

# How to Use Your Cobra 2-Way Radio

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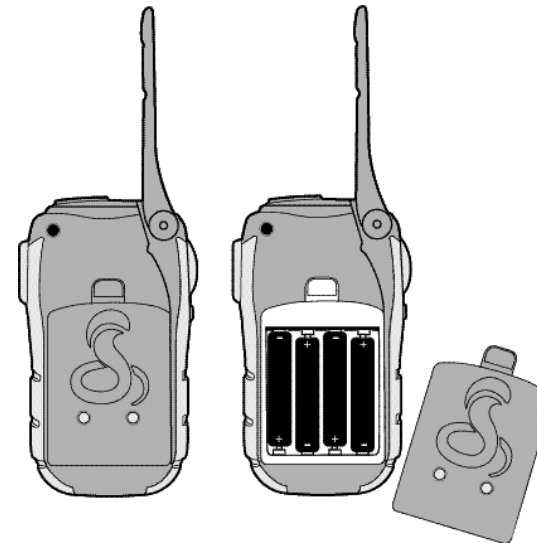
## Features of This Product

- UHF FM Frequencies
- No License Required
- No Air Time Fees
- Up to 2 mile range
- 14 Main Channels
- 38 CTCSS Subchannels
- LCD Function Display
- Talk Confirmation Tone
- Call/Ring Button
- Recharging Pads
- Retractable Antenna
- Auto Battery Saver Circuitry
- Auto Squelch
- 10 Memory Locations
- Full Channel/CTCSS Scan
- Lock Key
- Ring/Vibrate Notification
- Belt Clip
- Water Resistant

## Battery Installation

Note  
Batteries not included with  
microTALK2-way radio.

Install Batteries  
● Clear antenna.



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

● Insert four "AAA" batteries. Position batteries according to polarity markings.

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 ??  
Charge ports for recharging NiMH (Nickel Metal Hydride) battery pack are located on back of unit


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

# Operation

## Turning On Your microTALK

Note  
Whenever the unit is on you can receive communications

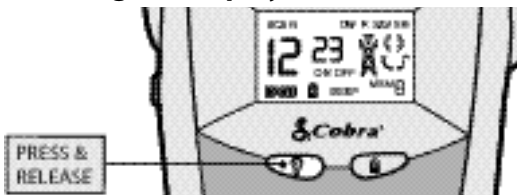
### Turning On Your microTALK

Press and hold  the power button for 2 seconds. 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.



### Illuminating the Display

## Illuminating the Display



- Press and release  LIGHT/MAX RANGE button to illuminate display for ten seconds.

# Operation

## Auto Battery Power Saver

### Auto Battery Power Saver

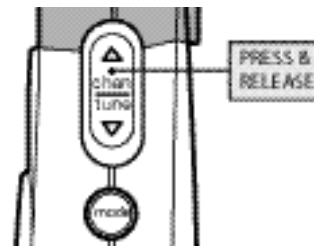
Your microTALK has a unique circuit designed to extend battery life. If there are no transmissions within 10 seconds, the unit will automatically switch to battery Save P. SAVER Mode.



The P. SAVER icon will flash.

### Select Main Channel (1-14)

- 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 channel by moving the Channel Button up or down.

Note  
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 the channel up/down button for fast channel advance.

# Operation

## Select CTCSS Subchannel

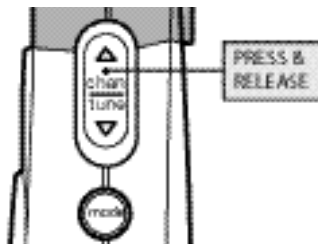
Note  
If you push and hold the Mode Button, the LCD display will cycle through the different functions

Note  
To return to Operational Mode and not save your last setting push and release talk button.

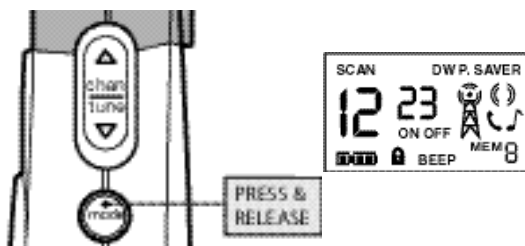
Note  
CTCSS (Coded Tone Controlled Squelch System) is an advanced subcoding system that allows segmentation of a main channel.

Select CTCSS Subchannel (00-38)  
The CTCSS Subchannel allows the user to utilize a less used channel range (00-38) within a main channel.

- 1 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.



- 2 Select main channel by the Channel Button up or down.

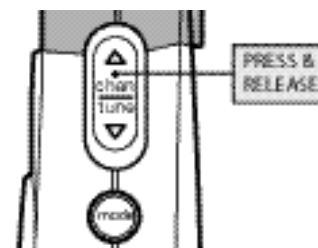


- 3 Push and release Mode Button. Small numbers flash next to channel display on LCD.

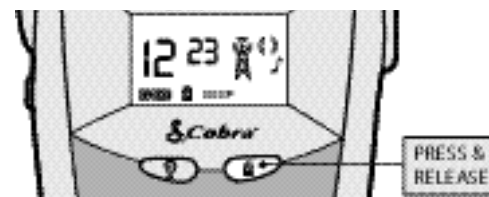
# Operation

## Select CTCSS Subchannel

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



- 4 Select subcode number by moving the Channel Button up or down.



