How to Use Your Cobra micro Professional 2-Way Radio

Contents

Features of This Product

- *UHF FM Frequencies*
- *10 Weather Channels*
- *Weather Alert*
- *No Air Time Fees*
- *Up to 5 Mile Range*
- *15 GMRS Channels (7 shared FRS Channels)*
- *38 CTCSS Subchannels*
- *LCD Function Display*
- *Talk Confirmation Tone*
- *Call/Ring Button*
- *Auto Battery Saver Circuity*
- *Auto Squelch*
- *10 Memory Locations*
- *Memory Scan*
- *Dual Watch*
- *Channel and CTCSS Scan*
- *Lock Key*
- *Call Notification*
- *Belt Clip*
- *Rubberized Cabinet Grips*

Battery Installation

Note

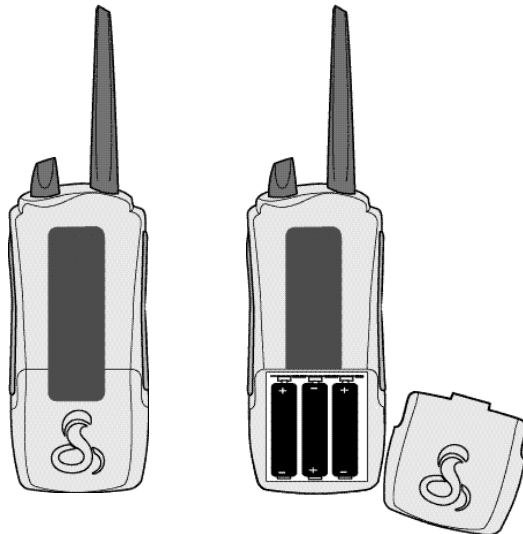*Use high quality "AA" batteries, such as alkaline, NiMH or Ni-Cad.*

Incorrect positioning can damage both the batteries and the unit.

See Accessories on page 45. Charge ports are located on side of unit.

Note

When batteries are low or need charging the (▮▮▮▮) BATT LOW indicator will blink. Replace alkaline batteries.
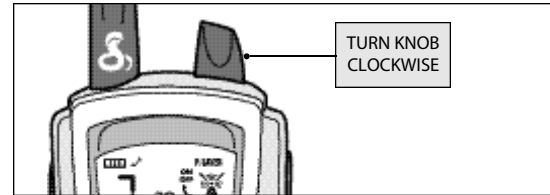
Install Batteries

🔋 *Pull* lock tab down and lift door up (towards you) to remove battery cover.

🔋 *Insert* six "AA" batteries. Position batteries according to polarity markings.

Turning On Your microtalk Professional

TURN KNOB CLOCKWISE

Turn the Volume control clockwise to switch power on. Set volume to desired level. Turn the Volume control counter-clockwise to turn power off.

Antenna
The radio is equipped with a SMA female antenna connector and a matching UHF antenna. Place top of unit with antenna on connector, turning clockwise until tight. You can replace this antenna with an optional mobile antenna when using the radio inside a car, or a base antenna in a fixed location.
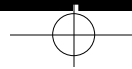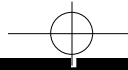
PLACE ON CONNECTOR. TURN CLOCKWISE

Turning On Your microTalk Professional

Note

Whenever the unit is on, you can receive communications.

Antenna

Illuminating
the Display

Illuminating the Display
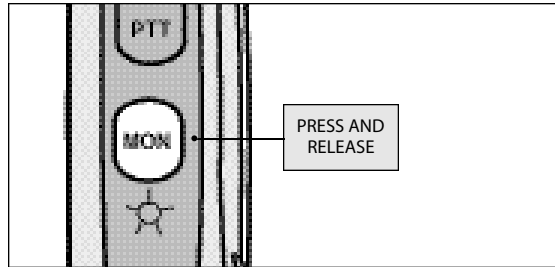
Press and release MON MON Button to illuminate display for ten seconds.

Auto Battery Power Saver

Your microTalk Professional has a unique circuit designed to extend battery life. If there are no transmissions within 10 seconds, the unit will automatically switch to P. SAVER mode.
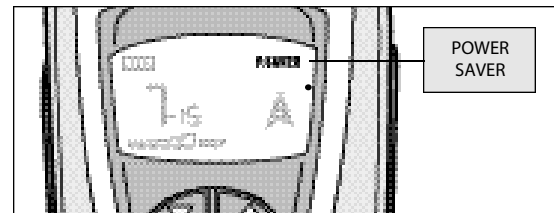
The P. SAVER icon will flash.

High/Low Power Switch

When in close proximity to other party, or during clear weather conditions you can switch from High to Low Power to extend battery life.
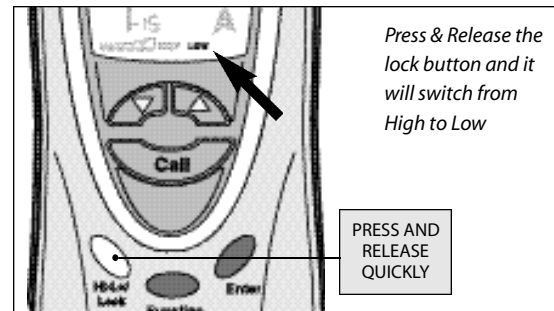
Press & Release the lock button and it will switch from High to Low

Auto Battery
Power Saver

Note

The Auto Battery Save Circuit does not effect the unit's ability to receive incoming transmissions.

High/Low
Power Switch

Operation

Operation

Select Channels

Note

Units must be on same channel and subchannels to communicate.

Note

Press and hold ▽△ Channel up or down Buttons for fast channel advance.

Select Channels (1-15)

Channels 1-7 are shared with FRS radios.

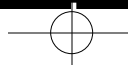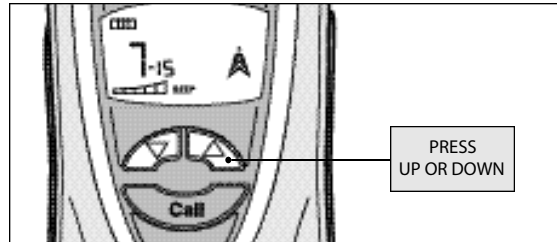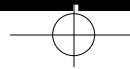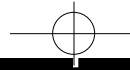▪ Turn on microTalk Professional. An audible "tone" will indicate the unit is on and the LCD will self-test for 3 seconds and then go to Operational Mode.

PRESS
UP OR DOWN

▪ *Select* channel by pressing and releasing the ▽△ Channel button up or down.

Select CTCSS Subchannel (00-38)

The CTCSS (Continuous Tone Controlled Squelch System) is a great convenience when you are in an area with many radios. It acts like a gate to transmissions from other radios. Once your radio is set to a CTCSS code, you will only hear trans-missions from other radios on the same channel and the same CTCSS code.

▪ Turn on the microTalk Professional. An audible "tone" will indicate the unit is on and then the LCD will self-test for 3 seconds and then go to Operational Mode.

PRESS
UP OR DOWN

▪ *Select* main channel by pressing the ▽△ Channel button up or down.

