

**Cobra**<sup>®</sup>  
**microTALK**

Owner's Manual



**Cobra**<sup>®</sup>  
PX650 Owner's Manual



**TWO-WAY  
RADIO MODEL**

**PX650**

Printed in China  
Part No. AL-MU-44200  
English

**Nothing Comes Close to a Cobra<sup>®</sup>**

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Before operating the radio, please read all safety and operating instructions. Save all instructions in a safe place for future reference.

### **⚠️ WARNING: Important Safety Instructions**

1. Only accessories included in this package or specified by the manufacturer should be used with the radio. The 5V micro-USB charging input is compatible with most high quality micro-USB chargers that fully conform to the USB standards.
2. Do not use cleaners or solvents to clean the exterior of the radio. Use only a damp or dry cloth.
3. Do not expose this product to splashing or dripping water.
4. Do not attempt to service the receiver yourself. Removing the cover will void the warranty. Changes or modifications not expressly approved by Cobra may void the user's authority granted by the FCC to operate this device and should not be made.
5. Do not plug the wall adaptor into the power outlet if the outlet is wet.
6. Do not use any portable radio that has a damaged antenna. If a damaged antenna comes into contact with your skin, a minor burn can result.

### **⚠️ WARNING: Important Safety Instructions for Battery**

#### **Read All Instructions**

- Do not incinerate the battery even if it is severely damaged or is completely worn out.
- Do not discard battery in a fire. The battery pack can explode in a fire.
- Do not replace battery in any area labeled "Hazardous Atmosphere". Any sparks created in a potentially explosive atmosphere can cause an explosion or fire.
- Do not disassemble, crush, puncture, shred, or otherwise attempt to change the form of your battery.
- Do not dry a wet or damp battery with an appliance or heat source, such as a hair dryer or microwave oven.
- A small leakage of liquid from the battery cells may occur under extreme usage or temperature conditions. This does not indicate a failure. Do not open, deform or mutilate the battery as there may be corrosive materials which can cause damage to eyes or skin and may be toxic if swallowed.

However, if the outer seal is broken and this leakage gets on your skin:

- a. Wash quickly with soap and water.
- b. Neutralize with a mild acid such as lemon juice or vinegar.
- c. If battery liquid gets into your eyes, flush them with clean water for a minimum of 10 minutes and seek immediate medical attention.

This product uses Lithium Polymer Battery. Do not transport package if damaged, a fire hazard could exist.

#### **Recycle Battery**

Local, state or federal laws may prohibit disposal of batteries in ordinary trash. Consult your local waste authority for information regarding available recycling and/or disposal options.

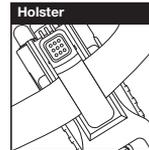


## Introduction

### Making Life Easier and Safer

**Staying in touch is convenient and easy when using your radio. Some of the many uses you will discover include:**

Communicating with others while hiking, biking, and working; keeping track of family and friends at a crowded public event; checking with travel companions; connecting with neighbors; arranging meeting spots with others while shopping at the mall; talking with your colleagues in warehouse or jobsite.



#### **Secure your radio while on the go.**

Carrying your radio with you is easy when using the holster.

The holster easily attaches to your belt, purse, or backpack.



## Customer Assistance

### Product Service & Support

For any questions about operating this new Cobra branded product, PLEASE CONTACT US FIRST...do not return this product to the retail store. The contact information for support will vary depending on the country in which you purchased and utilize the product.

To obtain warranty service or other information for products purchased from Altis itself or through its authorized reseller or agent and utilized in the U.S.A., please call our consumer support line at **(866) 721-3805**, or email us at **support@altistec.com**. You will receive instructions on how to ship the products at your expense to an Altis Global Limited Authorized Service Center.

To obtain service, you must include: (a) a copy of your receipt, bill of sale or other comparable proof of purchase; (b) a written description of the problem; and, most importantly; (c) your address and telephone number.

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

For further information needed on its features, please visit **www.cobrawalkietalkie.com** for frequently asked questions and the electronic manual.

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www.cobrawalkietalkie.com



## Operational Cautions

Exposure to high volume sound levels may cause temporary or permanent damage to your hearing. Although there is no single volume setting that is appropriate for everyone, you should always use your radio with the volume set at low level and avoid prolonged exposure to high volume sound levels.