- 5 When desired code is displayed *press* and release Lock Button. If key stroke tone is on, an audible tone will confirm your selection.

# Operation

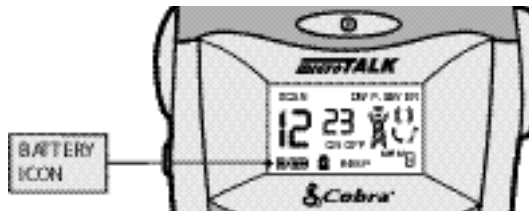
## Battery Low


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 desk top charger (item #A-CR) are not included with this unit. See Accessories section on page 43.

## Battery Low

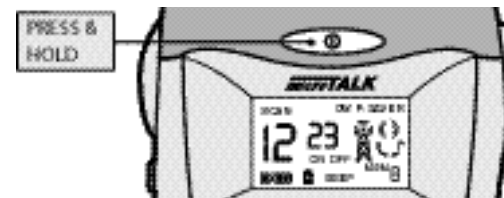


When in normal use the  icon may begin flashing. This is a warning to you that your batteries are getting low.

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

## Calling Another Party

To alert another party that you wish to communicate:



- 1 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.
- 2 Place antenna in full upright position.



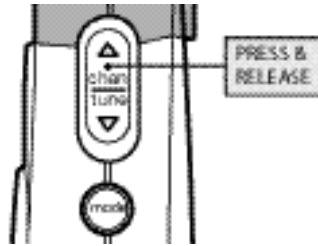
# Operation

## Calling Another Party

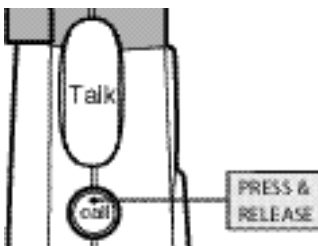
# Operation




## Talking to Another Party


Note  
Your incoming "Call" audio ringing level is dependent on your units volume setting



**1** Select desired channel by moving the Channel Button up and down. Both the calling and receiving units must be on same channel and subchannel for the call function to work.



**2** 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.

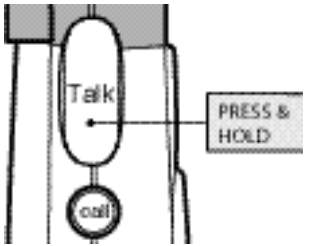
**3** Your microTALK is always in the Standby Mode when the  Talk Button is not depressed.



# Operation

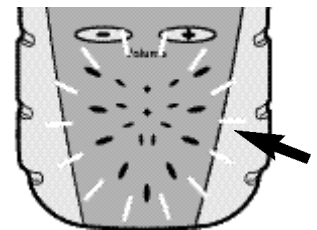
## Talking to Another Party

Note  
While Talk Button is depressed you cannot receive incoming calls

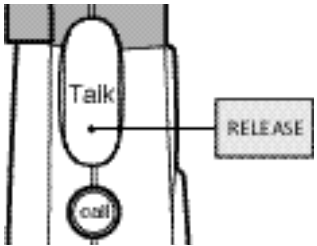
Note  
When you release the Talk Button, the person you are talking to will hear a tone indicating that its ok to talk. See Talk Confirmation Tone section on page 14.




**1** Press and hold  Talk Button. The  icon will appear.




**2** Hold mic about 2 inches from mouth. Speak in a normal voice.



**3** Release  Talk Button and listen for response.

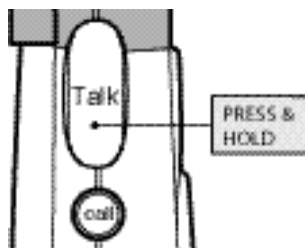
## Operation



### Talk Confirmation Tone

**Talk 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's OK for them to begin talking.

### Standby Mode

**Standby Mode**  
When finished talking:



 Release  Talk Button to receive incoming transmissions.

Your microTALK is always in the Standby Mode when the Talk Button is not pressed and you are not in Function Mode. See Advanced Features section on page 14.

Note  
While Talk Button is depressed you cannot receive incoming communications



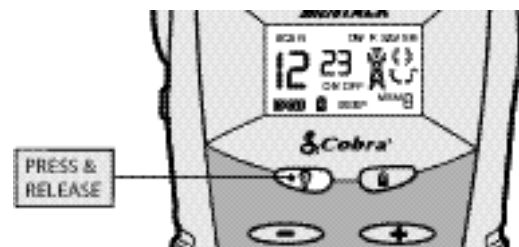
## Operation



### Auto Squelch

**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).



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

### 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 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.

### Maximum Range Extender

**Note**  
To learn more about the range of your microTALK, see page 35.

Range is dependent on battery condition and geographic territory.

### Auto Monitor

# Advanced Features

## Advanced Features

Note  
When using or programming function, pushing and releasing the Mode Button or the Lock Button will save all entered information.

Note  
To exit out of Findion Mode and return to Operational Mode without saving entered information simply press the Press to Talk Button.

