FRS315WX MANUAL.qx 12/5/00 11:17 Page 1

How to Use Your Cobra

(1)

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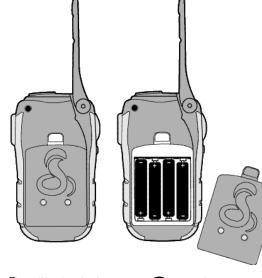
his Product

Battery Installation

Note Batteries not included with microTalk 2-way radio.



Install Batteries



Pull lock tab down and lift door up (towards you) to remove battery cover. Insert four "AAA" batteries. Position batteries according to polarity markings.

Operation

Note

Always use high quality alkaline or NiMH batteries.

Incorrect positioning can damage both the batteries and the unit.

Only the Cobra NiMH battery (Part # FA-BP) pack can be recharged.

See Accessories on page 50. Charge ports for recharging NiMH (Nickel Metal Hydride) battery pack are located on back of unit.

Note

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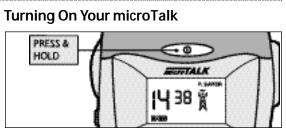
When batteries are low or need charging the (**DAT**) BATT LOW indicator will blink. Replace alkaline batteries or recharge NiMH battery pack.

Turning On Your microTalk

Note

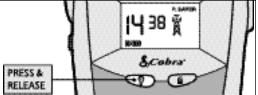
Whenever the unit is on you can receive communications.

Illuminating the Display



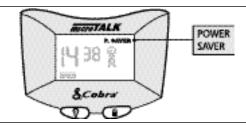
Press and hold the Over Button for two seconds. An audible "tone" will indicate the unit is on, and the LCD will go on.

Illuminating the Display



Auto Battery Power Saver

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



The P. SAVER icon will flash.

Operation

Auto Battery Power Saver

Note

5

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

Select Main Channel

Note

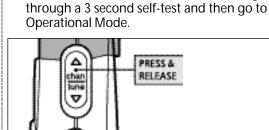
Units must be on same channel and subchannels to communicate.

Note

Channels 8-12 generally are less used and give better results for communications in most areas.

Note

Push and hold Channel up or down Buttons for fast channel advance.

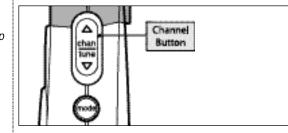


Turn on microTalk. An audible "tone" will indi-

cate the unit is on and then the LCD will go

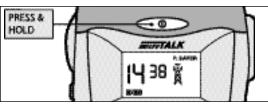
Select Main Channel (1-14)

Select channel by moving the Channel Button up or down.

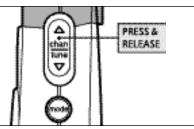


Select CTCSS Subchannel (00-38)

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 transmissions from other radios on the same channel and the same CTCSS code.



Turn on the microTalk. 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.



Select main channel by moving the Channel Button up or down.

Operation

Select CTCSS Subchannel

Note

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

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

Note

(7)

Note

To return to operational mode and not save your last setting push and release Talk Button.

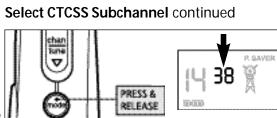
continued

Select CTCSS Subchannel

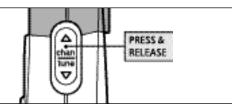
Note

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

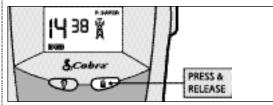
8



• Press and release Hode Button. Small numbers flash next to channel display on LCD.

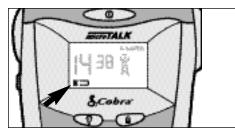


Select subchannel number by moving the Channel Button up or down.



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

Battery Low



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

Replace alkaline batteries as soon as possible or recharge NiMH battery pack.

Operation

Battery Low

Note

When battery capacity is at the 1/4 level it is recommended that you replace alkaline batteries or recharge your NiMH (Nickel Metal Hydride) battery pack.

Only the Cobra NiMH battery (Part # FA-BP) pack can be recharged.

Note

NiMH rechargeable battery Pack (item #FA-BP) and desktop charger (item #FA-CR) are not included with this unit. See Accessories section on page 50.