Select CTCSS Subchannel

Note

CTCSS (Continuous Tone Controlled Squelch System) is an advanced subcoding system that allows segmentation of a main channel.
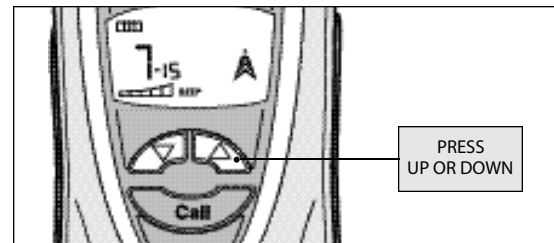
Note

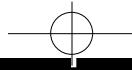*If you push and hold the Mode Button, the LCD display will cycle through the different functions.*
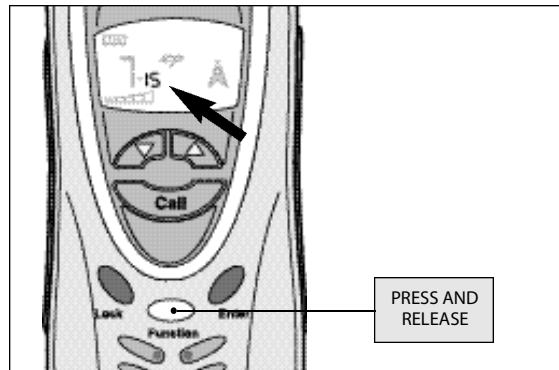
continued

Operation

Select CTCSS Subchannel

Note

Press and hold Channel Button up or down for fast channel advance.

Select CTCSS Subchannel

PRESS AND RELEASE

🔘 *Press and release* ■ Function Button. Small numbers flash next to channel display on LCD.
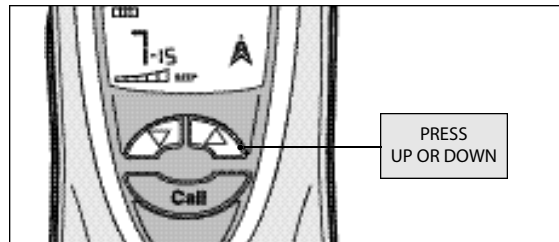
PRESS UP OR DOWN

🔘 *Select* subchannel number by pressing and releasing the ◁▷ Channel Button up or down.
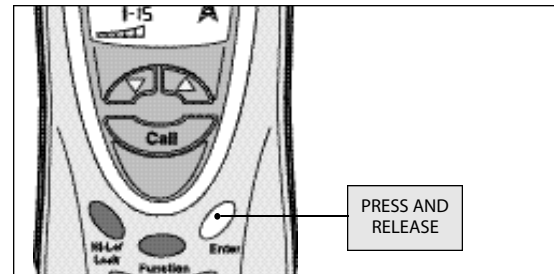
PRESS AND RELEASE

🔘 When desired subchannel is displayed *press and release* ■ Enter Button. If key audible tone is on, an audible tone will confirm your selection.

Battery Low

When in normal use the (▮▮▮) icon may begin flashing. This is a warning to you that your batteries are getting low.

Replace alkaline batteries as soon as possible.

Battery Low

Note

When battery capacity is at the 1/4 level it is recommended that you replace alkaline batteries, or recharge (if you are using RECHARGEABLE batteries) using CA-45C charger adapter.
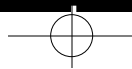
Operation

Operation

Talking to Another Party

Note

While PTT Button is depressed you cannot receive incoming calls.

Note

When you release the PTT Button,the person you are talking to will hear a tone indicating that it's ok to talk. See Talk Confirmation Tone section on page 11.
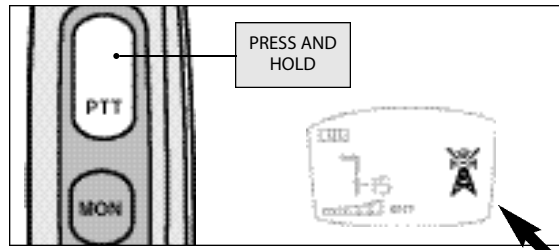
PRESS AND HOLD

🔲 *Press and hold* PTT Button. The (📡) icon will appear.
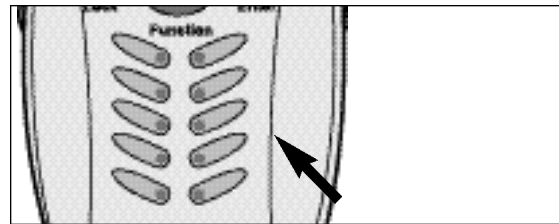
🔲 Hold mic about 2 inches from mouth. Speak in a normal voice.

RELEASE FOR RESPONSE
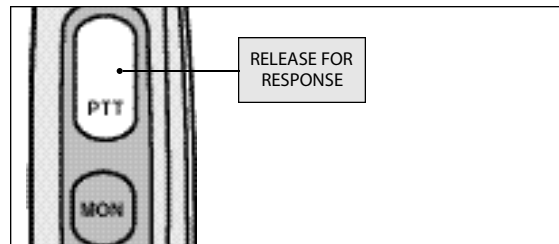
🔲 *Release* PTT Button and listen for response.
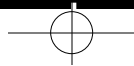
Talk Confirmation Tone

Your listener will hear an audible tone when you release the PTT Button.

This alerts the other party that you are finished talking and it's OK for them to begin talking.

Talk Confirmation Tone

Standby Mode

When finished talking, 🔲 *Release* PTT Button to receive incoming transmissions.

Your microTalk Professional is always in the standby mode when the PTT Button is not pressed and you are not in function mode. See Advanced Features section on page 16.

Standby Mode

Calling
Another
Party

Calling Another Party

To alert another party that you wish to communicate:
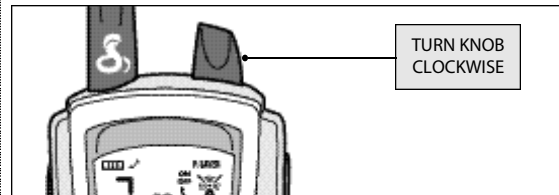
TURN KNOB CLOCKWISE

■ *Turn on* your microTalk Professional 2-way radio. An audible "tone" will indicate the unit is on. The LCD will self-test for 3 seconds and then to operational mode.
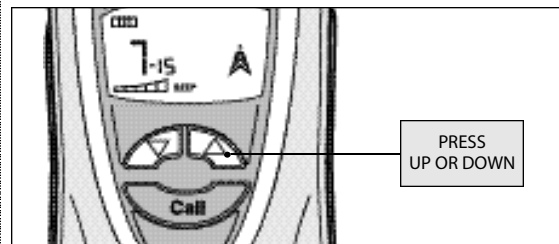
PRESS UP OR DOWN

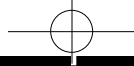■ *Select* desired channel by pressing and releasing Channel Button up or down. Both the calling and receiving units must be on same channel and subchannel for the call function to work.
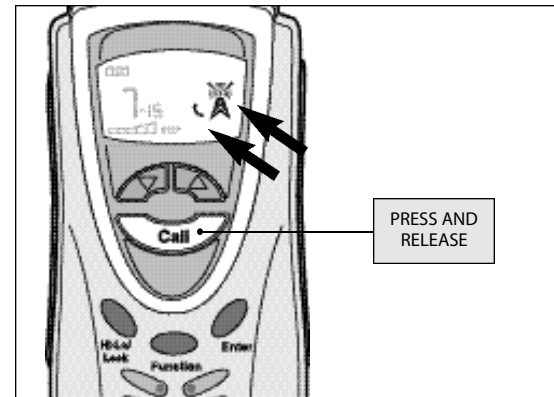
PRESS AND RELEASE
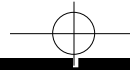
■ *Press and release* Call Button. The ( ) indicator icon will flash and the ( ) icon will remain on for 3 seconds. The unit you are calling will hear a 2 second ring tone.

