Sensitivity Level
- Set Channel Scan
- Set Privacy Code Scan
- Set VibrAlert® and/or Call Alert
- Set Call Tones
- Set “Roger Beep” On/Off
- Set Keystroke Tones On/Off

## Channel Button



## Channel Number

**Channels****To Select a Channel:**

1. With the radio On, select any of the 22 channels by pressing the **Channel Up** or **Channel Down** button.



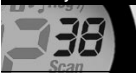
Both radios must be tuned to the same channel to communicate.

Channels 1 through 7 are shared with FRS/GMRS. Channels 8 through 14 are FRS only. Channels 15 through 22 are GMRS only.



See page 17 for FRS/GMRS frequency allocations and compatibility charts.

## 38 Privacy Codes



## 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.



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.

## Mode Button



## To Select a Privacy Code:

1. After selecting a channel, press the **Mode** button until the small numbers next to the channel number flash on the LCD.
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.
3. When your desired privacy code is displayed:
  - a. Press the **Mode** button to enter the new setting and proceed to other functions.
  - b. Press the **Lock** button to enter the new setting and return to **Standby Mode**.
  - c. Do not press any buttons for 15 seconds to enter the new setting and return to **Standby Mode**.

## Privacy Code



## Channel Button



## Listening



## Listening for a Response

## When You are Finished Talking:

1. Release the **Talk** button to receive incoming transmissions. Your microTALK® radio is always in **Standby Mode** while the **Talk** or **Call** buttons are not pressed.

## Volume Knob



## Volume

## To Adjust the Volume:

1. Rotate the **On/Off Volume** knob.

## 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 call tone. You cannot send or receive transmissions during the two (2) second call tone.



See page 13 on how to select between ten (10) call tone settings.

## Hi•Low Button



## Selectable High•Low Power Output

When in close proximity to another party or during favorable conditions, you can switch from High to Low Power to extend battery life.



This feature applies to GMRS channels 1 through 7 and 15 through 22 only. Channels 8 through 14 operate exclusively on Low Power.

## Hi Power Icon



## To Switch from High to Low Power:

1. Press and release the **Hi•Low** button.  
When in High Power and using channels 1 through 7 and 15 through 22, the **Hi** icon will be visible in the LCD display.

## Low Power Icon



When in Low Power and when using channels 8 through 14, the **Low** icon will be visible in the LCD display.

## Mode Button



## VOX Icon



## Channel Button



## VOX Sensitivity Level

**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:**

1. Press the **Mode** button until the VOX icon flashes on the LCD. The current On or Off setting is displayed.
2. Press the **Channel Up** or **Channel Down** button to turn VOX On or Off.
3. a. Press the **Mode** button to enter the selected On or Off setting and proceed to other functions.  
b. Press the **Lock** button to enter the selected On or Off setting and return to **Standby Mode**.

**To Set the Sensitivity:**

1. Press the **Mode** button until the VOX icon flashes and the current sensitivity level is displayed.



The current sensitivity level is displayed with letters “LE” and a number 1 through 5, 5 being the most sensitive level and 1 being the least sensitive level.

2. Press the **Channel Up** or **Channel Down** button to change the setting.
3. a. Press the **Mode** button to enter the selected setting and proceed to other functions.  
b. Press the **Lock** button to enter the selected setting and return to **Standby Mode**.

**Scan**

Your microTALK® radio can automatically scan main channels (1 through 22) or the privacy codes (00 through 38) within one (1) main channel.

**To Scan Main Channels:**

1. Press the **Mode** button until the Scan icon and the main channel number flashes on the display.
2. Press the **Channel Up** or **Channel Down** button to begin scanning the main channels.



The radio ignores privacy codes while scanning main channels.

3. The Scan icon will continue to be displayed when scan is On. Your radio will continue to scan all main channels and stop if an incoming transmission is detected. Your radio will remain on that channel for ten (10) seconds. During this time, you can:
  - a. Press and hold the **Talk** button to communicate with others. Your radio will remain on that channel and return to **Standby Mode**.
  - b. Press the **Channel Up** or **Channel Down** button to resume scanning channels.
  - c. Press the **Mode** button to proceed to privacy code scanning (see page 12 for further details).

If you press the **Talk** button while scanning and not within ten (10) seconds of receiving transmission, you will transmit on the last channel you transmitted or received on.

If you do not press any button within ten (10) seconds, your radio will automatically resume scanning main channels.

## Channel Button



## Select Channel



## Mode Button



## Scan Privacy Codes



## To Scan Privacy Codes:

1. While in **Standby Mode**, press the **Channel Up** or **Channel Down** button to choose the main channel you wish to scan.
2. Press the **Mode** button until the Scan icon and the privacy code number flashes on the display.
3. Press the **Channel Up** or **Channel Down** button and your radio will begin scanning privacy codes within the main channel you selected.
4. The Scan icon will continue to be displayed when scan is On. Your radio will continue to scan privacy codes and stop as incoming transmission is detected. Your radio will remain on that channel and privacy code for ten (10) seconds. During this time, you can:
  - a. Press and hold the **Talk** button to communicate with others. Your radio will remain on that channel and privacy code and return to **Standby Mode**.
  - b. Press the **Channel Up** or **Channel Down** button to resume scanning privacy codes.
  - c. Press the **Mode** button to proceed to next available Mode function.