### Advanced Features

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

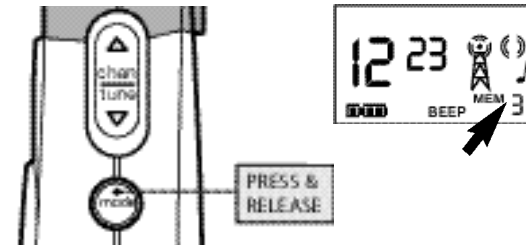
- 10 Memory Storage Location and Recall
- Full Channel/Sub Channel Scan
- Dual Watch
- Ring/Vibrate Notification Modes
- Tone Indicator Settings
  - Key Stroke Tone
  - Talk Confirmation Tone
- Lock Key

# Advanced Features

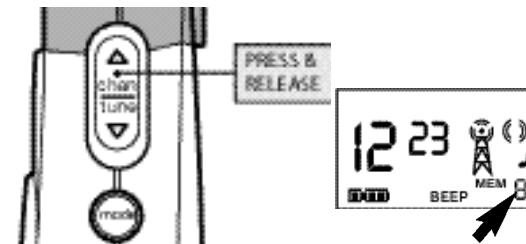
## Programming Memory Locations

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

- 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.



- Push and release Mode Button until MEM icon and a memory location flashes.



- Select memory location you wish to change by pressing the Channel Button up and down

## Programming Memory Locations

continued

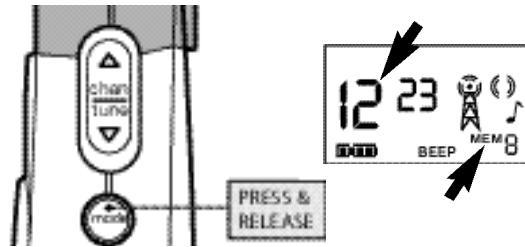


# Advanced Features

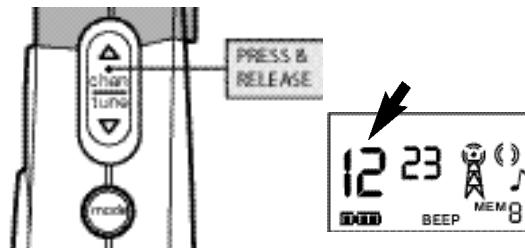
## Programming Memory Locations

Note  
Once you enter Memgr Mode you can talk and listen to any channel you select after programming is complete. See Using Memory Locations section on page 19.

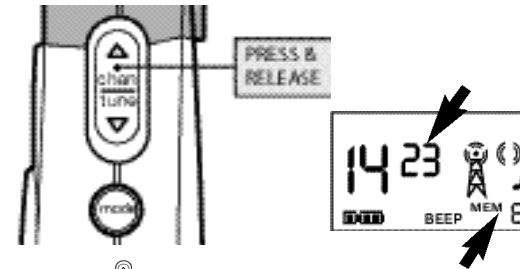
### Programming Memory Locations continued



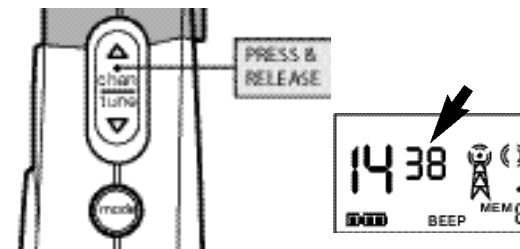
- Press and release Mode Button again. Main Channel and MEM icon will flash.



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



- Push the Channel Button up or down to set the main channel in memory and move to subchannel selection. The subchannel begins flashing. The MEM icon will remain flashing.



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

Note  
Push and hold the Channel Button up and down or fast channel advance.

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




continued

# 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

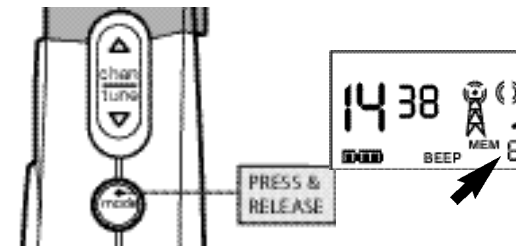
- After selecting your Memory Channel and Main/Sub Channels, for immediate entry press  Talk Button.
- or...
- After selecting you Memory Channel and Main/Sub Channel, DO NOT press any buttons for 10 seconds and your unit will automatically set the Memory and Main/Sub Channels. It will then go to the 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).

# Advanced Features

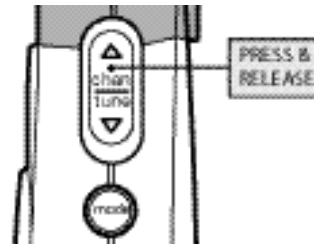
## Using Memory Locations


### Memory Channel Recall/Talk

To recall a channel in memory:



- Press and release  Mode Button until  icon and a memory location flashes.



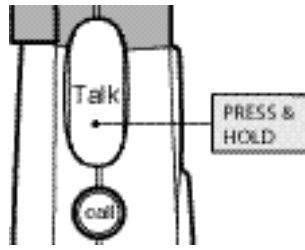
- Select desired memory location you wish to recall (0-9) by pressing the  Channel Button up or down.


continued

# Advanced Features

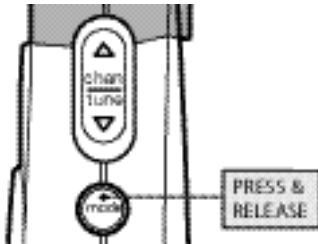
## Using Memory Locations


Note  
If the Mode Button is pushed while listening/talking programming will begin. See Programming Memory Locations on page 15.