1. Set the volume control in a low position and use as low a volume as possible.
2. Avoid turning up the volume to block out noisy surroundings. Whenever possible, use your radio in a quiet environment with low background noise.
3. Limit the amount of time you use headsets or earpiece at high volume levels.
4. When using the radio without a headset or earpiece, do not place the radio's speaker directly against your ear.
5. Observe all signs and instructions that require an electrical device or RF radio product to be switched off in designated areas, such as gas/refueling stations, hospitals, blasting areas, potentially explosive atmospheres, or aircraft.
6. If you experience a skin irritation after using this product, discontinue use and seek medical attention.
7. If the product or charger: overheats; has a damaged cord or plug; has been dropped or damaged; has been dropped into water, disconnect any charger from its power supply, discontinue use of the product.

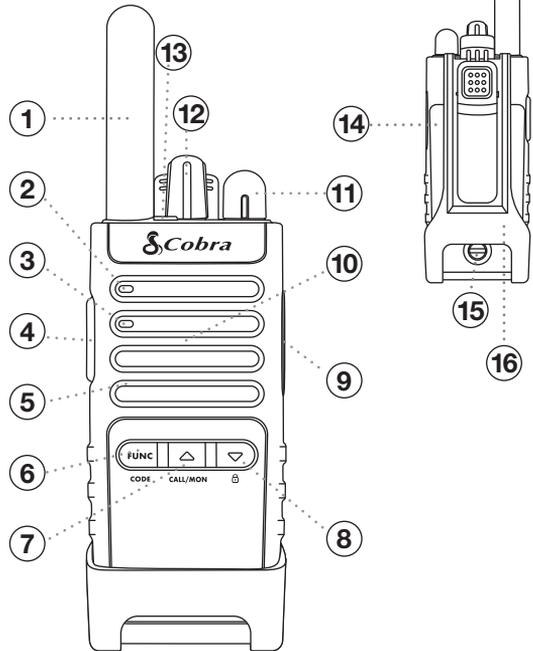
## Electromagnetic Interference

Nearly every electronic device is susceptible to electromagnetic interference (EMI) if inadequately shielded, designed, or otherwise configured for electromagnetic compatibility. Turn off your radio in any facility where posted notices instruct you to do so. These facilities may include hospitals or health care facilities that may be using equipment that is sensitive to external RF energy.

- When instructed to do so, turn off your radios when on board an aircraft. Any use of a RF device must be in accordance with applicable laws, regulations and airline crew instructions.
- Some radios may interfere with some hearing aids. In the event of such interference, you may want to consult your hearing aid manufacturer or physician to discuss alternatives.
- If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from RF energy. Your doctor or physician may be able to assist you in obtaining this information.



## Product Features



1. Antenna
2. LED indicator
3. VOX indicator (Blue LED)
4. Push-to-Talk Button
5. Microphone
6. Function / Privacy Code Button
7. Up / Call / Monitor Button
8. Down / Lock Button
9. External Speaker / Microphone Jack / USB Charge
10. Speaker
11. Power On/Off / Volume Knob
12. Channel / Privacy Code Selection Knob
13. Emergency Alert Button
14. Battery Compartment Cover
15. Battery Door Screw
16. Holster with Swivel Clip

## Features

- **22 Channels with Preset privacy codes**
- **User Adjustable Privacy Codes** (38 CTCSS codes)
- **Hands-Free Operation (VOX)**
- **Call Alert**
- **Button Lock**
- **Speaker/Microphone/Charge Jack**
- **Roger Beep** Selectable On/Off
- **Battery/Power Saver**
- **Keystroke Tones**
- **Low Battery Audible Alert**
- **Auto Squelch**
- **Maximum Range Extender**
- **Holster with Swivel Clip**
- **Emergency Call**
- **IP54 Waterproof and Dustproof**

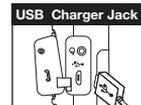
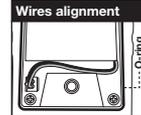
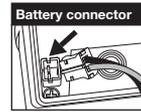
## LED indicators

Standby Mode	<b>Green</b> LED flashes every 5 seconds
When Battery low	<b>Red</b> LED flashes every 5 seconds
When you press and hold <b>Talk</b> button and the Radio is transmitting	<b>Green</b> LED on
During VOX feature enabled	<b>Blue</b> LED flashes every 5 seconds
During Emergency Alert Mode	<b>Green and Red</b> LED flashes alternately per second
Power Off the Radio during charging	
Under Charging	Solid <b>Red</b> (No flash)
Fully Charge	Solid <b>Green</b> (No flash)

## Caring for Your microTALK® Radio

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

## Installing Batteries (Battery already pre-installed)



### To install or replace batteries:

1. Remove Holster by releasing the belt clip latch and slide the holster downward.
2. Using a flat head screw driver or edge of a coin (a quarter may be used), remove the screw securing the back battery panel.