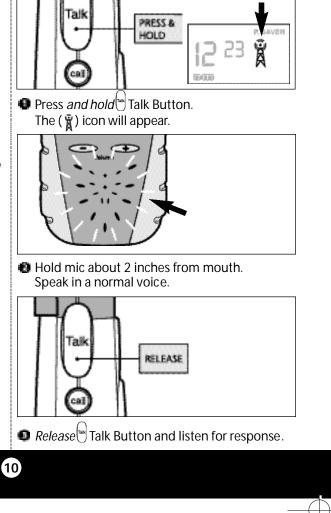
Talking to Another Party

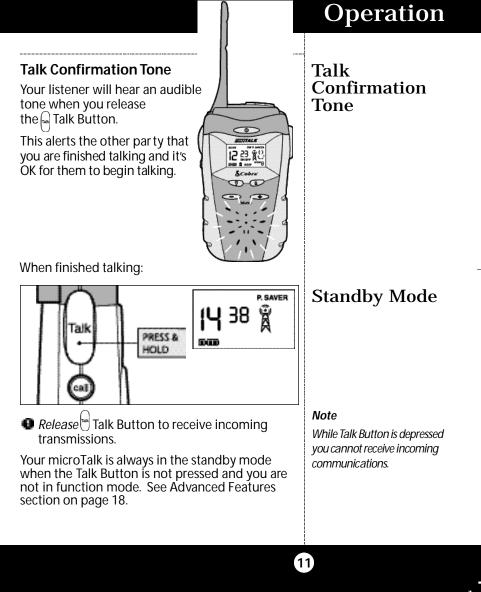
Note

While Talk Button is depressed you cannot receive incoming calls.

Note

When you release the Talk 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 13.

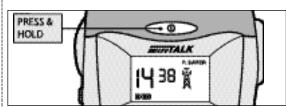




Calling Another Party

Calling Another Party

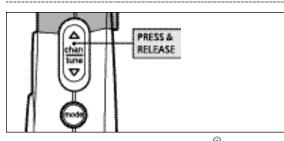
To alert another party that you wish to communicate:



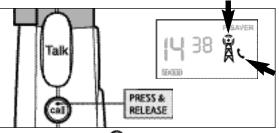
- Turn on your microTALK 2-way radio. An audible "tone" will indicate the unit is on. The LCD will go through a 3 second self test and then to operational mode.
- Place antenna in full upright position.

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Select desired channel by moving 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 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 is always in the standby mode when the Talk Button is not depressed.

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

Operation

Auto Squelch

Maximum

Extender

Range

Auto Squelch

Your microTALK 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.

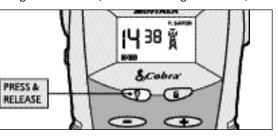
Maximum Range Extender

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

Note

To learn more about the range of your microTALK, see page 42. Range is dependent on battery condition and geographic territory.

Auto Monitor



Press and hold LIGHT/MAX RANGE Button to allow all signals to enter.

Auto Monitor

14

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 Maximum Range Extender Button for five seconds. You will hear an audible beep confirmation. To return to normal operation, momentarily press the Maximum Range Extender Button again or change channels.

Listening to Weather Channels

- Turn on your microTalk 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 operational mode.
- Place antenna in full upright position.



15

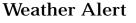
PRESS & RELEASE

Press and release Mode Button until weather icon i

Operation

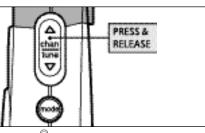
Listening to Weather Channels

Listening to Weather Channels



Turning Weather Alert On/Off

Listening to Weather Channels



- Press Channel Button up or down to select the appropriate channels for your area. There are ten weather channels to choose from,(0-9)
- To exit weather reception, press the Mode or Talk Button. The radio will go to the last FRS channel and CTCSS sub-channel.

Weather Alert

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A tone alert will be automatically activated when NOAA activates emergency weather notification.

To turn Weather Alert on/off:

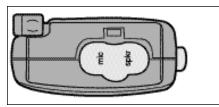
- Press OMODE until Weather Alert Icon flashes .
- Pressing Channel Button up or down will turn Weather Alert On or Off.
- Once you've selected On or Off, press Lock Button to confirm.

External Microphone/Speaker Jack

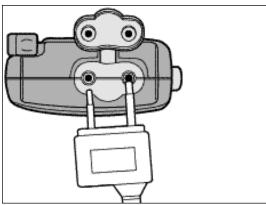
External Microphone/Speaker Jack

Your microTalk 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:



Open Mic/Spkr tab on top of unit.



Insert plug into the Mic/Spkr jacks.