If you press the **Talk** button while scanning (see page 11 for further details) and not within ten (10) seconds of receiving transmission, you will transmit on the last channel you transmitted or received on.

If you do not press any button within ten (10) seconds, your radio will automatically resume scanning privacy codes.

## Mode Button



## VibrAlert® + Ring



## VibrAlert® Only



## Ring Only



## Channel Button



## Mode Button



## Call Tone Setting



## Channel Button

**VibrAlert® and Call Tones**

Your microTALK® radio can alert you to incoming signals by sounding an audible call tone, by vibrating silently, or both.

**To Change Call Settings:**

1. Press the **Mode** button until the Call Setting icon flashes on the LCD. The current setting (Vibrate + Ring, Vibrate Only, or Ring Only) is displayed.
2. Press the **Channel Up** or **Channel Down** button to change the call setting.
3. a. Press the **Mode** button to enter the new setting and proceed to other functions.
  - b. Press the **Lock** button to enter the new setting and return to **Standby Mode**.

**10 Call Tone Settings**

You can choose between ten (10) different call tone settings to transmit a unique call alert.

**To Change a Call Tone Setting:**

1. Press the **Mode** button until the letter "C" and the current call tone number (1 through 10) is displayed. The current call tone will sound for one (1) second.
2. Press the **Channel Up** or **Channel Down** button to hear the other call tone settings.
3. a. Press the **Mode** button to enter the new setting and proceed to other functions.
  - b. Press the **Lock** button to enter the new setting and 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. This feature can be turned On or Off.

**To Turn “Roger Beep” On or Off:**

When turning On your microTALK® radio for the first time, “Roger Beep” will be On.

1. Press the **Mode** button until the Roger Beep icon flashes on the LCD. 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. a. Press the **Mode** button to enter the new setting and proceed to other functions.  
b. Press the **Lock** button to enter the new setting and return to **Standby 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.

Mode Button



Roger Beep On



Channel Button



Mode Button



Keystroke Tones On



Channel Button

**Keystroke Tones**

With Keystroke Tones turned On, your radio will sound beeps each time you press a button or change a setting.

**To Change Keystroke Tones:**

1. Press the **Mode** button until the Keystroke Tones icon flashes on the LCD. The current On or Off setting is displayed.
2. Press the **Channel Up** or **Channel Down** button to turn Keystroke Tones On or Off.
3. a. Press the **Mode** button to enter the new setting and proceed to other functions.  
b. Press the **Lock** button to enter the new setting and return to **Standby Mode**.

Light/Max Range

**Display Illumination****To Illuminate Your Display:**

1. Press and release the **Light/Max Range** button to illuminate the display for ten (10) seconds.

**Auto Squelch/Maximum Range**

Your microTALK® radio is equipped with Auto Squelch, which automatically shuts Off weak transmissions and unwanted noise due to terrain, conditions, or if you've reached 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:**

1. Press the **Light/Max Range** button 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 which indicates the Maximum Range Extender is On.

**To Turn Maximum Range Extender Off:**

1. Press and release the **Light/Max Range** button or change channels.

Light/Max Range



Lock Button



Lock Mode

**Lock Function**

The Lock button locks the **Channel**, **Mode**, and **Hi-Low Power** buttons to prevent accidental operation.

**To Turn the Lock Button On or Off:**

1. Press and hold the **Lock** button for two (2) seconds.

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

## Speaker/Microphone Jack

Your microTALK® radio can be fitted with an external Speaker/Microphone, freeing your hands for other tasks. See page 20 for optional accessories ordering information. Only Cobra® authorized accessories are recommended.

Speaker/Microphone



### To attach your Speaker/Microphone:

1. Open the **Speaker/Microphone** tab on top of your microTALK® radio.
2. Insert the plug into the **Speaker/Microphone** jack.

Signal Strength



### Signal Strength Meter

Your microTALK® radio has a signal strength meter that shows the strength of your incoming and outgoing transmissions. The ascending bars next to the signal strength indicate the strength of the signal. The greater the number of bars visible, the stronger the signal. The fewer number of bars visible, the weaker the signal.

Maximum Range



### microTALK® Range

Your microTALK® radio has a range of up to six (6) miles (10 km). Your range will vary depending on terrain and conditions.

Reduced Range



In flat, open country your radio will operate at maximum range.

Buildings and foliage in the path of the signal can reduce the range of the radio.

Reduced Range



Dense foliage and hilly terrain will further reduce the range of the radio.

On FRS channels 8 through 14, your radio automatically switches to low power, which will limit the range the radio can communicate.



Remember, you can achieve maximum range by using Maximum Range Extender. See page 15 for details.