3. Open the battery compartment cover, connect the connector of the battery to the socket of the radio inside the battery compartment in proper polarity.
4. Place the battery inside battery compartment and align the wires as shown.

(Note: Wires are required to be tucked into the battery compartment completely and carefully. If any object interfere the O-ring, its sealing performance will be affected.)

5. Place the battery compartment cover, screw down the screws mildly.  
(Screw nuts may be damaged if overtighten)
6. Re-attach the holster.

### To charge batteries in radio:

1. Check to see that the batteries have been inserted properly.
2. Insert the cable into the charge jack located at the right side of the radio.
3. Plug the cable into USB-compatible power port.

Only use the supplied rechargeable batteries and desktop charger for recharging your Cobra microTALK® radio.

Please charge new batteries for 8 hours for first time of use.

Cobra recommends your radio is turned off while being charged.

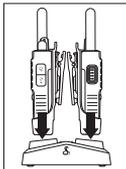


Maximum range may vary and is based on unobstructed line-of-sight communication under ideal conditions.



## Operation

### Using Your Radio



#### For charging microTALK® radio(s) in desktop charger:

1. Insert radio(s) into desktop charger as shown.
2. Insert the micro-USB cable into jack on back of charger.
3. Plug the cable into USB-compatible power port. For pluggable equipment, the socket-outlet shall be installed near the equipment and shall be easily accessible.

If charging light is not **on**, check position of radio. Radio should be upright. The charge indicator light on desktop

charger will stay **on** (Red) as long as the radio is in the charging well, and the light will go **off** when the charging is complete.

**Note:** To charge a single radio, you can bypass the desktop charger and simply insert the micro-USB's connector directly into the charge jack located at the right of the radio.

The radio will have Red LED indicator ON while charging.

Cobra recommends your radio be turned off while being charged.

#### Quick Start

1. Turn **ON/OFF/Volume** Knob clockwise to turn the radio on and counter clockwise to turn the radio off.
2. Select a desired channel. (Details please refer P.9)



Both radios must be tuned to the same channel/privacy code to communicate.

3. Press and hold the **Talk** button while speaking into the microphone.
4. When finished talking, release the **Talk** button and listen for a response.

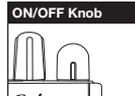
#### Getting Started

##### Waterproof

This radio is waterproof to IP54 standards. It is dust / splashproof from any direction. The radio is resistant to water and rain splashes only when the battery cover, headset accessory and micro-USB ports are sealed. Open the battery compartment door or headset port/USB charge cover only when the radio is dry. Use of a headset accessory should be in dry environments only. The micro-USB cable and plug is not waterproof. Do not expose the charger to rain or snow. Charge the radios only in a dry location. The battery door must be tightly closed with the screw to maintain the weatherproof seal of the radio.

#### Turning your Radio On and Off

Turn **ON/OFF** Knob clockwise to turn the radio on and counterclockwise to turn the radio off.



1. In the **ON** position, the radio chirps, and the current channel number and user adjusted privacy code setting (if any) prompted after that.

Your microTALK® radio is now in Standby mode, ready to receive transmissions. The radio is always in Standby mode except when the **Talk**, **Call** or other buttons are pressed or the **Channel/Privacy Code Selection** Knob is turned.

2. In Standby mode, **Green** LED flashes every 5 seconds.

#### Battery Low

When battery power is low, **Red** LED flashes every 5 seconds. Voice prompt "**Please charge**" will be heard approximately 30 minutes before device automatically powers off. Your batteries should be recharged. It normally takes about 8 hours to fully charge batteries.

#### Auto Battery Save

If there are no transmissions within 10 seconds, the radio will automatically switch to **Battery Save** mode. This will not affect the radio's ability to receive incoming transmissions.

#### Communicating with Another Person



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

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



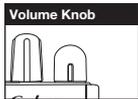
Both radios must be tuned to the same channel/privacy code to communicate.