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

To exit the Memory Mode and return to Operational Mode:

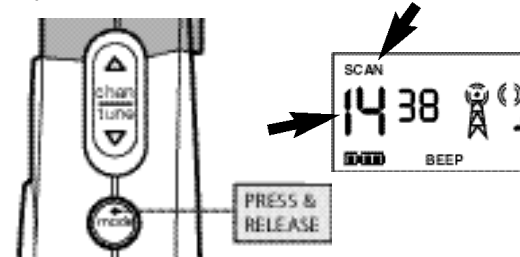


- 3 Press and release  Mode Button.

# Advanced Features

## Scan Function

- 1 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.



- 2 Press and release  Mode Button until **SCAN** icon and main channel flashes.

## Scan Function

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

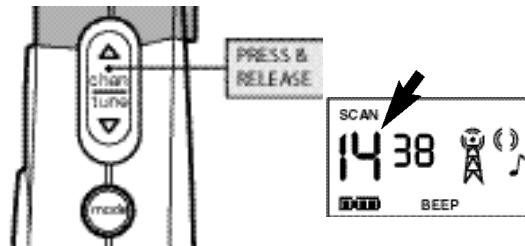
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# Advanced Features

# Advanced Features

## Scan Function

Scan Function continued

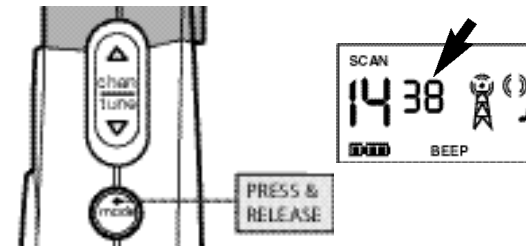


- 1 Press Channel Button up or down and the unit will begin scanning the main channels.
- 2 Unit will continue to scan all main channels and stop, if an incoming transmission is detected.

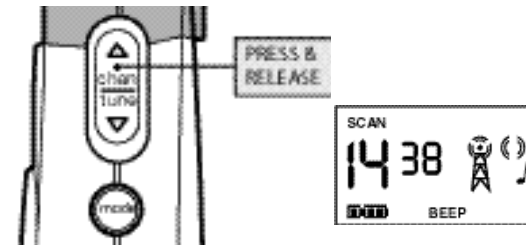
Your microTALK will pick it up for 10 seconds.  
Within 10 seconds you can:

- 1 Press and hold Talk Button and talk. Your radio will return to Operational Mode on that channel.
- or...
- 2 Press and release Channel Button up or down to rescan the main channel.
- or...
- 3 Proceed to subchannel scan on next page.

To scan subchannels:



- 1 Press and release Mode Button and subchannel and **SCAN** Scan Icon will flash.



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

continued



# Advanced Features

## Scan Function

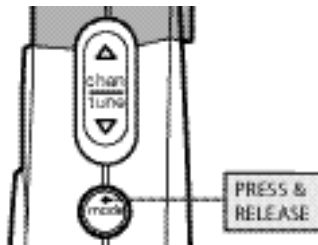
Note  
If you wish to proceed to the next Function Mode, press and release Mode Button.


Scan Function continued

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

- 1 Press and hold  Talk button and talk. Your radio will return to Operational Mode on that channel. or...
- 2 Press and release  Channel Button up or down to rescan the main channel.

To exit the Scan Mode and return to Operational Mode:



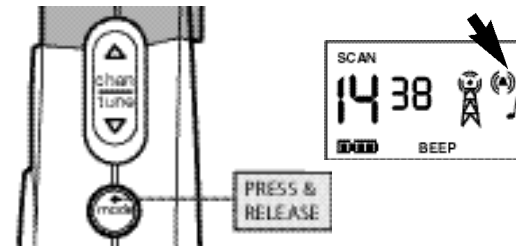
- 1 Press and release  Mode Button.

# Advanced Features

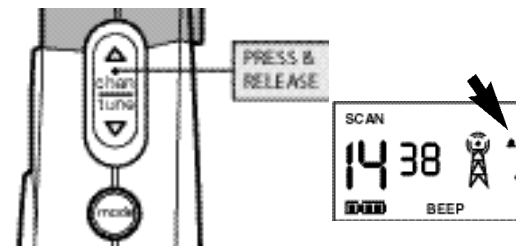
## Ringer/Vibrate Modes

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:

- 1 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.



- 2 Press and release  Mode Button until  icon flashes.



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

## Ringer/Vibrate Modes

continued

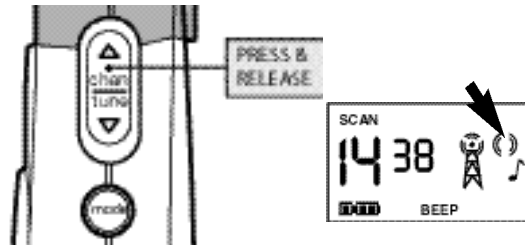
# Advanced Features

## Ringer/Vibrate Modes

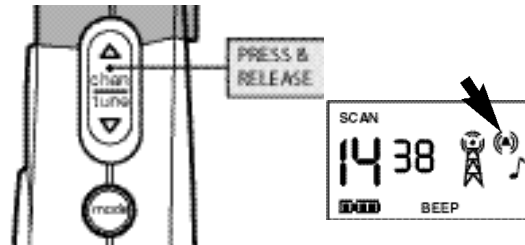
Note  
When you press and hold the Talk Button, the unit exits out to Operational Mode

