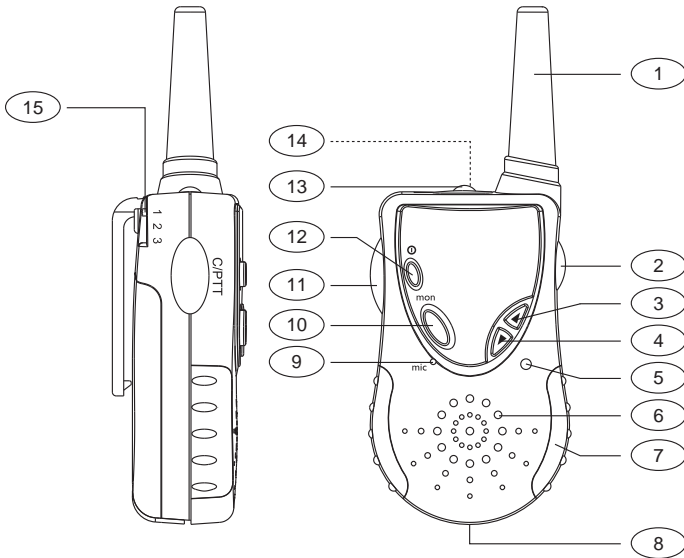


COMMUNICATOR MODEL 303

OWNER'S MANUAL AND OPERATING INSTRUCTIONS



Battery Installation:

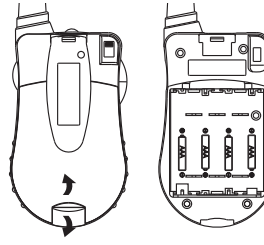


Figure 3.

Figure 4.

1. Release the BATTERY COMPARTMENT COVER LATCH located on the rear side of the unit (see Figure 3) and remove the BATTERY COMPARTMENT COVER from the BATTERY COMPARTMENT (See Figure 4).
2. Install 4x1.5V AAA alkaline batteries or Ni-MH rechargeable batteries (not included) as shown.
3. Reinstall the BATTERY COMPARTMENT COVER and lock the BATTERY COMPARTMENT COVER LATCH into position.

The COMMUNICATOR has a built in POWER SAVER feature for maximum battery life. But when the COMMUNICATOR is not being used, conserve battery power by pressing the **⏻** button to OFF. Remove the batteries if the unit will not be used for a long period of time.

Turning the Unit ON:

Press and hold the **⏻** button. The unit will "beep" with dual tone and the LED will light on for 0.5 seconds.

NOTE: When the unit is powered on, the LED will flash once per 5 seconds.

Turning the Unit OFF:

Press and hold the **⏻** button. The unit will "beep" with a signal tone and the LED will light on for 0.5 sec, then turn OFF

Adjusting Speaker Volume:

1. Press the Up **▲** button to increase the Speaker Volume.
2. Press the Down **▼** button to decrease the Speaker Volume.
3. When Volume Setting reaches the maximum or minimum level, alert beep tones will be heard.

Receiving a Signal:

Red RX LED Indicator will light up when receiving signal.

1. The unit is continuously in the RECEIVE mode for 6 seconds after the last operation step (i.e. power ON, busy, or any button is being pressed.)
2. After 6 seconds for the last operation, the System enters to the power saving mode.

Transmitting a Signal:

1. Check the channel activity by pressing and holding the MONITOR **mon** button. You'll hear static if the channel is unoccupied. Don't TRANSMIT if someone is talking on the channel. Press and hold the **C/PTT** button to TRANSMIT. The TX LED Indicator will light up in red. Hold the unit in a vertical position with the MICROPHONE 2 to 3 inches from the mouth.
2. While holding the **C/PTT** button, speak into the unit using a normal tone of voice.
3. Release the **C/PTT** button when you have finished transmitting.

NOTE: In order for other people to receive your transmission, they must also be on the same channel you are currently using. Refer to the "Changing Channels" section for more information.

Operation

Changing Channels:

The COMMUNICATOR has 3 available channels. To change channels: Slide the Channel Switch at side of unit to select the desired channel.

Sending Call Tones:

You can use CALL TONES to alert the other when you are attempting to contact them. You can also use CALL TONES to signal the beginning or the end of a transmission.

1. Press the CALL **C/PTT** button twice quickly, the red TX LED indicator will light up and the CALL TONE continues for 2 seconds.
2. Release the CALL **C/PTT** button, your CALL TONES will transmit to nearby receivers set to the same channel.