External Microphone/ Speaker Jack

Note

(17)

External microphone/ speaker (item #FA-SM) is not included with this unit. See Accessories Section on page 50.

-(

Advanced Features

Programming

Memory

Locations

Advanced **Features**

Advanced Features

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

10 Memory Storage Location and Recall

When using or programming

functions, pushing and releasing the Mode Button or the Lock Button will save all entered information.

Note

Note

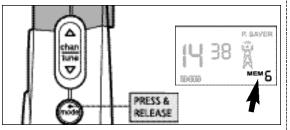
To exit out of function mode and return to operational mode without saving entered information simply press the Lock Button.

- Memory Scan Channel/Sub Channel Scan
- Private Call[®] (Voice Scramble)
- Dual Watch
- Ring/Vibrate Notification Modes
- Tone Indicator Settings
 - Key Stroke Tone
 - Talk Confirmation Tone
- Lock Key
- Dual Watch

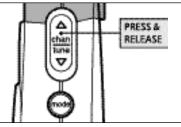
Programming Memory Locations

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

Turn on microTalk. 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 😔 Mode Button until (MER) icon and a memory location flashes.



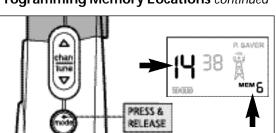
Select memory location you wish to change by pressing Channel Button up or down.

20

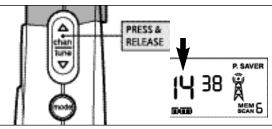
Programming Memory Locations continued

Note

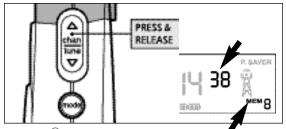
Once you enter memory mode you can talk and listen to any channel you select after programming is complete. See Using Memory Locations section on page 23.



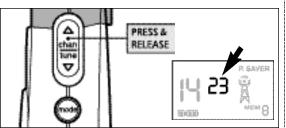
Press and release Mode Button again. I' Main Channel and (MERN) Icon will flash.



Select desired main channel you wish to store (1-14) by pressing Channel Button up or down.



Presse Channel Button up or down to set the main channel in memory and moves to subchannel selection. The subchannel begins flashing. The (MEN) icon will remain flashing.



 Select desired subchannel you wish to store (00-38) by pushing Channel Button up or down.

Advanced Features

Programming Memory Locations

Note

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

Note

(21)

You can push and hold the Talk Button to begin talking anytime.

-

Advanced Features

Programming Memory Locations

Note

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

Programming Memory Locations continued

After selecting your Memory Channel and Main/Sub Channels, for immediate entry press Talk Button.

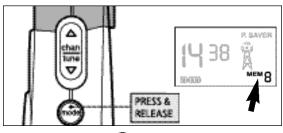
or...

After selecting you Memory Channel and Main/Sub Channel,DONOT press any buttons for 10 seconds and your unit will automatically set the Memory and Main/Sub Channels. It will then go to the NEW channel.

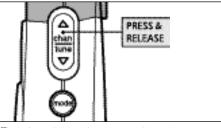
- Press and release Lock Button to return to Operational Mode original Main Channel.
 - or...
- Press and release Mode Button to proceed to next Function Mode (Scan).

Memory Channel Recall/Talk

To recall a channel in memory:



Press and release Mode Button until (MEN) icon and a memory location flashes.



Select desired memory location you wish to recall (0-9) by pushing Channel Button up or down. Using Memory Locations

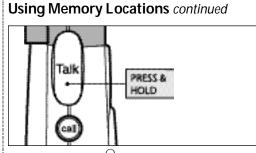
continued

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Using Memory Locations

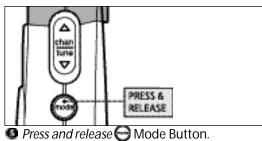
Note

If Mode Button is pushed while listening/talking, programming will begin. See Programming Memory Locations on page 22.

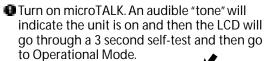


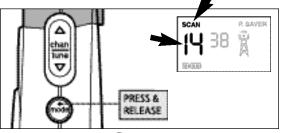
- Press and hold Talk Button and talk. Your radio will stay on this recalled location until you exit out of memory function mode.
- Repeat step 2 for recalling other memory locations.

To exit the Memory Mode and return to Operational Mode:



Scan Function





Press and release Hode Button until (SCAN) icon and I' Main Channel flashes.