If, after 10 seconds no selection is made, the unit will return to Operational Mode

Ringer/Vibrate Modes continued

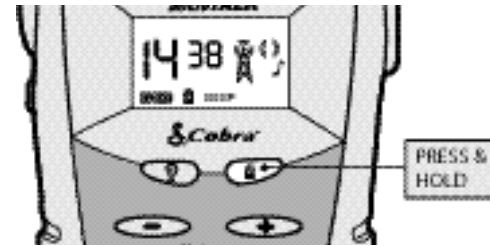


1 Press and release Channel Button up and down again. icon appears for Vibrator Only Mode.



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

# Advanced Features



1 After selecting the mode you desire press and release Lock Button or Mode Button to proceed to next function.

## Ringer/Vibrate Test

To test the ringer/vibrate Mode:

- 1 Turn on unit.
- 2 Press and hold Lock Button and Call Button simultaneously.

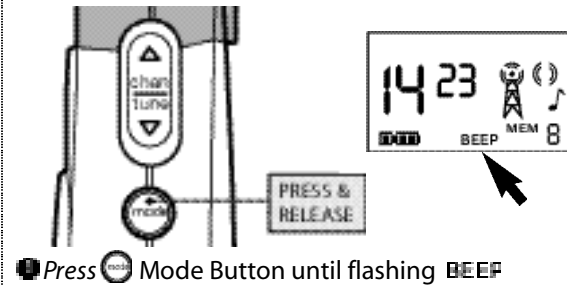
Unit will ring, vibrate, or ring/vibrate for 4 seconds.

Note  
Unit must be in Operational Mode to test ring/vibrate.

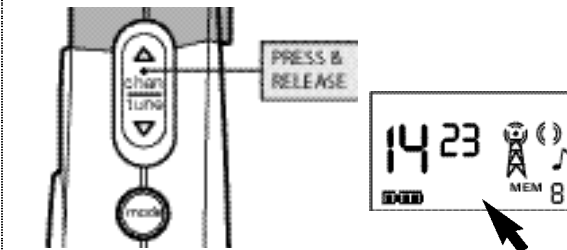
# Advanced Features

## Tone Settings

### Tone Setting



1 Press Mode Button until flashing BEEP



2 Press Channel Button up or down to turn on or off.

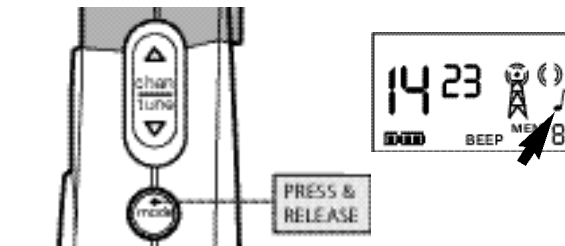
To set option:

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

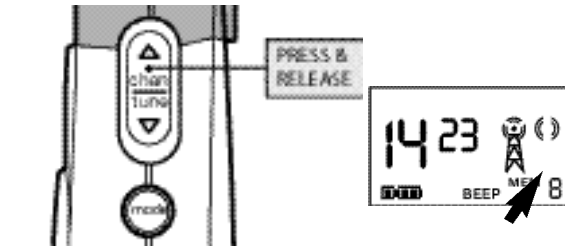
# Advanced Features

### Talk Confirmation Tone Indicator

To temporarily eliminate the Talk Confirmation Tone:



1 Press Mode Button until flashing



2 Press Channel Button up or down to turn on or off.

To set option:

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

# Advanced Features

## Lock Function

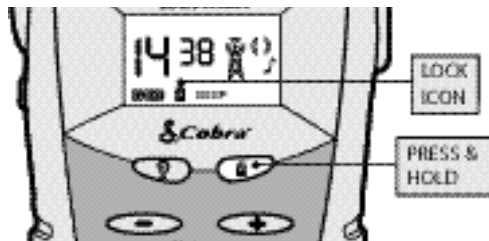
Note  
Call Button, Range Extender Button and Talk Button do not lock and are fully operational while the unit is locked

The unit cannot lock while in Function Mode

## Lock Function

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

To engage the LOCK function:



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

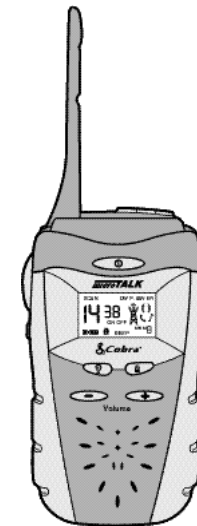
# Advanced Features

## Dual Watch Function

## Dual Watch Function

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

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



continued

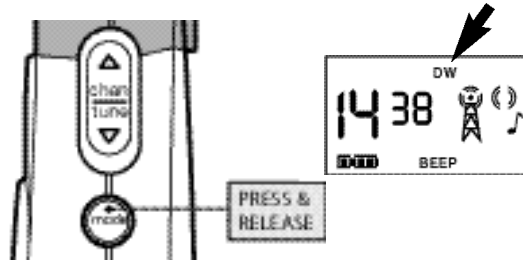


# Advanced Features

# Advanced Features

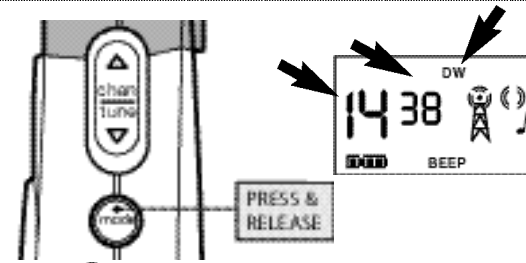
## Dual Watch Function

### Dual Watch Function

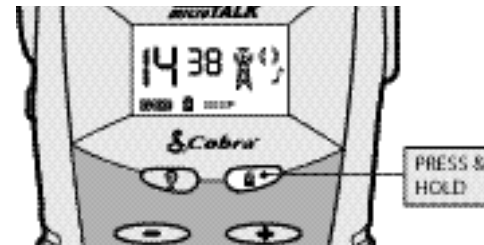


- 1 Press and release Mode Button until DW icon flashes.
- 2 Press Channel Button up and down to select second channel.

## Dual Watch Function



- 1 Press Mode Button to set CTCSS. CTCSS channel numbers will flash.
- 2 Press Channel Button up and down to select CTCSS.



- 3 Press Lock Button. This will store the second channel and CTCSS and start Dual Watch.
- 4 To terminate Dual Watch and go to Normal Mode, press Lock or Talk Buttons.

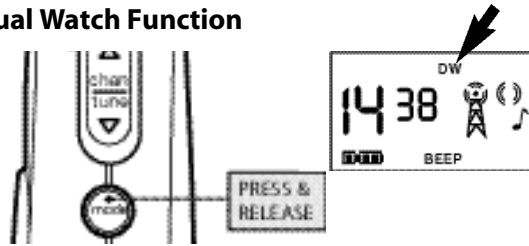
continued

# Dual Watch Function

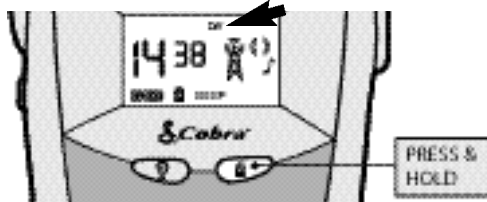
# microTALK Range

## Dual Watch Function

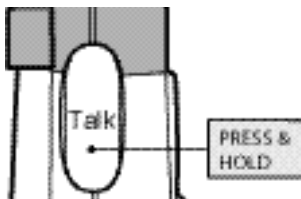
### Dual Watch Function



- 1 To enter Dual Watch when the second channel and CTCSS are already stored, *press* the Mode Button until **DW** icon flashes.



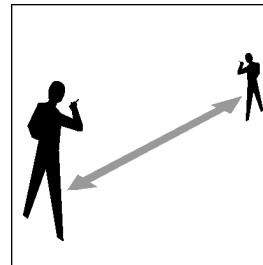
- 2 Press **Lock** Button. Dual watch will begin.



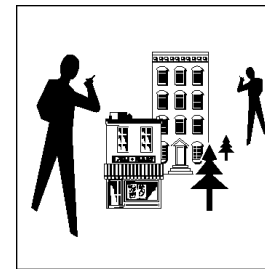
- 3 Press **Talk** Button to exit Dual Watch Mode.

## microTALK Range

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



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

To achieve maximum range the auto squelch can be overridden. Refer to Maximum Range Extender section on page 13.

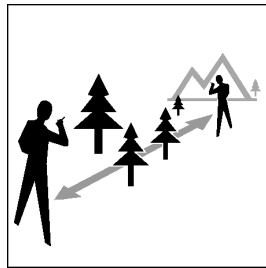
## microTALK Range

# Making Life Easier and Safer

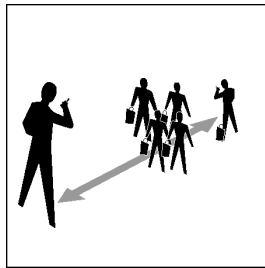
## microTALK 2-Way Radio Can Make Life Easier and Safer

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

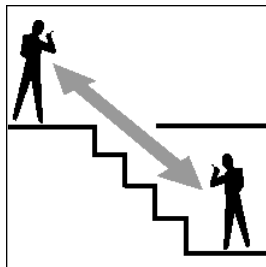
As you become familiar with your microTALK Radio you will find many of your own uses for the unit. Some suggestions include:



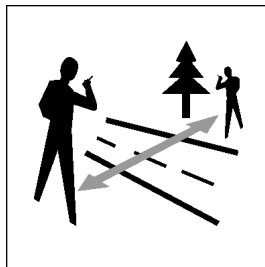
Talking with fellow hikers.



Keeping track of the kids in a shopping mall.



Communicating between basement and first, second or third floor.

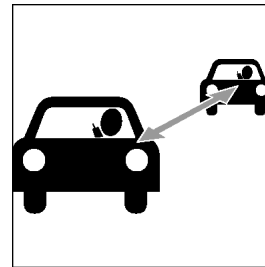


Talking to a neighbor or a friend.

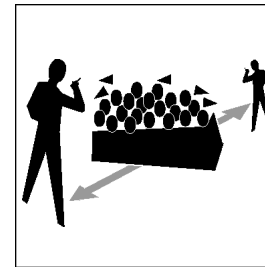
# Making Life Easier and Safer

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

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



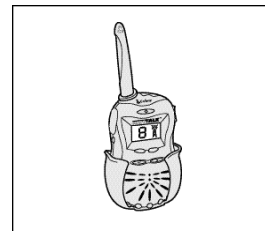
Checking on traveling companions in another car.