## Listening for a Response



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

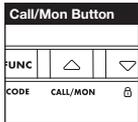
## To Adjust Volume



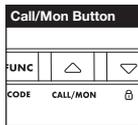
Press and hold **Call/Mon** Button for three seconds to turn off the auto squelch, then rotating **Volume** Knob until you reach a comfortable listening level.

1. Rotate **Volume** Knob clockwise to increase the volume.
2. Rotate **Volume** Knob counterclockwise to decrease the volume.
3. Press and hold **Call/Mon** Button to enable the auto squelch.

Do not hold the radio close to your ear. If the volume is set to an uncomfortable level, it could hurt your ear.



## Call Button



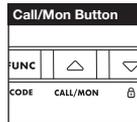
Press and release the **Call/Mon** button to alert others that you are calling.

The other person will hear a two second call tone. This tone is used only to establish voice communications.

## Auto Squelch/Maximum Range

Your microTALK® radio will automatically shut off weak transmissions and unwanted noise due to terrain, conditions or if you've reached your **Maximum Range** limit.

You can turn **off** auto squelch (or turn **on** maximum range extender), allowing all signals to be received and extending the maximum range of your radio.



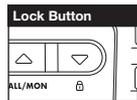
To turn maximum range extender on (Turn off auto squelch):

– Press and hold the **Call/Mon** button for at least three seconds until you hear two beeps which indicates the maximum range extender is **on**.

To turn maximum range extender off (Turn on auto squelch):

– Press and hold the **Call/Mon** button.

## Lock Function



The **Lock** function locks the **FUNC/CODE** button and **Channel** Knob to prevent accidental operation.

To turn the lock on or off:

– Press and hold the **Lock** button for two seconds.

A double beep sound is used to confirm your lock **on** or **off** request. When in **Lock** mode, a 3 beeps warning shows that the **FUNC/CODE** button and **Channel** knob would not be operated.

## microTALK® Range



Your range will vary depending on terrain and conditions.

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



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

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

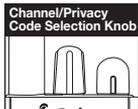


On Channels 8 through 14, your radio automatically switches to low power, which will limit the range the radio can communicate.



Remember, you can achieve maximum range by using maximum range extender. See **page 6** for details.

## Current Channel Number Checking



1. During **Standby** mode, turn the **Channel/Privacy Code Selection** Knob one step, the current channel number and user adjusted privacy code setting (if any) prompted.
2. After the current channel number prompted, choose one of the following.
  - a. Turn the **Channel/Privacy Code Selection** Knob clockwise or counterclockwise to change channel number.
  - b. Press the **Talk** button to return to **Standby** mode.
  - c. Do not press any buttons or turn the **Channel/Privacy Code Selection** Knob for 6 seconds, the current channel number prompted again, and then return to **Standby** mode.

### Voice Prompt Messages about Channels and Privacy codes

Voice Prompt Message	Meaning
"Channel <b>N</b> *"	The current channel is still preset with default privacy code system and code number. See <b>Channel and Default Privacy Code Table</b> on page 10.
"Channel <b>N</b> *, Code <b>M</b> *"	The current channel had been assigned with a user selected CTCSS code number <b>M</b> *.
"Channel <b>N</b> *, Code Off"	No privacy code was set on the current channel, and allows all signals to be heard on a channel with any CTCSS or DCS privacy code.

\***Remarks:** **N** is a channel number from 1 to 22; **M** is a CTCSS code number from 1 to 38.



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



See Page 12 for resetting all the channels and privacy code setting to factory default.

## To Select a Channel

The radio has 22 Channels that preset with customized privacy codes, see **Channel and Default Privacy Code Table** on page 10.



1. During **Standby** mode, turn the **Channel/Privacy Code Selection** Knob one step, the current channel number and user adjusted privacy code setting (if any) prompted.
2. After the current channel number prompted, turn the **Channel/Privacy Code Selection** Knob clockwise or counterclockwise again to select a channel.
3. When the desired channels selected, choose one of the following.
  - a. Turn the **Channel/Privacy Code Selection** Knob clockwise or counterclockwise to change a new channel number.
  - b. Press the **Talk** button to enter the new setting and return to **Standby** mode.
  - c. Do not press any buttons or turn the **Channel/Privacy Code Selection** Knob for 6 seconds to enter the new setting, the current channel number prompted again, and then return to **Standby** mode.



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



See Page 16 for frequency allocations charts.



See Page 12 for resetting all the channels and privacy code setting to factory default.