Scan Function

Note

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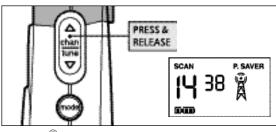
Advanced Features

The microTALK "zeros out" the subchannels to allow scanning of the main channels.

continued

Scan Function

Scan Function continued



- Press Channel Button up or down 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 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...

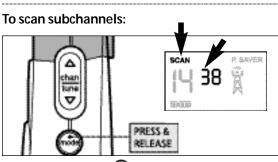
Press Channel Button up or down to rescan the main channel.

or...

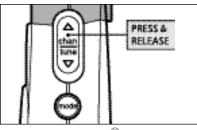
26

Proceed to subchannel scan on next page.





Press and release Mode Button and subchannel and scan icon will flash.



Press and release Channel Button up or down and subchannel scanning begins and stops when an incoming transmission is detected.

continued

Advanced Features

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

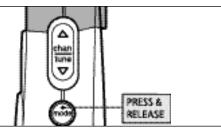
- Press and hold Talk Button and talk. Your radio will return to operational mode on that channel. or...

If you wish to proceed to the next function mode, push and release Mode Button. (Private Call Voice Scramble).

Note

Press Channel Button up or down to rescan the main channel.

To exit the Scan Mode and return to Operational Mode:



Press and release Mode Button.

Memory Scan Function

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

- Turn on your microTALK 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.
- Place antenna in full upright position.



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PRESS & RELEASE

Press and release
 Mode Button until

MEM/SCAN icon flashes.

P. SAVER

SCAN 6

Memory Scan Function

continued

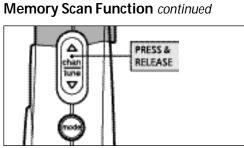
28

30

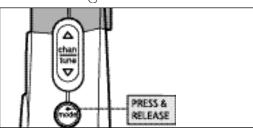
Memory Scan Function

Note

When you push and hold the Talk Button, the unit will exit out to operational mode. If after 10 seconds no selection is made, the unit will return to operational mode.



- Press Channel Button up or down 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, p*ress* and release Talk Button.



To leave Memory Scan, press and release the Mode or Talk Button at any time.

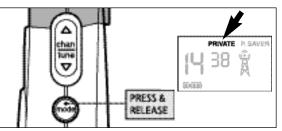
Advanced Features

Private Call (Voice Scrambling)

Private Call ensures that no one can eavesdrop on your conversation.

To engage the Private Call function:

Turn on microTalk. 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
 Mode Button until
 (PRIVATE) icon flashes.

Private Call (Voice Scrambling)

continued

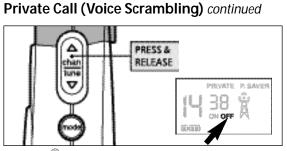
Advanced Features

Private Call (Voice Scrambling)

Note

When you push and hold the Talk Button, the unit exits out to operational mode.

If, after 10 seconds no selection is made, the unit will return to operational mode.

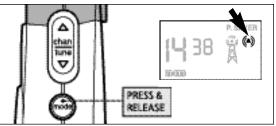


Press Channel Button up or down to turn private call ON or OFF. To confirm status press Lock button.

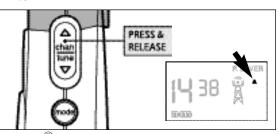
Ringer/Vibrate Modes

Your microTALK will signal you that there is an incoming transmission with either a tone or a vibration or both. To set for Ringer/Vibrate:

Turn on microTALK. 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 Hode Button until
 icon flashes.



Press Channel Button up and down until icon appears for Ringer Only Mode.

Ringer/Vibrate Modes

continued

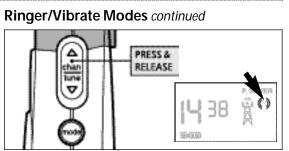
34

Ringer/Vibrate Modes

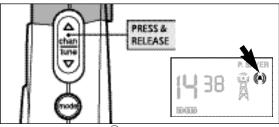
Note

When you push and hold the Talk Button, the unit exits out to operational mode.

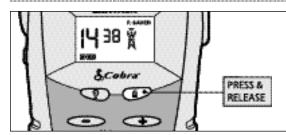
If, after 10 seconds no selection is made, the unit will return to operational mode.



Press and release Channel Button up and down again. () icon appears for Vibrator Only Mode.



Press and release Channel Button up and down again and both (A) icons will be displayed for Ringer and Vibrate Mode.