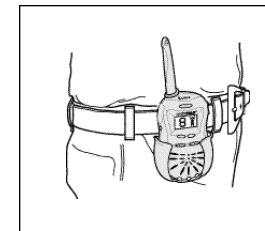
Agree on a meeting spot after an event.

### 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



Belt Clip

### Holster-Belt Clip and Desk Stand

## External Microphone/Speaker Jack

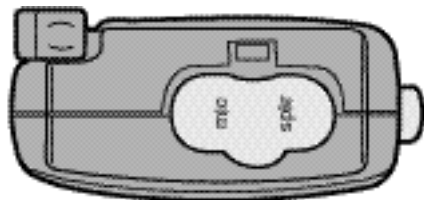
### External Microphone/Speaker Jack

Note  
External microphone/speaker (item #A-SM) is not included with this unit. See Accessories section on page ?? for available units.

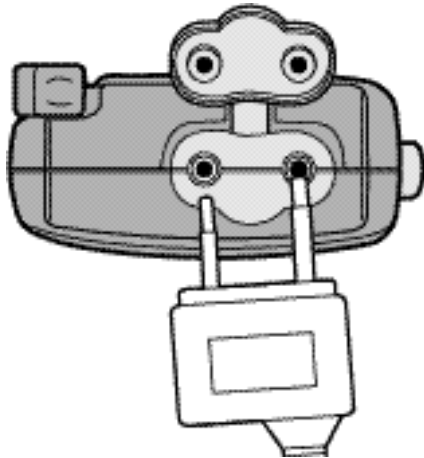
#### External Microphone/Speaker Jack

Your microTALK 2-Way Radio can be fitted with an external microphone/speaker, (not included) freeing your hands for other tasks.

To attach the external microphone/speaker:



- 1 Open Mic/Spkr tab on top of unit.



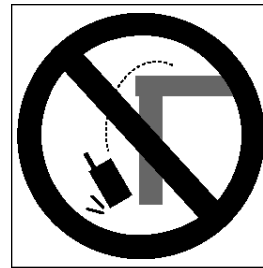
- 2 Insert jack into the Mic/Spkr ports.

## Caring for Your **micro** Radio

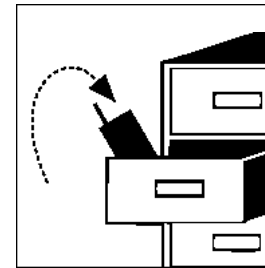
### Caring for Your microTALK Radio

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

Here are some suggestions:



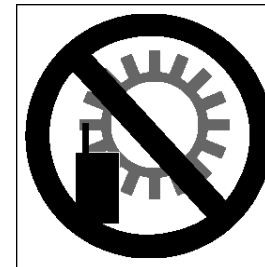
- 1 Handle unit gently.



- 2 Keep away from dust.



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



- 4 Avoid exposure to extreme temperatures.

### Caring for Your microTALK 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.

# Frequency Range



# Specifications

## Frequency Ranges

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

FRS Channel	Channel Frequency In MHz	FRS Channel	Channel Frequency In MHz
1	462.5625	8	467.5625
2	462.5875	9	467.5875
3	462.6125	10	467.6125
4	462.6375	11	467.6375
5	462.6625	12	467.6625
6	462.6875	13	467.6875
7	462.7125	14	467.7125

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		

## 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
5. 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

	UNIT	
1. EFFECTIVE RADIATED POWER	mW	500
2. CARRIER FREQ.STABILITY	HZ	500
3. MODULATION LIMITING	KHZ	2.5
4. CARRIER ATTACK TIME	mS	80
5. AUDIO FREQUENCY RESPONSE		
@ 300 HZ	DB	-6
@ 3000 HZ	DB	-6
6. AUDIO DISTORTION	%	3
7. HUM and NOISE	DB	35
8. TRANSIENT FREQ.BEHAVIOR		
a) TX ON	mS	30
b) TX OFF	mS	5

### D. POWER SUPPLY

1. BATTERY LIFE (1:1:8 RATIO)	HR	24
2. BATTERY	V	4.8 - 6.0

# Limited Two Year Warranty

# Optional Accessories



Cobra Electronics Corporation  
6500 West Cortland Street  
Chicago, Illinois 60707

COBRA ELECTRONICS CORPORATION warrants that its COBRA FRS Radios, and the component parts thereof, will be free of defects in workmanship and materials for 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.

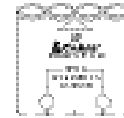
You must pay any initial shipping charges required to ship the product for warranty service, but the return charges will be at Cobra's expense, if the product is repaired or replaced under warranty.

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.

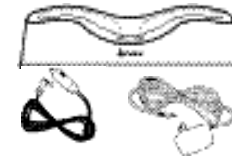
COBRA shall not be liable for any incidental, consequential or other damages; including, without limitation, damages resulting from loss of use or cost of installation.

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.