## Privacy Codes

Your radio incorporates two advanced coded squelch systems that can help to reduce interference from other users on any given channel. CTCSS (Continuous Tone Coded Squelch System) provides 38 privacy codes and DCS (Digitally Coded Squelch) provides privacy codes for factory default channel preset. The CTCSS (Continuous Tone Coded Squelch System) can be used on all channels.

For ease of use and to reduce interference from other users, the 22 channels of your radio have been customized, see **Channel and Default Privacy Code Table**.

### Channel and Default Privacy Code Table

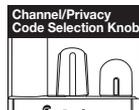
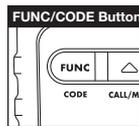
Channel	Privacy Code	
	Type	Number
1	CTCSS	1
2	CTCSS	11
3	CTCSS	22
4	CTCSS	33
5	DCS	1
6	DCS	11
7	DCS	22
8	DCS	33
9	DCS	44
10	DCS	55
11	DCS	66

Channel	Privacy Code	
	Type	Number
12	DCS	77
13	CTCSS	1
14	CTCSS	11
15	CTCSS	22
16	CTCSS	33
17	DCS	1
18	DCS	11
19	DCS	22
20	DCS	33
21	DCS	44
22	DCS	55



You can change your radio Privacy Codes in order to work with other radios with different privacy codes or radio without privacy codes. See page 11 and 12 for procedures.

## Set CTCSS Privacy Codes



To select a CTCSS privacy code:

- After selecting a channel, then return to **Standby** mode.
- Press and hold the **FUNC/CODE** button until the current code number prompted. The following messages may be prompted:
  - “Channel Code Memory”** means the current channel is still preset with default privacy code system and code number. See **Channel and Default Privacy Code Table** on page 10, or
  - The current CTCSS Code Number, or
  - “Code Off”** means no privacy code was set on the current channel, and allows all signals to be heard on a channel.
- After the current code number prompted, turn the **Channel/Privacy Code Selection** Knob clockwise or counterclockwise again to select a desired CTCSS code number;  
Or, press the **UP** or **DOWN** buttons to select CTCSS code number;  
Or, press and hold the **UP** or **DOWN** buttons for fast skipping.
- When the desired CTCSS code number selected, choose one of the following.
  - Turn the **Channel/Privacy Code Selection** Knob clockwise or counterclockwise, or press the **UP** or **DOWN** buttons to change a new CTCSS code number.
  - Press the **Talk** button to enter the new setting and return to **Standby** mode.
  - Do not press any buttons or turn the **Channel/Privacy Code Selection** Knob for 6 seconds to enter the new setting, the current channel number and privacy code setting (if any) prompted again, and then return to **Standby** mode.



To successfully communicate using a privacy code, both the sending and receiving radios must be tuned to the same channel and to the same privacy code number (CTCSS or DCS). Each channel will remember the last privacy code system and number you select.

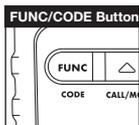


The privacy code OFF is not a privacy code, but allows all signals to be heard on a channel that is set to 0 on both the CTCSS and DCS systems.

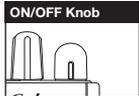


See Page 12 for resetting all the channels and privacy code setting to factory default.

## Reset all channels with factory default privacy codes



1. Press and hold the **FUNC/CODE** button and turn the **Power ON/OFF** Knob to turn on the radio simultaneously.
2. 4 consecutive beeps following with a message “*Code Memory OFF*” prompted, all the channels on the radio has been reset to factory default privacy codes successfully. Current channel would become channel 1 as default also.



See **Channel and Default Privacy Code Table** on page 10.

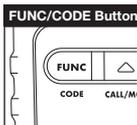


## Operation

### More Functions

#### Scrolling Through the FUNC Features.

By scrolling through the **FUNC** features, you will be able to select or turn on preferred features of your microTALK® radio. When scrolling through the **FUNC** function, your radio features will be prompted in the same predetermined order:



- Set Vox On/Off
- Set Vox Sensitivity
- Set Roger Beep On/Off

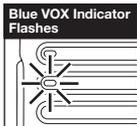
#### Voice Activated Transmit (VOX)

In **VOX** mode, your microTALK® radio can be used “hands-free,” automatically transmitting when you speak. You can set the **VOX** sensitivity level to fit the volume of your voice and avoid transmissions triggered by background noise.