■ Your microTalk Professional is always in the standby mode when the PTT Button is not depressed.

Note
Your incoming "Call" audio ringing level is dependent on your unit's volume setting.

Operation

External Microphone/Speaker Jack

Auto Squelch

Auto Squelch

Your microTalk Professional is equipped with Auto Squelch, which automatically shuts off weak transmissions and unwanted noise due to terrain conditions or if you have reached your range limit.

Maximum
Range
Extender

Maximum Range Extender

Auto squelch can be temporarily removed to allow all signals to enter (Maximum Range Extender).

PRESS AND HOLD
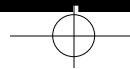
Note

To learn more about the range of your microTalk Professional, see page 37.

Range is dependent on battery condition and geographic territory.
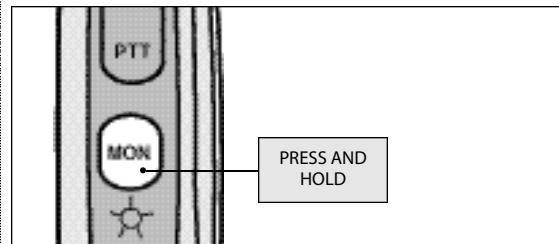
🔲 *Press and hold* 🔲 *Button to allow all signals to enter.*

Auto Monitor

Auto Monitor

When the signal you want to hear is consistently weak, you may place the radio in Maximum Range mode without having to constantly hold the button: Press and hold the 🔲 Button for five seconds. You will hear an audible beep confirmation. To return to normal operation, momentarily press the 🔲 Button again or change channels.

External Microphone/Speaker Jack

Your microTalk Professional 2-Way Radio can be fitted with a variety of accessories, (not included) freeing your hands for other tasks.

To attach an external microphone/speaker accessory:

PLUG IN HERE
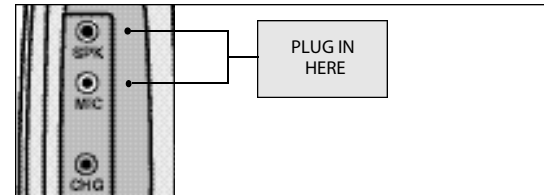
🔲 Insert plug into 🔲 **SPK/MIC** hole on side of unit.

External
Microphone/
Speaker Jack

Note

External microphone/speaker (item #FA-SM) is not included with this unit. See Accessories Section on page 45.
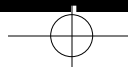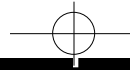
Listening to
Weather
Channels

Listening to Weather Channels

🔲 *Turn on* your microTalk Professional 2 -way radio. An audible "tone" will indicate the unit is on. The LCD will go through a 3 second self test and then go to operational mode.
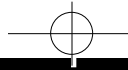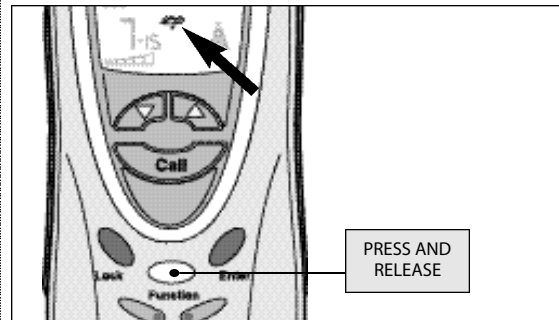

PRESS AND
RELEASE

🔲 *Press and release* 🔲 Function Button until weather icon appears. The last weather channel tuned will be displayed.

🔲 *Press* 🔲 Channel Button up or down to select the appropriate channels for your area.

PRESS AND
RELEASE
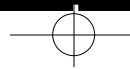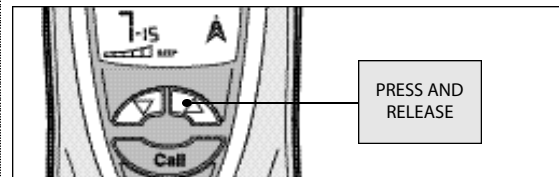
🔲 To exit weather reception,press the 🔲 Enter Button. The radio will go to the last channel and CTCSS sub-channel.

PRESS AND
RELEASE
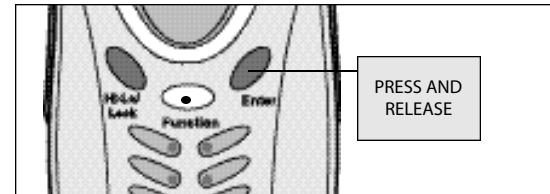
Listening to
Weather
Channels
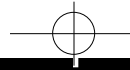
Advanced Features

Advanced Features

Turning Weather Alert ON or OFF

Turning Weather Alert ON or OFF

▶ *Press* ▦ Function Button until (🚜) icon flashes.

PRESS AND RELEASE
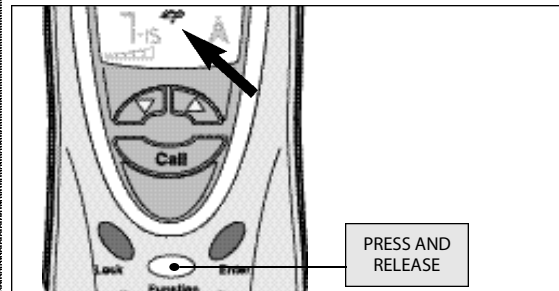
▶ *Push* ◁▷ Channel Button to switch between ON or OFF

▶ Then *press* ▦ Enter to lock in selection. The radio will double beep to confirm.

▶ The (🚜) icon will flash to show it is enabled.

PRESS AND RELEASE
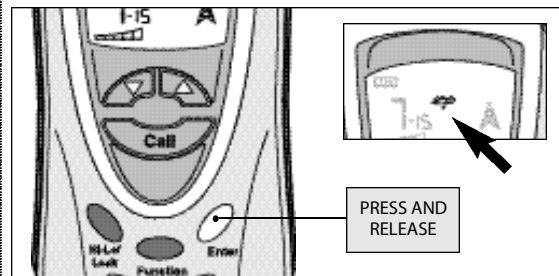
Weather Alert

Weather Alert
A tone alert will be automatic when NOAA activates emergency weather notification.

Advanced Features

Advanced Features
Your microTalk Professional has many advanced features
not found on other 2-way radios.
These include:

- 10 Memory Storage Location and Recall

- Memory Scan

- Dual Watch

- Channel/Sub Channel Scan

- Tone Indicator Settings:

  – Key Stroke Tone

  – Talk Confirmation Tone

- Lock Key

continued
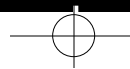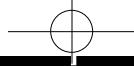
Advanced Features

Advanced Features

Programming
Memory
Locations

Programming Memory Locations

Your microTalk Professional has 10 memory (0-9) locations for storing your most frequently used channels.