Monitor:

You can use the MONITOR feature to check for weak signals in the current channel.

1. Press the MONITOR **mon** button once to activate this function.
2. Press again the MONITOR **mon** button to deactivate the function.

Communicator Controls

1. Antenna
2. Torch **☼** button: Press and hold to switch on the Torch LED.
3. Up **▲** button: Press to adjust volume level.
4. Down **▼** button: Press to adjust volume level.
5. TX/RX LED indicator: Illuminates red when transmitting and receiving.
6. Speaker
7. Battery Compartment (LOCATED ON THE REAR): Houses 4 x "AAA" alkaline or Ni-MH rechargeable batteries (not included).
8. Battery Compartment Cover Latch (LOCATED ON THE REAR): Secures Battery Compartment cover.
9. Mic: Microphone.
10. Monitor **mon** button: Press to tune in and hold onto weak signals.
11. PUSH TO TALK **C/PTT** button: Press to transmit. Press twice for Call tone.
12. Power On/Off **⏻** button: Press and hold the button to turn your unit ON/OFF
13. LED Torch
14. Belt Clip (LOCATED ON THE REAR)
15. Slide Switch: Slide to select the desired channel

Getting Started

Carefully remove your communicator from its Packing. If there is any visible damage, do not attempt to operate this communicator. Return it to the place of purchase

Removing the BELT CLIP:

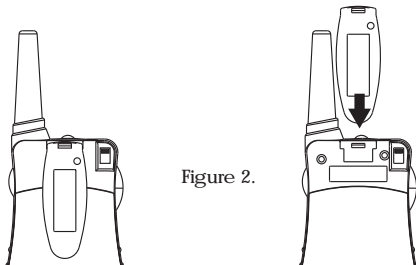


Figure 1.

Figure 2.

1. Pull the BELT CLIP LATCH away from the unit.
2. While pulling the BELT CLIP LATCH, push up on the BELT CLIP to remove it from the unit. See Figure 1.

Installing the Belt Clip:

1. Slide the BELT CLIP into the BELT CLIP SLOT. See Figure 2.
2. A "click" indicates the BELT CLIP is locked into position.


COMMUNICATOR MODEL 303

OWNER'S MANUAL AND OPERATING INSTRUCTIONS

Battery Level Indication:

When the BATTERY LEVEL is low, the LED will flash to indicate that the batteries need to be replaced. Also an alert beep tone will be heard once per 15 seconds.

Using The Torch:

Press and hold the Torch  button to shine the torch. The torch works even when the unit is switched OFF.

Troubleshooting

SYMPTOM	SOLUTION
No power.	<ul style="list-style-type: none"> = Check batteries. Ensure that the batteries are installed properly. = The batteries may be weak. = Replace old batteries with four (4) new "AAA" alkaline batteries or Ni-MH rechargeable batteries.
Reception is weak.	<ul style="list-style-type: none"> = Press the Up <i>s</i> button to increase VOLUME. = The receiving signal may be weak and/or out of range. = If this happens, press the MONITOR <i>mon</i> button.
Cannot change channels.	<ul style="list-style-type: none"> = To change channels, slide the Channel Switch to right position. = Batteries may be weak.
Range is limited.	<ul style="list-style-type: none"> = BATTERIES may be weak. = Replace with new batteries if the BATTERY LEVEL indicator is low. = The maximum range will vary depending on terrain and environment. = Open fields provide the maximum range, while steel/concrete structures, heavy foliage and use in buildings and in vehicles may limit the range significantly. = Wearing the radio close to the body, such as in a pocket or on a belt, will decrease range; change the location of the radio.
Sound distortion problems.	<ul style="list-style-type: none"> = If you are transmitting, speak in a normal tone of voice, 2 to 3 inches away from the MICROPHONE. = If you are receiving, lower the volume to a comfortable level. = Radios too close. Radios must be at least 5 feet apart; increase your distance. = Radios too far apart. Obstacles interfere with transmission. Talk range is up to 3 Km in clear unobstructed conditions.

Specifications

Channels Available	3 Channels	
Output Power (TX)	0.5W	
Battery Life	30 Hours (typical)	
Range	Up to 3 Km	
CHANNEL TABLE		
CHANNEL-SWITCH-POSITION	PMR CHANNEL NUMBER	FREQUENCY (MHz)
1	1	446.00625
2	4	446.04375
3	7	446.08125

NOTE: The maximum transmission range will vary depending on terrain and environment.