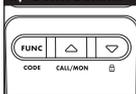


#### To turn VOX mode on or off:

1. During **Standby** mode, briefly press and release **FUNC** button, the current **VOX** status is prompted.
2. Press the **Up** or **Down** button to turn **VOX On** or **Off**.
3. Choose one of the following.
  - a. Press the **FUNC** button to enter the new setting and proceed to other functions.
  - b. Press the **Talk** button to enter the new setting and return to **Standby** mode.
  - c. Do not press any buttons for 6 seconds to enter the new setting and return to **Standby** mode.
4. Once the **VOX** is turned on, **Blue** LED flashes every 5 seconds.



#### FUNC and Up/Down Buttons



### To set VOX sensitivity:

1. Press the **FUNC** button until the current **VOX** sensitivity level is prompted.



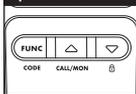
The current VOX sensitivity level is prompted, the value would be from 1 to 5. VOX 5 is the most sensitive level and VOX 1 is the least sensitive level.

2. Press the **Up** or **Down** button to change the setting.
3. Choose one of the following.
  - a. Press the **FUNC** button to enter the new setting and proceed to other functions.
  - b. Press the **Talk** button to enter the new setting and return to **Standby** mode.
  - c. Do not press any buttons for 6 seconds to enter the new setting and return to **Standby** mode.

### Roger Beep Confirmation Tone

Your listener will hear an audible tone when you release the **Talk** button. This alerts the other party that you are finished talking and it is OK for them to speak.

#### FUNC and Up/Down Buttons

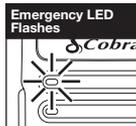


### To turn roger beep on or off:

1. Press the **FUNC** button until the current **Roger Beep** status is prompted.
2. Press the **Up** or **Down** button to select Roger Beep **On** or **Off**.
3. Choose one of the following.
  - a. Press the **FUNC** button to enter the new setting and return to **Standby** mode.
  - b. Press the **Talk** button to enter the new setting and return to **Standby** mode.
  - c. Do not press any buttons for 6 seconds to enter the new setting and return to **Standby** mode.

### Emergency Alert Mode

The Emergency Alert feature can be used to signal members in your group of your need for urgent help. PX650 series radios will operate in an automatic “hands-free” emergency control mode for a total of 30 seconds after activating the Emergency Alert. PX650 series radios in your group will automatically advance the speaker volume to the maximum setting and sound a warbling alert tone for 8 seconds. The alert tone is emitted from your own radio speaker and the receiving radios in your group. After the 8 seconds alert, any spoken words or incidental sounds at your end will be transmitted to the group for 22 seconds. For the 30 seconds duration of Emergency Alert mode, PX650 series radio controls and buttons will be locked to maximize reception of the emergency message.



1. Press and hold the **Emergency Alert** button for 3 seconds.
2. Release the button after the alert tone begins to sound and the **Red** and **Green** LED flashes alternatively each second. There is no need to continue to hold the **Emergency Alert** button or use PTT for your message to be transmitted.
3. After the alert tone ends, you may speak into the microphone. Your Voice or incidental sounds will be transmitted. The **Red** and **Green** LED flashes alternatively for the duration of the 22 seconds period.
4. After 30 seconds in total, your radio speaker will emit a Talk Confirmation Tone and the Emergency Alert Mode LED indication will stop flash. Operation then returns to normal two-way mode.



Note: All Cobra PX650/RX680/CXY900 series radios are fully compatible with the Emergency Alert feature if they would be tuned to the same channel and same privacy code. Radio brands other than Cobra PX650/RX680/CXY900 series can receive the emergency alert signal, but may not respond with adjusted volume settings, locked controls, or a warbling alert tone. Users of other radio models set to the same channel and code will hear a steady tone for 8 seconds followed by the voice transmission for 22 seconds.



**Warning:** The Emergency Alert feature should only be used in the event of an actual emergency. Cobra is not responsible if there is no response to the emergency alert from the receiving group.



## Operation

# General Specifications

## Frequency Allocation and Compatibility

**A = Channel No. for 22 Channel Models**

**B = Frequency in MHz**

**C = Power Output**

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

## IMPORTANT NOTICE:

**WARNING:** Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: 1) This device may not cause harmful interference, and 2) this device must accept any interference received, including interference that may cause undesired operation.