After selecting the mode you desire *push and release* C Lock Button or Mode Button to proceed to next function.

Ringer/Vibrate Test

To test the ringer/vibrate mode:

- Turn on unit.
- Press and hold Lock Button and Call Button simultaneously. Unit will ring, vibrate, or ring/vibrate for 4 seconds.

Advanced Features

Note

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Unit must be in operational mode to test ring/vibrate.

Tone Settings

Advanced Features

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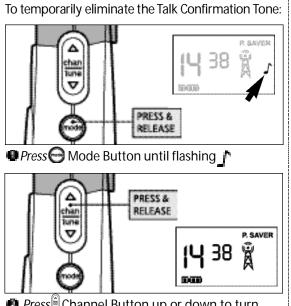
Tone Setting P. SAVER ≏ Ô 38 chan kine Δ BEEP **Mediates** PRESS & RELEASE Press OMODE Button until flashing BEEP ≏ PRESS & chan RELEASE lune Δ

 Press Channel Button up or down to turn On or Off.

To set option:

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- Press Dock Button. This will immediately enter new setting;
- Press Mode Button. This will enter new setting and go to new Function Mode;
- Wait 10 seconds. It will go to Operational Mode with new setting.



Talk Confirmation Tone Indicator

 Press Channel Button up or down to turn On or Off .

To set option:

- Press Dock Button. This will immediately enter new setting;
- Press Mode Button. This will enter new setting and go to new Function Mode;
- Wait 10 seconds. It will go to Operational Mode with new setting.

Advanced Features

Lock Function

Lock Function

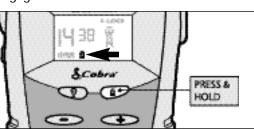
The purpose of the LOCK function is to lock most buttons to avoid accidental operation.

To engage the LOCK function:

Note

Call Button, Range Extender Button and Talk Button do not lock and are full y operational while the unit is locked.

The unit cannot lock while in Function Mode.



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

To "unlock" press and release button again. If the Beep Function is ON you will hear an audible confirmation. Most buttons are locked. Buttons are "unlocked" and g icon disappears.

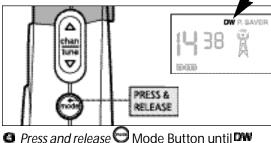


Dual Watch allows you to simultaneously monitor any two preselected Family Radio Service channels.

Select first channel and CTCSS code which you desire to Dual Watch. (please see pages 6 and 7).

S al Contraction of the second second

Dual Watch Function



- Press and release Mode Button until W icon flashes.
- Press Channel Button up and down to select second channel.

Dual Watch Function

-(

Dual Watch Function

39

continued

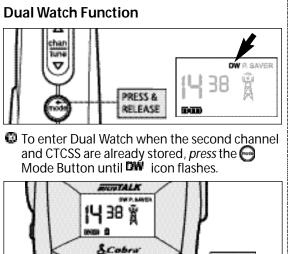
40

Dual Watch

Function

Advanced Features

≏ OW P. SAVER Ŕ chan 38 kine ν PRESS & RELEASE Press Hode Button to set CTCSS. CTCSS channel numbers will flash. Press Channel Button up and down to select CTCSS. WWW TALK 14 38 🖁 waa 8 Scobra PRESS & Press Lock Button. Dual watch will begin. 1 HOLD • Press • Lock Button. This will store the second channel and CTCSS and start Dual Watch. To terminate Dual Watch and go to Normal Mode, press Lock or Talk Buttons.



20-05

PRESS &

HOLD

Press Talk Button to exit Dual Watch Mode.

Talk

PRESS &

41

HOLD

Dual Watch Function

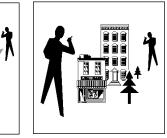
microTalk Range

microTalk Range

microTALK Range

Your microTALK Radio has a range of up to 2 miles. This effective range can be shor tened under some conditions.





Under flat, open conditions you will experience the microTALK's maximum range.



Range will be further reduced by dense

foliage and hilly terrain.

Range can be reduced

by buildings and foliage

in the path of the signal.

To achieve maximum range the auto squelch can be overridden. Refer to Maximum Range Extender section on page 14.

Making Life Easier and Safer

microTALK 2-Way Radio Can Make Life Easier and Safer

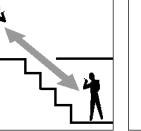
As you become familiar with your microTALK Radio you will find many of your own uses for the unit. Some suggestions include:



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.