🔲 Turn on microTalk Professional. An audible "tone" will indicate the unit is on and then the LCD will go through a 3 second self-test and then go to Operational Mode.


PRESS AND
RELEASE
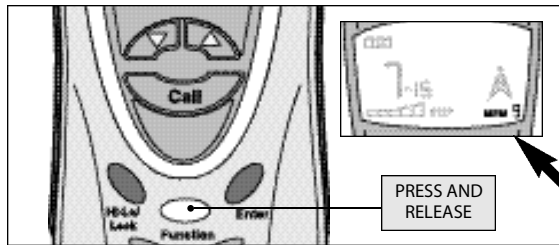
🔲 *Press and release* ⬛ Function Button until (MEM) icon and a memory location flashes.
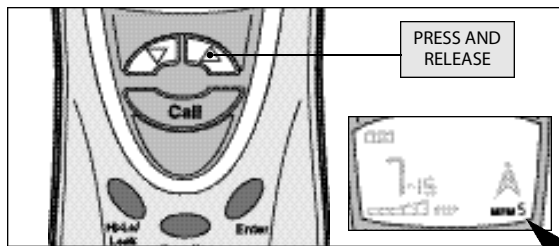
PRESS AND
RELEASE

🔲 *Select* memory location you wish to change by *pressing* ◁▷ Channel Button up or down.

Programming Memory Locations *continued*

PRESS AND
RELEASE

🔲 *Press and release* ⬛ Function Button again. Main Channel and (MEM) Icon will flash.

PRESS AND
RELEASE
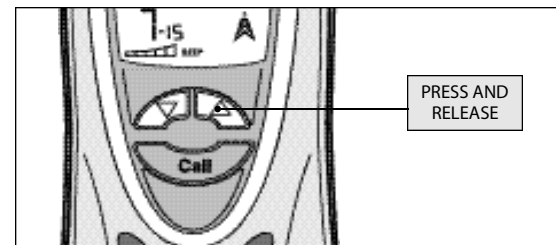
🔲 *Select* desired main channel you wish to store (1-15) by *pressing* ◁▷ Channel Button up or down.

Programming
Memory
Locations

Note
Once you enter memory mode you can talk and listen to any channel you select after programming is complete. See Using Memory Locations section on page 24.

Programming Memory Locations

Note

Press and hold the Up/ Down channel button for fast channel advance.

PRESS AND RELEASE
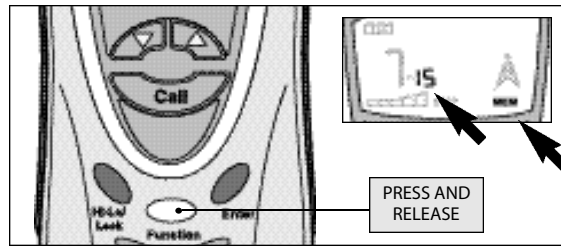
🔘 *Press* the ▪️ Function button to set the main channel in memory and move to subchannel selection. The subchannel begins flashing. The (**MEM**) icon will remain flashing.

PRESS AND RELEASE

Note

You can push and hold the Talk Button to begin talking anytime.
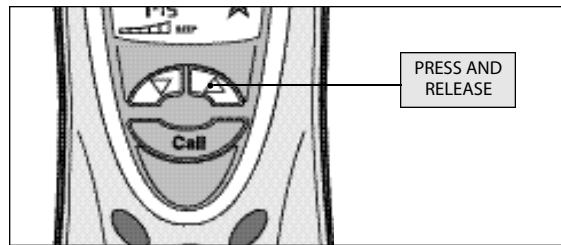
🔘 *Select* desired subchannel you wish to store (00-38) by *pushing* ◁▷ Channel Button up or down.

Programming Memory Locations *continued*

Your microTalk Professional will stay in the sub-channel section until you:

🔘 *Press and release* ▪️ Enter Button to return to Operational Mode.

or...

🔘 *Press and release* ▪️ Function Button to proceed to next Function Mode (Scan).

Programming Memory Locations

Note

If you push and hold the Function Button, the LCD display will cycle through the different functions.
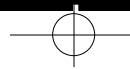
Advanced Features

Memory Channel Recall/Talk

To recall a channel in memory:
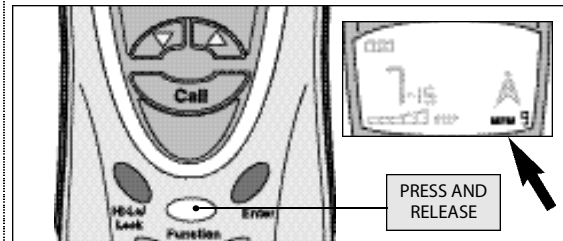
PRESS AND RELEASE

1 *Press and release* ▦ Function Button until (MEM) icon and a memory location flashes.

PRESS AND RELEASE
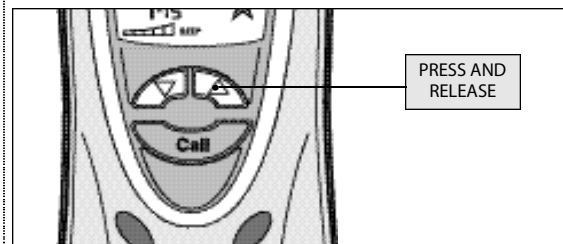
2 *Select* desired memory location you wish to recall (0-9) by *pushing* the ▽△ Channel button.

Using Memory Locations *continued*
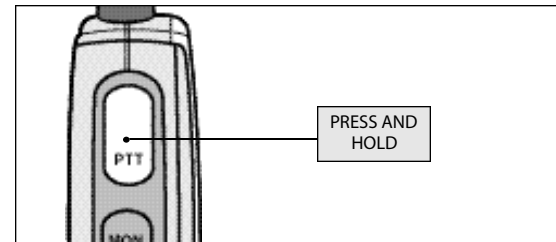
PRESS AND HOLD

3 *Press and hold* ▯ PTT button and talk. Your radio will stay on this recalled location until you exit out of memory function mode.

4 *Repeat* step 2 for recalling other memory locations.

To exit the Memory Mode and return to Operational Mode:
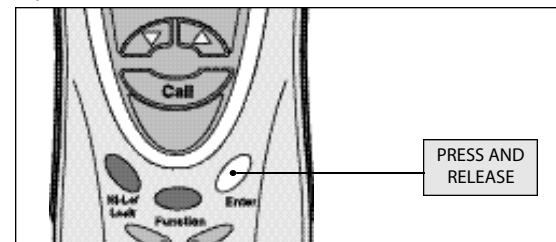
PRESS AND RELEASE

5 *Press and release* ▦ Enter button.
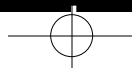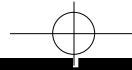
Advanced Features

Advanced Features

Scan Function

🔋 Turn on microTalk Professional. An audible "tone" will indicate the unit is on and then the LCD will go through a 3 second self-test and then go to Operational Mode.