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## Safety Information for microTALK® Radios

Your wireless handheld portable transceiver contains a low power transmitter. When the talk button is pushed, it sends out radio frequency (RF) signals. The device is authorized to operate at a duty factor not to exceed 50%. In August 1996, the Federal Communications Commissions (FCC) adopted RF exposure guidelines with safety levels for handheld wireless devices

### Important

FCC RF Exposure Requirements: For body-worn operation, this radio has been tested and meets the FCC RF exposure guidelines when used with Cobra accessories supplied or designated for this product. Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

Use only the supplied antenna. Unauthorized antennas, modifications or attachments could damage the transmitter and may violate FCC regulations.

Hold the transmitter approximately 2 inches from your face and speak in a normal voice, with the antenna pointed up and away. In front of face at least 25mm, maximum duty cycle 50%, compliance with the public environment etc!

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. The device can be used in portable exposure condition without restriction.   
 rmal Position

### FCC Part 15.21 Warning Statement-

**NOTE:** THE GRANTEE IS NOT RESPONSIBLE FOR ANY CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

### IC RSS-GEN

This device complies with ISED license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device. Under ISED regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by ISED. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication. The applicant is responsible for providing proper instructions to the user of the radio device, and any usage restrictions, including limits of exposure durations. The user manual shall provide installation and operation instructions, as well as any special usage conditions.

### Radiation Exposure Statement:

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

For Remote controller, SAR tests are conducted using standard operating positions accepted by the FCC/ISED with the device transmitting at its highest certified power level in all tested frequency bands, although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value.

Before a new model device is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC/ISED. Tests for each device are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC/ISED.

For body worn operation, this model device has been tested and meets the FCC/ISED RF exposure guidelines when used with an accessory designated for this product or when used with an accessory that Contains no metal and that positions the handset a minimum of 0 mm from the body. For 25mm Front of face

Non-compliance with the above restrictions may result in violation of RF exposure guidelines.



### MODEL PX650:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: 1) This device may not cause harmful interference, and 2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Warnings: Replacement or substitution of transistors, regular diodes or other parts of a unique nature, with parts other than those recommended by Cobra may

cause a violation of the technical regulations of part 95 of the FCC rules, or violation of type acceptance requirements of part 2 of the rules.



## Warranty & Trademark Acknowledgment

### Limited One-Year Warranty

Altis Global Limited warrants to the original consumer purchaser only that this product and the component parts thereof, will be free from defects in workmanship and materials for a period of one year from the date of first consumer purchase. During this period, Altis will repair or replace, at its sole option and discretion, this product or any defective parts. Altis' liability hereunder shall be limited to repair or replacement of the defective part or parts, and such correction shall constitute a fulfillment of all of Altis' warranties hereunder.

This limited warranty is only valid for the original consumer purchaser in limited jurisdictions and is not transferrable. This limited warranty will automatically terminate prior to expiration if this product is sold or otherwise transferred to another party. The product must be purchased from Altis or an authorized dealer or the warranty is void. This limited warranty is valid only for products purchased and utilized in specific jurisdictions. Please visit our website at [www.cobrawalkietalkie.com](http://www.cobrawalkietalkie.com) for a list of jurisdictions wherein this limited warranty is valid.

This limited warranty does not cover damage due to misuse, abuse, negligence, acts of God, accident, commercial use or modification of, or to any part of this product. This warranty does not cover damage due to improper operation, maintenance or installation; ordinary wear and tear; or attempted alterations or repairs by anyone other than Altis or someone authorized by Altis to do warranty work. Any unauthorized alterations or repairs will void this warranty. This limited warranty does not cover product sold AS IS or WITH ALL FAULTS. This limited warranty is invalid if the factory applied serial number or date stamp has been altered, defaced or removed from this product. This limited warranty does not cover product purchased or utilized in a jurisdiction not covered.

The procedure for obtaining service and support, and the applicability of this warranty, will vary depending on the country or jurisdiction in which you purchase and utilize the product. For details on obtaining product service, support and other warranty information please visit [www.cobrawalkietalkie.com](http://www.cobrawalkietalkie.com).

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state and country to country.

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Provided that the product was purchased from Altis itself or through its authorized reseller agent and utilized in the U.S.A., Altis will, without charge, repair or replace, at its option, defective products, products or component parts upon delivery to the authorized Altis Global Limited Authorized Service Center, accompanied by proof of the date of first customer 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, to an address in the U.S.A., will be at Altis' expense, if the product is under warranty.

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Please contact your authorized local reseller or agent for warranty information.

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