43

microTalk 2-Way Radios Can Make Life Easier and Safer

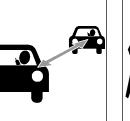
continued

Making Life Easier and Safer

microTalk 2-Way Radios Can Make Life Easier and Safer

Holster-Belt Clip and Desk Stand

microTALK 2-Way Radio Can Make Life **Easier and Safer**



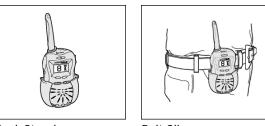


Checking on traveling companions in another car.

Agree on a meeting spot after an event.

Holster/Belt Clip/Desk Stand

Your microTALK Radio comes with a custom molded plastic holster. Its unique dual-function design enables it to act as a handy desktop storage unit, as well as easily attaching to your belt for maximum convenience and portability.



Desk Stand

44



20

131.8 Hz

The microTalk unit represents one of the most advanced FM two-way radios available. Channel Channel FRS Frequency Frequency FRS Channel In MHz Channel In MHz 462.5625 8 467.5625 1 2 462.5875 9 467.5875 3 462.6125 467.6125 10 4 462.6375 467.6375 11 5 462.6625 12 467.6625 6 462.6875 13 467.6875 7 462.7125 14 467.7125 CTCSS CTCSS Frequency Channel Channel Frequency 67.0 Hz 136.5 Hz 01 21 71.9 Hz 22 02 141.3 Hz 03 74.4 Hz 23 146.2 Hz 04 24 77.0 Hz 151.4 Hz 05 79.7 Hz 25 156.7 Hz 06 82.5 Hz 26 162.2 Hz 27 07 167.9 Hz 85.4 Hz 28 08 88.5 Hz 173.8 Hz 29 09 91.5 Hz 179.9 Hz 30 10 94.8 Hz 186.2 Hz 31 11 97.4 Hz 192.8 Hz 32 12 100.0 Hz 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 114.8 Hz 36 233.6 Hz 16 37 17 118.8 Hz 241.8 Hz 18 123.0 Hz 38 250.3 Hz 19 127.3 Hz

Frequency Range

45

Frequency Ranges

46

Frequency Range

Weather
Frequency
Ranges

Weather Channel	Channel Frequency In MHz	Weather Channel	Channel Frequency In MHz
0	163.275	5	162.450
1	162.550	6	162.500
2	162.400	7	162.525
3	162.475	8	161.650
4	162.425	9	161.775

Caring for Your microTALK Radio

Caring for Your microTALK Radio

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

Here are some suggestions:



Keep away from dust.

ľ



Avoid exposure to extreme temperatures.



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.

Handle unit gently.



Never place the unit in water or in a moist place.

mcrotALK Specifications

I.GENERAL SPECIFICATIONS

A.GENERAL

CH=14 CHANNELS WITHIN 462-467 MHZ

B. RECEIVER

	UNIT	
1. SENSITIVITY		
FOR 12 DB SINAD	uV	0.25
FOR CALL SIG.DETECTION	uV	0.2
2. MAX. AUDIO OUTPUT @10% THD	MW	100
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
AUDIO FREQUENCY RESP.		
@ 300 HZ	DB	-6
@ 3000 HZ	DB	-6
6. SIGNAL DISPLACEMENT BW	+/-KHZ	5
7. ADJACENT CH.REJECTION	DB	55
8. INTERMODULATION REJECTION	DB	55
9. SPURIOUS RESPONSE REJECTION	DB	65
C.TRANSMITTER		
O. INANJWITTEN	UNIT	
1. EFFECTIVE RADIATED POWER	mW	500
2. CARRIER FREQ.STABILITY	HZ	500
3 MODULIATION LIMITING	KH7	25

3. IVIODULAI	ION LIMITING	KHZ	2.5		
CARRIER A	TTACK TIME	mS	80		
5. AUDIO FRE	EQUENCY RESPONSE				
@ 300 HZ		DB	-6		
@ 3000 HZ		DB	-6		
6. AUDIO DI	STORTION	%	3		
HUM and I	NOISE	DB	35		
8. TRANSIEN	T FREQ.BEHAVIOR				
a) TX ON		mS	30		
b) TX OFF		mS	5		
D. POWER SUPPLY					
1. BATTERY LI	FE (1:1:18 RATIO)	HR	24		
2. BATTERY (4	x AAA)	V	4.8 - 6.0		

Limited Two Year Warranty

COBRA ELECTRONICS CORPORATION warrants that its COBRA FRS 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 FRS 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.