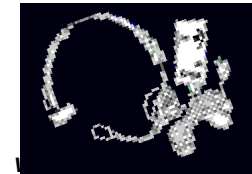


(1) NiMH Rechargeable Battery Pack

High performance Nickel Metal Hydride battery pack for multiple recharging  
FA-BP \$29.95



2 Port Desktop Charger  
Charges your micTalk Radio and (1) NiMH battery pack  
FA-CR \$24.95



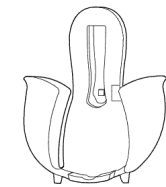
VOX (Voice Operated Transmitter) headset and microphone allows hands-free operation.  
MA-VOX \$49.95



Ear Bud Mic with PTT  
Integrated speaker/mic adapter that fits in your ear. Includes shirt clip.  
MA-EBM \$29.95



Lapel Microphone  
Remote microphone/speaker connection.  
CA-40 \$25.95



Replacement Belt Clip  
FA-HR3 \$4.95

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.cobratelectronics.com](http://www.cobratelectronics.com).

# Accessory Order Form

Item #	Description	Cost Ea.	Qty.	Amount
FA-BP	NIMH Rechargeable Battery Pack	\$29.95		
MA-EBM	Ear Bud Mic with PTT	\$29.95		
MA-VOX	Vox Mic	\$49.95		
FA-CR	2 Port Desktop Charger	\$24.95		
CA-40	Lapel Microphone	\$25.95		
FA-HR3	Holster Belt Clip	\$4.95		

### 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.*

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%  
 Minnesota residents add 6%  
 Ohio residents add 6%  
 Wisconsin residents add 5%

Subtotal \_\_\_\_\_  
 (Tax if applicable) \_\_\_\_\_  
 Shipping/handling\* \_\_\_\_\_  
 Total \_\_\_\_\_

\*See chart.

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 Attn: 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 7 to 10 days??? for delivery. Offer valid in Continental U.S. only

micro

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](http://www.cobraelectronics.com) or by e-mail @ [productinfo@cobraelectronics.com](mailto: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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Printed in Thailand

Part No. 00000

## Operating Instructions for your Cobra microTALK 2 Way Radio FRS 305



"Ingenious Products for Easier Communication"



# The Family Radio Service Story

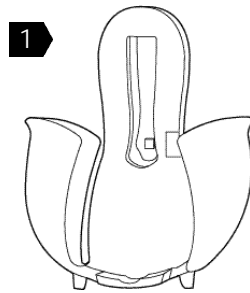
## The Family Radio Service Story

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 FRS 305 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

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.

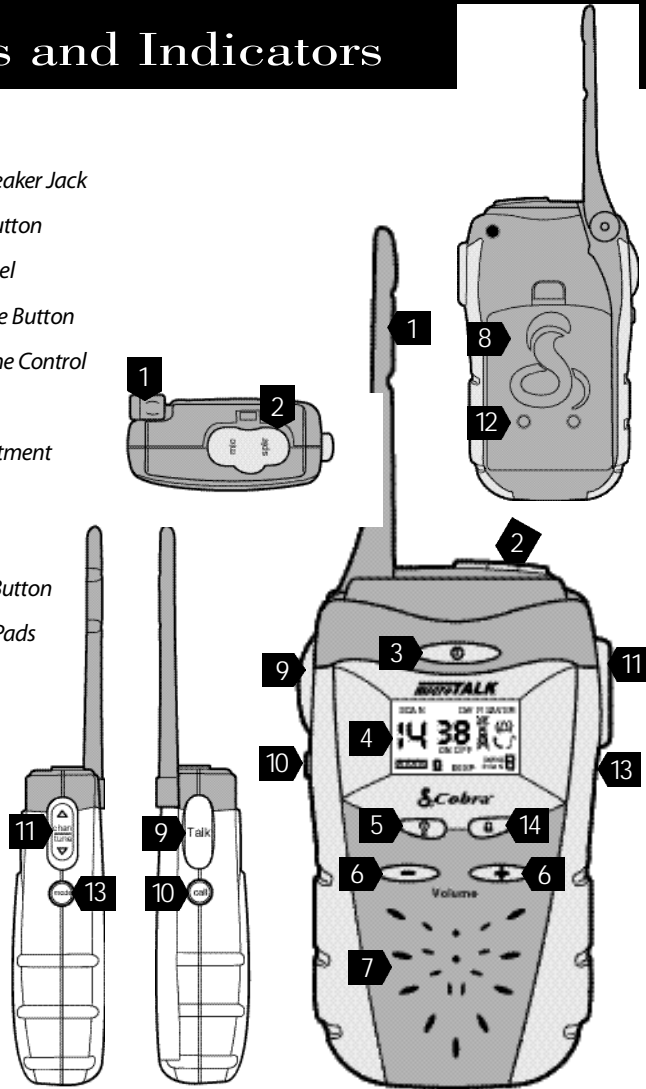


Included with your microTalk

**1** Holster/Belt Clip/Desk Stand

# Controls and Indicators

- 1. Antenna
- 2. Microphone/Speaker Jack
- 3. On/Off Power Button
- 4. LCD Display Panel
- 5. Light/Max Range Button
- 6. Down/Up Volume Control
- 7. Speaker
- 8. Battery Compartment
- 9. Talk Button
- 10. Call Button
- 11. Channel Select Button
- 12. Battery Charge Pads
- 13. Mode Key
- 14. Key Lock



Thank you for purchasing the 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 - 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](http://www.cobraelectronics.com)