Note
The microTalk Professional "zeros out" the subchannels to allow scanning of the main channels.
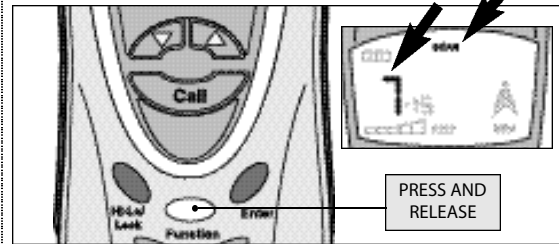
PRESS AND RELEASE

🔋 *Press and release* ▦ Function button until (**SCAN**) icon and Main Channel flashes.

Scan Function *continued*
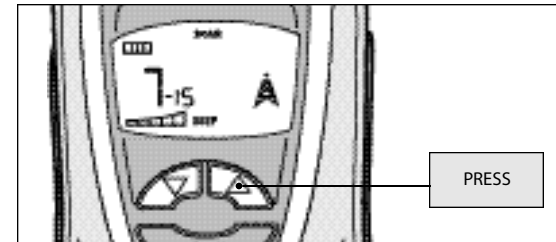
PRESS

🔋 *Press* ◁▷ Channel button and the unit will begin scanning the main channels.

🔋 Unit will continue to scan all main channels and stop if an incoming transmission is detected.

Your microTalk Professional will pick it up for 10 seconds. Within 10 seconds you can:

🔋 *Press and hold* ▯ Talk button and talk. Your radio will return to operational mode on that channel.

or...

🔋 *Press* ◁▷ Channel button to rescan the main channel.

or...

🔋 Proceed to subchannel scan on next page.
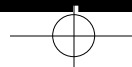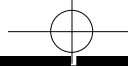
Advanced Features

Advanced Features

Note

If you wish to proceed to the next function mode, push and release Function Button. (Memory Scan).

To scan subchannels:
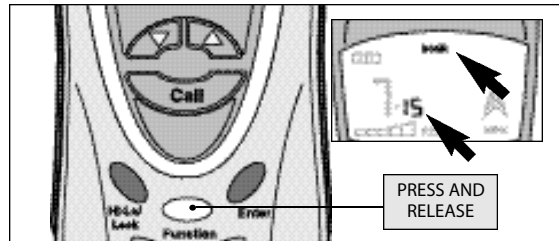
PRESS AND RELEASE

🔋 *Press and release* ▣ Function Button and subchannel and scan icon will flash.
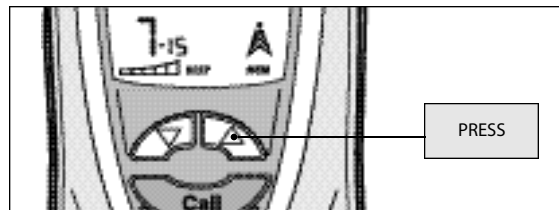
PRESS

🔋 *Press and release* ◁▷ Channel button and subchannel scanning begins and stops when an incoming transmission is detected.

Your microTalk Professional will pick it up for 10 seconds. Within 10 seconds you can:

🔋 *Press and hold* Talk Button and talk. Your radio will return to operational mode on that channel.

or, **To exit the Scan Mode and return to Operational Mode,** *press and release* ▣ Enter Button.
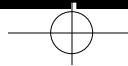
Memory Scan Function

Memory Scan conveniently allows you to access frequently used channel and sub-channel combinations.

🔋 *Turn on* your microTalk Professional 2- way radio. An audible "tone" will indicate the unit is on. The LCD will go through a 3 second self test and then go to operational mode.
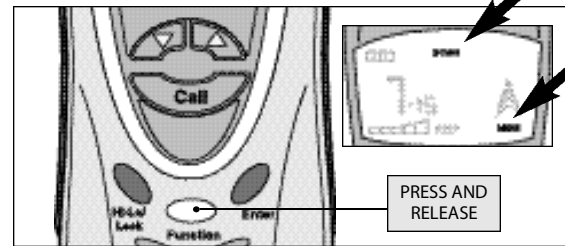
PRESS AND RELEASE

🔋 *Press and release* ▣ Function Button until **MEM** and **SCAN** icons flash.
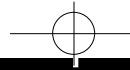
Memory Scan Function

Memory Scan Function *continued*

PRESS AND RELEASE
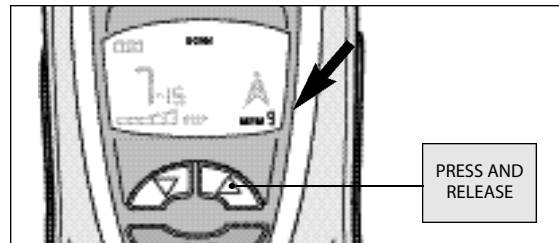
- *Press* ▽△ Channel button to begin the scan mode.

- The radio will stop at the first memory location for 1/2 second.

  • If no signal is detected it will move on.

  • If a signal is detected, it will stay at that location for 10 seconds. If you want to stay at that location for more than 10 seconds, *press and release* the PTT button.

Button Tone

PRESS AND HOLD
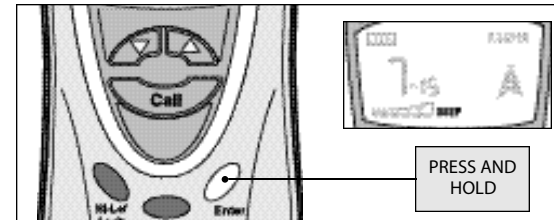
- To activate *press* ▧ Enter Button until confirmation beep and (BEEP) icon appears.

- To deactivate *press* ▧ Enter Button until confirmation beep and (BEEP) icon disappears.

Talk Confirmation Tone Indicator ♪

To temporarily eliminate the Talk Confirmation Tone:

PRESS AND RELEASE
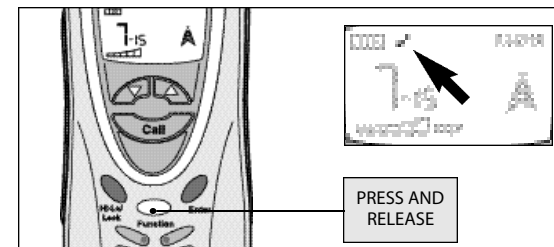
- *Press* ▧ Function Button until ♪ flashes.

Button Tone Settings

Note

When pressing the radio button, the user will now hear an audible tone.
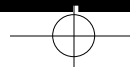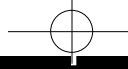
Advanced Features

Advanced Features

PRESS AND
RELEASE
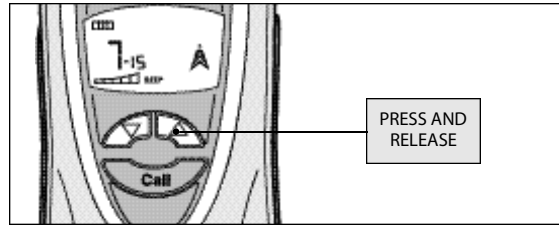
◉ *Press* Channel Button up or down to turn on or off.

To set option:

◉ *Press* Enter Button. This will immediately enter new setting and return to operational mode.