## General Specifications

### A. 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 GMRS Models**

**B = Channel No. For 15 Channel GMRS Models**

**C = Type of Radio Service**

**D = Frequency in MHz**

**E = Power in Watts**

a = 2.0/0.5 (selectable)

b = 0.5

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

### B. Receiver

	Unit	Nominal
1. Sensitivity		
For 12 DB SINAD	..... dBm	-121
For Call Signal Detection	..... dBm	-121
2. Max. Audio Output		
@10% THD	..... mW	200
3. Max. S/N Ratio		
@ 1mV RF Input	..... dB	50
4. Squelch		
a) Sensitivity	..... dBm	-121
b) Attack Time	..... mS	150
c) Closing Time	..... mS	200
5. Audio Frequency Response		
@ 300 HZ	..... dB	-3
@ 2500 HZ	..... dB	-10
6. Signal Displacement BW	..... dB/KHz	5
7. Adjacent Channel Rejection	..... dB	60
8. Intermodulation Rejection	..... dB	65
9. Spurious Response Rejection	..... dB	55

### C. Transmitter

	Unit	Nominal
1. Power		
GMRS	..... W	5
FRS Only	..... mW	200
2. Carrier Frequency Stability	..... Hz	500
3. Modulation Limiting	..... KHz	2.5
4. Carrier Attack Time	..... mS	80
5. Audio Frequency Response		
@ 300 HZ	..... dB	-12
@ 2500 HZ	..... dB	+6
6. Audio Distortion	..... %	3
7. Hum Noise	..... dB	30
8. Transient Frequency Behavior		
a) TX On	..... mS	30
b) TX Off	..... mS	5

### D. Power Supply

	Unit	Nominal
1. Battery Life (5.5:90 RATIO)		
With Alkaline Batteries	..... HR	24
2. Battery Operating Range	..... V	4.2 - 6.0



## 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 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, as stipulated in the Communications Act's Sections 501 and 502 (amended).

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](http://www.fcc.gov).

### 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:

To maintain compliance with the FCC's RF guidelines, hold the transmitter at least 2 inches (5 centimeters) from your face and speak in a normal voice, with the antenna pointed up and away. If you wear the headset on your body while using the headset accessory, use only the Cobra® supplied belt clip for this product and ensure that the antenna is at least 1 inch (2.5 centimeters) from your body while transmitting. If the distance between the antenna and the body is LESS THAN 1.0 inch (2.5 cm), DO NOT USE THIS DEVICE IN THE BODY WORN CONFIGURATION. 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.

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.

If you have any questions about operation or installing your new Cobra® product, or if you are missing parts... Please call Cobra® first! DO NOT RETURN THIS PRODUCT TO THE STORE! See customer service on page 2.

## Product Service Questions

If your product should require factory service, please call Cobra® first before sending your radio. This will ensure the fastest turn-around time on your repair. You may be asked to send your radio to the Cobra® factory. It will be necessary to furnish the following to have the product serviced and returned.

- 1) For Warranty Repair include some form of proof-of-purchase, such as a mechanical reproduction or carbon of a sales receipt. If you send the original receipt, it cannot be returned.
- 2) Send the entire product.
- 3) Enclose a description of what is happening with the radio. Include a typed or clearly printed name and address of where the radio is to be returned.
- 4) Pack radio securely to prevent damage in transit. If possible, use the original packing material.
- 5) Ship prepaid and insured by way of a traceable carrier such as United Parcel Service (UPS) or First Class Mail to avoid loss in transit to Cobra® Factory Service. Cobra® Electronics Corporation, 6500 West Cortland Street, Chicago, Illinois 60707 USA.
- 6) If the radio is in warranty, upon receipt of your radio it will either be repaired or exchanged depending on the model. Please allow approximately 3 – 4 weeks before contacting Cobra® for status. If the radio is out of warranty, a letter will automatically be sent informing you of the repair charge or replacement charge. If you have any questions, please call 773-889-3087 for assistance.

## Warranty

### Limited 1-Year Warranty For Products Purchased in the U.S.A.

Cobra® Electronics Corporation warrants that its Cobra® GMRS Radios, and the component parts thereof, will be free of defects in workmanship and materials for a period of one (1) year from the date of first consumer purchase. This warranty may be enforced by the first consumer purchaser, provided that the product is utilized within the U.S.A. Cobra® will, without charge, repair or replace, at its option, defective GMRS radios, products or component parts upon delivery to the Cobra® Factory Service department, accompanied by proof of the date of first consumer 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 will be at Cobra®'s expense, if the product is repaired or replaced under warranty. This warranty gives you specific legal rights, and you may also have other rights which may vary from state to state.

**Exclusions: This limited warranty does not apply:** 1) To any product damaged by accident; 2) In the event of misuse or abuse 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 owner of the product resides outside the U.S.A.

All implied warranties, including warranties of merchantability and fitness for a particular purpose are limited in duration to the length of this warranty. Cobra® shall not be liable for any incidental, consequential or other damages; including, without limitation, damages resulting from loss of use or cost of installation. Some states do not allow limitations on how long an implied warranty lasts and/or do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to you.

For products purchased outside the U.S.A., please contact your local dealer for warranty information.