Cobra Electronics Corporation

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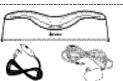
6500 West Cortland Street Chicago, Illinois 60707

Optional Accessories



Miniature microphone and earbud for private listening.

MA-EBM \$29.95



∠ רטו נשפגtop Charger Charges your microTalk Radio and (1) NiMH battery pack



Lapel Speaker/Microphone Remote speaker/microphone combination.

You Can Find These Fine Accessories At Your Local

If you wish, you can order directly from Cobra.

Order by phone

MA-SM

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

50



Vox Headset/Mic VOX (Voice Operated Transmitter) provides hands- free operation. MA-VOX \$49.95



Replacement Belt Clip \$4.95

\$24.95 FA-HR3

Cobra Dealer

A-BP NiMH Rechargeable Battery Pack MA-EBM Ear Bud Microphone MA-VOX Vox Headset/Mic FA-CR 2 Port Desktop Charger MA-SM Lapel Speaker/Microphone FA-HR3 Replacement Belt Clip 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%

Description

Item #

```
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.
Please print clearly
Name____
Address (No P.O. Box)
```

City		State
Telephone (<u>)</u>		
Credit Card No.		Exp. Date
Customer Signat	ure	
Circle One: Visa		

Allow 4 to 6 weeks for deliver y. Offer valid in Continental U.S.only.

Accessory Order Form

	\$29.95			
	\$49.95			
	\$29.95			
	\$24.95			
	\$4.95			
	Subtotal			
(Tax if appli	cable)		Ship
	Shipping/ha	ndling		Amou
-	Total			Order
				\$25.0
				\$25.0
				\$40.0
Maka charl	or monou	ordor (n	(tampa)	\$80.0
Make check or money order (no stamps) payable to: Cobra Electronics			\$120.	
			\$160.	
Accessories Dept. 6500 West Cortland St. Chicago, IL 60707			For	

Cost Ea.

\$29.95

Qty.

Amount

pping & Handling

	Amount of Order	Shipping/ Handling	
J	\$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	

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





The Cobra line of quality products also includes:

- Citizens Band Radios
- MicroTalk[™] Radios Family Radio Service
- High Gear[™] Accessories
- Radar Detectors
- SafetyAlert[™]
 Traffic Warning Systems

Nothing comes close to a Cobra[™]

Cobra

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.
- 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. 480-290-P-001

SCobra microTALK

Operating Instructions for your Scobra® MaroTALK 2 Way Radio with Weather Alert FRS 315 WX



"Ingenious Products for Easier Communication."

The Family Radio Service Story

The Family Radio Service Story

Ever wish you could talk to someone who wasn't within earshot? Like contacting ski partners back at the lodge? Or letting a friend know how to find you in a busy mall? Cobra's microTalk radio is a great way for friends or family to increase their fun–and safety–by staying in touch while on the go.

The FCC (Federal Communications Commission) has created 14 license free frequency bands, or channels, called Family Radio Service (FRS) frequencies. All of these 14 channels are easily accessed on your Cobra FRS radio. These channels are in the UHF (Ultra High Frequency) band which means great penetration through buildings, thick forests, hills, and other dense structures. They are also FM (Frequency Modulation) signals which means crystal clear reception even in crowded noisy environments.

FCC Warnings

A1)

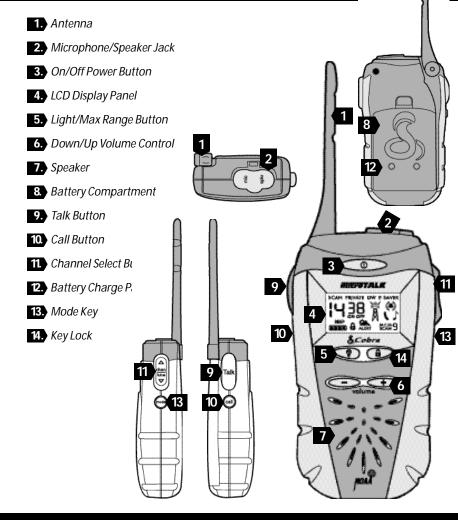
1.

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

Holster/Belt Clip/Desk Stand

Controls and Indicators



Thank you for purchasing this Cobra microTalk 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 - 8:00 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

A3

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

A2