◉ *Press* Function Button. This will enter new setting and go to new Function Mode;

◉ Wait 10 seconds. It will go to Operational Mode with new setting.

Lock Function

The purpose of the Lock Function is to lock most buttons to avoid accidental operation.

To engage the Lock Function:
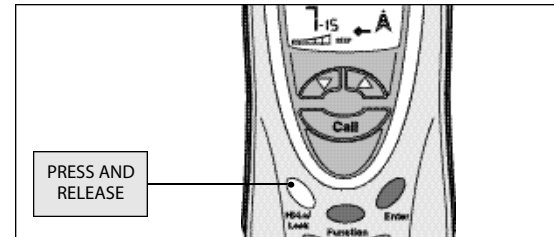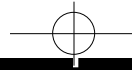
PRESS AND
RELEASE

◉ *Press and hold for one second* Lock Button. If the Beep Function is ON you will hear an audible confirmation. Most buttons are locked.

◉ To "unlock" *press and hold for one second* Lock Button again. If the Beep Function is ON you will hear an audible confirmation. Buttons are "unlocked."

Lock Function

Note
Call Button, MON Button and PTT Button **do not lock and are fully operational** *while the unit is locked.*

The unit cannot lock while in Function Mode.
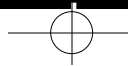
Advanced Features

Advanced Features

Dual Watch Function

Dual Watch allows you to simult
ously monitor any two preselect
Family Radio Service channels.

- Turn on your microTalk
Professional 2-way radio. An
audible "tone" will indicate th
unit is on. The LCD will go
through a 3 second self test
then go to operational mod

- Select first channel and CTC
code which you desire to Du
Watch. (please see page 6)
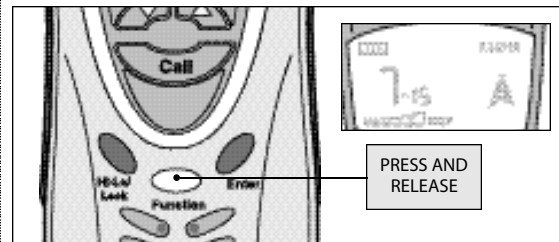
PRESS AND
RELEASE

- *Press and release* Function Button
until DW icon flashes.

- *Press* Channel Button up and down to select
second channel.
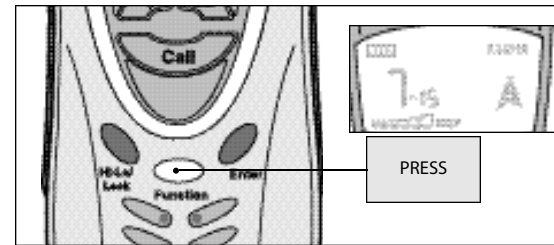
PRESS

- *Press* Function Button to set CTCSS.
CTCSS channel numbers will flash.

- *Press* Channel Button up and down
to select CTCSS.
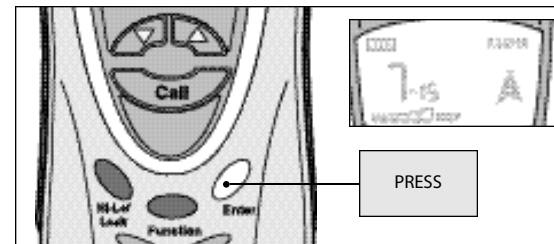
PRESS

- *Press* Enter Button. This will store the second
channel and CTCSS and start Dual Watch.

- To terminate Dual Watch and go to Normal
Mode, *press* Enter or PTT Button.
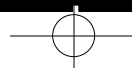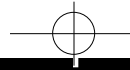
Advanced Features

microTalk Professional Range

Dual Watch Function

Dual Watch Function

PRESS AND RELEASE
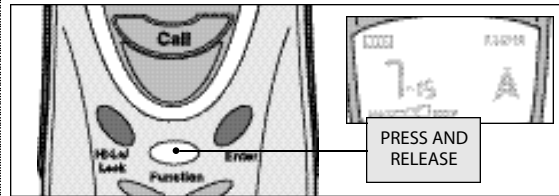
🔘 To enter Dual Watch when the second channel and CTCSS are already stored, *press* the 🔲 Function Button until **DW** icon flashes.
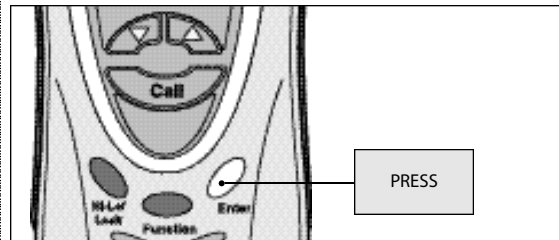
PRESS

🔘 *Press* 🔲 Enter Button. Dual watch will begin.

🔘 *Press* 🔲 Enter or PTT Button to exit Dual Watch Mode.

microTalk Professional Range

Your microTalk Professional Radio has a range up to 5 miles in GMRS. This effective range can be shortened under some conditions.
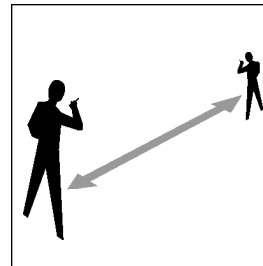
Under flat, open conditions you will experience the microTalk Professional's maximum range.

Range can be reduced by buildings and foliage in the path of the signal.

Range will be further reduced by dense foliage and hilly terrain.

microTalk Professional Range

Note
To achieve maximum range the auto squelch can be overridden. Refer to Maximum Range Extender section on page 14.
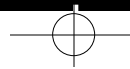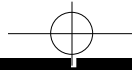
Making Life Easier and Safer

Making Life Easier and Safer

microTalk
Professional
2-Way Radios
Can Make
Your Life
Easier and
Safer

microTalk Professional 2-Way Radio Can Make Your Life Easier and Safer

As you become familiar with your microTalk Professional Radio you will find many of your own uses for the unit. Some suggestions include:
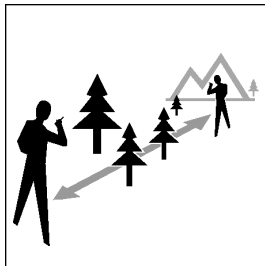
Talking with fellow hikers.
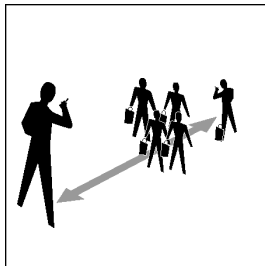
Keeping track of the kids in a shopping mall.
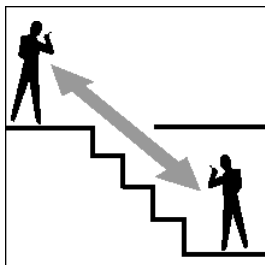
Communicating between basement and first, second or third floor.
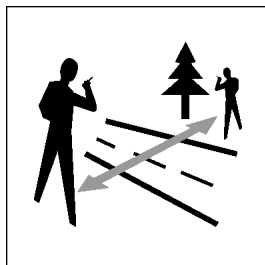
Talking to a neighbor or a friend.
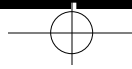
microTalk Professional 2-Way Radio Can Make Your Life Easier and Safer
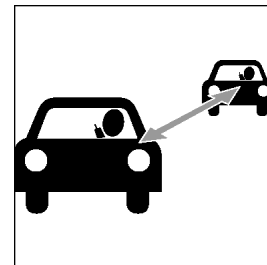
Checking on traveling companions in another car.
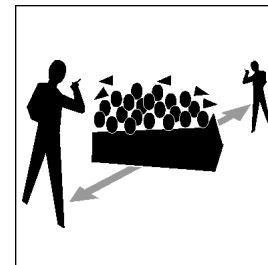
Agree on a meeting spot after an event.

microTalk
Professional
2-Way Radios
Can Make
Your Life
Easier and
Safer
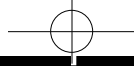
Frequency Range

Frequency Range

Frequency Ranges

The microTalk Professional unit represents one of the most advanced FM two-way radios available.

CTCSS Channel	Frequency	CTCSS Channel	Frequency
01	67.0 Hz	21	136.5 Hz
02	71.9 Hz	22	141.3 Hz
03	74.4 Hz	23	146.2 Hz
04	77.0 Hz	24	151.4 Hz
05	79.7 Hz	25	156.7 Hz
06	82.5 Hz	26	162.2 Hz
07	85.4 Hz	27	167.9 Hz
08	88.5 Hz	28	173.8 Hz
09	91.5 Hz	29	179.9 Hz
10	94.8 Hz	30	186.2 Hz
11	97.4 Hz	31	192.8 Hz
12	100.0 Hz	32	203.5 Hz
13	103.5 Hz	33	210.7 Hz
14	107.2 Hz	34	218.1 Hz
15	110.9 Hz	35	225.7 Hz
16	114.8 Hz	36	233.6 Hz
17	118.8 Hz	37	241.8 Hz
18	123.0 Hz	38	250.3 Hz
19	127.3 Hz		
20	131.8 Hz		

GMRS Channel	Channel Frequency In MHz	(Channels 1-7 shared with FRS)
1	462.5625	
2	462.5875	
3	462.6125	
4	462.6375	
5	462.6625	
6	462.6875	
7	462.7125	
8	462.5750	
9	462.6250	
10	462.6750	
11	462.5500	
12	462.6000	
13	462.6500	
14	462.7000	
15	462.7250	
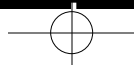
Caring for Your Professional
micro Radio

Caring for Your microTalk Professional Radio

Note

Modifying or tampering with the radio's internal components can cause malfunction and will invalidate the warranty. If your radio is not performing as it should, please call Cobra at 773.889.3087. Do not return the unit to the retailer.

Caring for Your microTalk Professional Radio

The microTalk Professional 2-Way Radio will give you years of service if cared for properly.

Here are some suggestions:

◆ Handle unit gently.
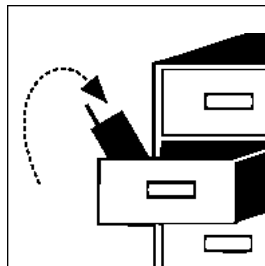
◆ Keep away from dust.

◆ Never place the unit in water or in a moist place.
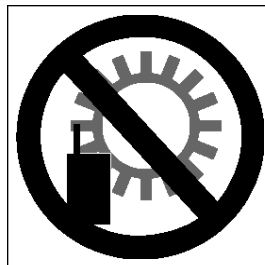
◆ Avoid exposure to extreme temperatures.

I.GENERAL SPECIFICATIONS

B. RECEIVER

		UNIT	
1.	SENSITIVITY		
	FOR 12 DB SINAD	uV	0.25
	FOR CALL SIG.DETECTION	uV	0.2
2.	MAX. AUDIO OUTPUT @5% THD	MW	500
3.	MAX.S/N RATIO @ 1mV RF INPUT	DB	45
4.	SQUELCH		
	a) SENS.	uV	0.2
	b) ATTACK TIME	mS	120
	c) CLOSING TIME	mS	200
5.	AUDIO FREQUENCY RESP.		
	@ 300 HZ	DB	-8
	@ 2500 HZ	DB	-6
6.	SIGNAL DISPLACEMENT BW	+/-KHZ	6
7.	ADJACENT CH.REJECTION	DB	60
8.	INTERMODULATION REJECTION	DB	65
9.	SPURIOUS RESPONSE REJECTION	DB	65

C.TRANSMITTER

		UNIT	
1.	TRANSMITTERS OUTPUT POWER	High (2.3 W)	Low (500mW)
2.	CARRIER FREQ.STABILIT Y	+/-ppm	3.5
3.	MODULATION LIMITING	KHZ	4.0
4.	CARRIER ATTACK TIME	mS	80
5.	AUDIO FREQUENCY RESPONSE		
	@ 300 HZ	DB	-10
	@ 2500 HZ	DB	+4
6.	AUDIO DISTORTION	%	3
7.	HUM and NOISE	DB	-40
8.	TRANSIENT FREQ.BEHAVIOR		
	a) TX ON	mS	30
	b) TX OFF	mS	5

D. POWER SUPPLY

1.	BATTERY LIFE (1:1:18 RATIO)	HR	20
2.	BATTERY (6 x AA)	V	
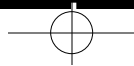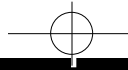
Limited Two Year Warranty

Cobra Electronics Corporation

6500 West Cortland Street
Chicago, Illinois 60707

COBRA ELECTRONICS CORPORATION warrants that its COBRA Radios, and the component parts thereof, will be free of defects in workmanship and materials for a period of two (2) years 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 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.

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.

Optional Accessories

Batteries
212-001-N-001 $3.95 each

Charger Adapter
CA-45C $10.00

Cigarette Lighter
420-030-N-002 $10.00

Ear Bud Microphone
Miniature microphone and earbud for private listening.
MA-EBM $29.95

Lapel Speaker/ Microphone
Remote speaker/microphone combination.
MA-SM $24.95
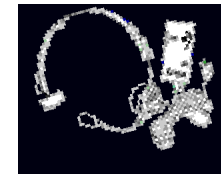
Vox Headset/ Mic
VOX (Voice Operated Transmitter) provides hands-free operation.
MA-VOX $49.95

You Can Find These Fine Accessories At Your Local Cobra Dealer
If you wish, you can order directly from Cobra.

Order by phone
Call 1.773.889.3087
(Press 1 from the main menu) 8 a.m.-6 p.m. M-F CST.

Order by mail or fax
Please fill out order form on next page, and mail/fax directly
to Cobra.
Order over the Web:www.cobraelectronics.com
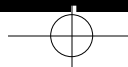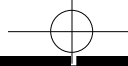
Accessory Order Form

Notes

Item #	Description	Cost Ea.	Qty.	Amount
212-001-N-001	Batteries	$3.95 each		
CA-45C	Charger Adapter	$10.00		
420-030-N-002	Cigarette Lighter	$10.00		
MA-EBM	Ear Bud Microphone	$29.95		
MA-SM	Lapel Speaker/Microphone	$24.95		
MA-VOX	Vox Headset/Mic	$49.95		

Prices subject to change without notice.

Tax Table
Illinois residents add 7%
Cook Co. residents add .75% (7.75% total)
Chicago residents add 1% (8.75% total)

Indiana residents add 5%
Michigan residents add 4 %
Ohio residents add 6%
Wisconsin residents add 5%

Subtotal _____
(Tax if applicable) _____
Shipping/handling _____
Total _____

Shipping & Handling

Amount of Order	Shipping/ Handling
$25.00 and under	$4.75
$25.01–$40.00	$6.95
$40.01–$80.00	$9.25
$80.01–$120.00	$10.25
$120.01–$160.00	$11.75
$160.01 and up	$14.50

For AK,HI and PR please add an additional $15.00 for UPS shipments.

For credit card orders fill out order form and fax to: 1.773.622.2269 or call 1.773.889.3087 (Press 1 from the main menu) 8:00 am - 6:00 pm, M-F, CST.

Make check or money order (no stamps) payable to:
Cobra Electronics
Accessories Dept.
6500 West Cortland St. Chicago, IL 60707

Please print clearly

Name _____

Address (No P.O. Box) _____

City _____ State _____

Zip _____

Telephone (___)_____

Credit Card No. _____ Exp. Date _____

Customer Signature _____

Circle One: Visa   MasterCard   Discover

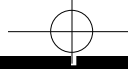*Allow 4 to 6 weeks for delivery. Offer valid in Continental U.S. only.*

The Cobra line of quality products also includes:

- **Citizens Band Radios**
- **High Gear™ Accessories**
- **Radar Detectors**
- **SafetyAlert™ Traffic Warning Systems**
- **Family Radio Service (FRS) 2- Way Radios**

Nothing comes close to a Cobra™

Professional

Cobra Electronics Corporation
6500 West Cortland Street
Chicago, IL 60707

If You Think You Need Service

For technical assistance, please call our Automated Help Desk which can assist

you by answering the most frequently asked questions about Cobra products.

(773) 889-3087
24 hours a day, 7 days a week.
A Consumer Service Representative can be reached through this same number
8:00 am - 6:00 pm, Monday through Friday, CST.
Technical assistance is also available on-line in the Frequently Asked Questions (FAQ)
section at www.cobraelectronics.com or by e-mail to productinfo@cobraelectronics.com

If you think you need service call 1.773.889.3087

"If your product should require factory service please call Cobra first before sending your unit in. This will ensure the fastest turn-around time on your repair."

You may be asked to send your unit to the Cobra factory. It will be necessary to furnish the following in order 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 or 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 unit. Include a typed or clearly print name and address of where the unit is to be returned.

4. Pack unit 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 W. Cortland St., Chicago, IL 60707.

6. If the unit is in warranty, upon receipt of your unit it will either be repaired or exchanged depending on the model. Please allow approximately 3 to 4 weeks before contacting us for status. If the unit 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 1.773.889.3087 for assistance.
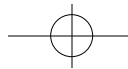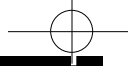
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Part No. 480-294-P-001

Operating Instructions for your
Cobra microTALK™ Professional
2 Way Radio

PR 2000WX

"Ingenious Products for Easier Communication."

microTALK Long-Range Professional Radio
Important Information

FCC Licensing Information

The PR 2000WX Professional radio operates on General Mobile Radio Service (GMRS) frequencies which require a Federal Communication Commission (FCC) license. GMRS frequencies have been allocated by the FCC for recreational use such as;skiing, hiking, camping, etc.

For licensing information and application forms, please call the FCC Hotline at

1-800-418-FORM

(You need form #574)

If you have any questions regarding the license application you can contact the FCC direct at **1-888-CALL-FCC.**

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.
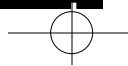
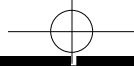### Included with your microTalk Professional
1 Belt Clip

1

A1

Controls and Indicators

1. Detachable UHF Antenna
2. Microphone Jack
3. Speaker Jack
4. Charger Jack
5. External DC Jack
6. On/Off Power/Volume Knob
7. LCD Display Panel
8. Speaker
9. Battery Compartment
10. Talk Button
11. Monitor/LCD Display Light Button
12. Channel Select Button
13. Call Button
14. Hi/Lo Lock Key
15. Function Key
16. Enter Key
17. Belt Clip
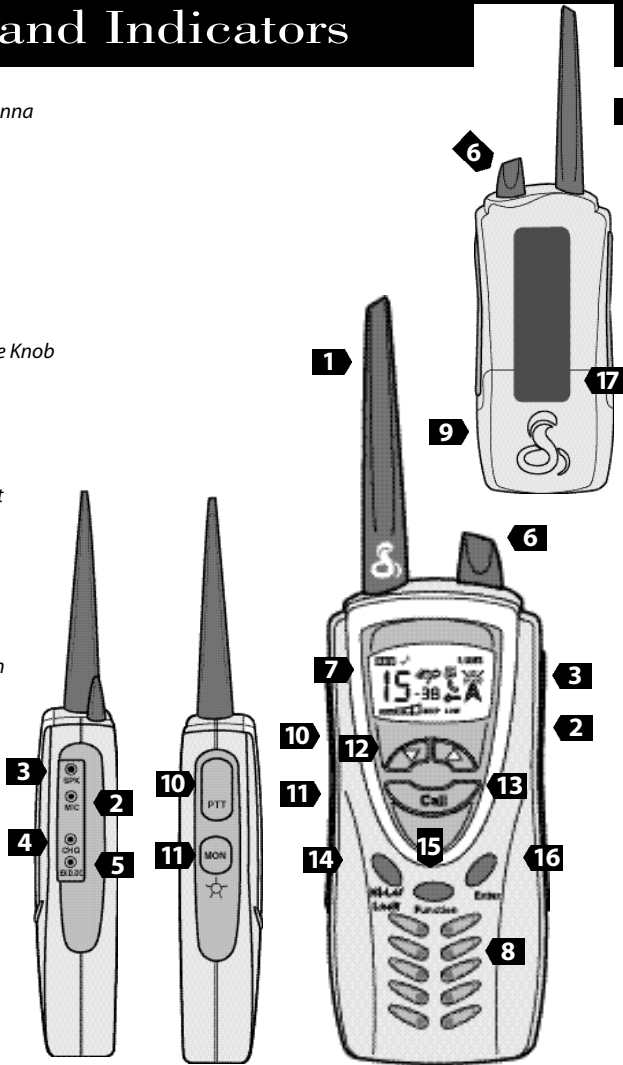
Thank you for purchasing this Cobra microTalk Professional 2-way Radio. Properly used, this Cobra product will give you many years of reliable service.

Customer Support

Should you encounter any problems with the product or not understand its many features, please refer to this owner's manual. If, after referring to the manual, you still need help, call Cobra Customer Service at 773.889.3087.

Cobra Customer Service

Live operators are available M-F 8:00 am - 6:00 pm CST at: 773.889.3087

Automated Technical Assistance available 24 hours a day, seven days a week.E-mail questions to: productinfo@ cobraelectronics.com

Cobra on the World Wide Web: Frequently Asked Questions (FAQ) can be found on-line at: www.cobraelectronics.com

This device complies with part 15 of the FCC rules. Operation is subject to the condition that this device does not cause harmful interference.