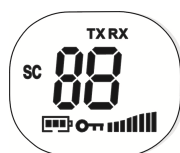


## 1.LCD Screen



**8** Channel Number. Changes from 1 to 8 as selected by the user.

Displays when battery level goes low.

**SC** Displays when Scan function is activated

Displayed when Key Lock function is activated

**TX** Displayed when transmitting a signal.

**RX** Displayed when receiving a signal.

Displayed the full volume level

## 2. Installation

### 2.1 Removing the Belt clip

- Pull the belt clip latch away from the PMR.
- While pulling the belt clip latch, push up the belt clip as shown in Fig. 1.

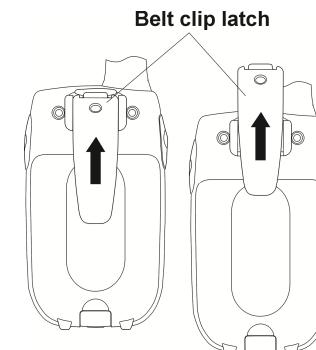


Figure 1

### 2.2 Installing the Belt clip

- Slide the belt clip into the slot as shown in Fig. 2.
- A "click" indicates the belt clip is locked into its position.

Figure 2

### 2.3 Installing the Batteries

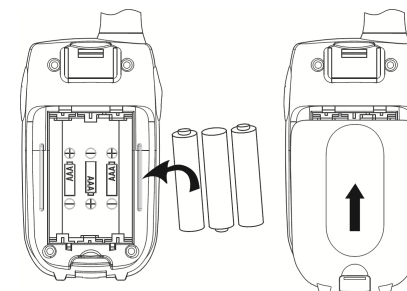


Figure 3

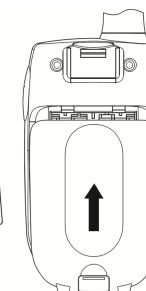


Figure 4

- Slide down the battery compartment cover.
- Insert the 3xAAA batteries. Position the batteries according to the polarity marking on the battery compartment. See Fig.3
- Replace the battery cover. See Fig. 4.

#### Notes:

- Use only same type and make of batteries on the PMR units.
- The PMR units have a built-in Power Saver (PS) for maximum battery life, but when not in use, turn the units OFF to save battery power
- Remove the batteries if the units will not be used for a long period of time.

### Battery meter




The battery icon is located in the left corner of the LCD panel. This battery icon will be displayed when low battery status. These indicate that the battery level reaches its minimum level, at this stage the handset will emit two beep tones and then it will automatically turn Off the power.

### Battery life



The PMR has a built in power saver feature to make the batteries last longer. But when you are not using the handset, it's better to switch off to save the battery power.

## 3. Operation

### 3.1 Turning the Unit ON/OFF

- 
- To Turn ON;
- Press and hold the  (Power) button. A special "beep" sound will be heard. The LCD screen will display the current channel.
- To switch OFF;
- Press and hold the  (Power) button. A special "beep" sound will be heard and the LCD screen will turn blank.


### 3.2 Adjusting the speaker volume

- 
- 
- There are 8 volume levels, the current speaker volume level is displayed on the LCD screen.
- To adjust the speaker volume level, press the (UP) button to increase, or press (DOWN) button to decrease. The LCD screen will display the speaker volume icon bars ascending, or descending respectively.

### 3.3 Receiving a Call

The unit is continuously in receive mode when the unit is turned ON and not transmitting. When a signal is received on the current channel, the receive signal icon "RX" will be displayed on the LCD screen.

### 3.4 Transmitting (sending)

- 
- Press and hold the PTT (Push to Talk) button to transmit your voice. The transmit signal icon "TX" will display on the LCD screen.
  - Hold the unit in a vertical position with the Mic (Microphone) 5 cm away from the mouth. While holding the PTT button, speak into the microphone in a normal tone of voice.
  - Release the PTT button when you have finished transmitting.






### Important:

- In order for other people to receive your transmission, they must also be on the same channel that you are currently using. Refer to the "Changing Channel" section for more information.*
- When the PTT and/or CALL buttons are continuously pressed, your PMR cannot receive any transmissions.*

### 3.5 Roger Beep

The Roger Beep is a tone which is automatically transmitted whenever the PTT button is released. This alerts the receiving party that you have ended the transmission, and you are now in receive mode.



### 3.6 Changing Channels

- 
- The PMR has 8 available channels. To change channels, in normal mode;**
- Press the  (Menu) button, the channel icon "1" on the LCD screen will start blinking.
  - While the Channel icon is blinking, press the  or  button to select the desired channel. The channel changes from 1 to 8, or vice versa.
  - Press the  (Menu) button to confirm your setting and return to the standby mode.

### Note:

*Refer to the "Channel Table" section of this Owner's Manual for detailed frequency listing.*

### 3.7 Calling (Paging) Tone

- 
- You can use the CALL button to send a tone to other users on the same channel. To activate this feature;
- With the PMR in normal mode, press and release the  button. The unit will transmit a 2-second page tone to the other unit/s set with the same channel within transmitting range.

### 3.8 Channel Scan



Your radio can scan the 8 channels to any activity. This allows to find other radios without having to change the channel.

To activate this feature:

- a. Press and hold the and button at the same time and channel scanning will start immediately, with SC displayed on the screen and the channel number cycling through the channels. When a signal is detected, the unit will pause on that channel, while receiving the signal and for a further 3 seconds.
- b. Press the **PTT** button to stop scanning and talk on that channel, or press the or button to manually start the scanning.
- c. To stop the scanning, press the button and return to standby mode.

### 3.9 Monitor Feature

You can use the Monitor feature to check for weaker signals in the current channel.

- a. Press and hold the and button at the same time. The receiving icon "RX" appears on the display. Your handset will pick up any signals on the current channel.
- b. Press the button to stop the monitoring

### 4.0 To Lock the Buttons

With the buttons lock you can still transmit (TX), or call the current channel, but you can not change the volume. To activate this feature;

In the standby mode, press and hold the until the icon appears on the LCD screen.

#### To unlock the buttons

Press and hold again the button until the icon disappears on the LCD screen.

## 5. Auxiliary Features

### 5.1 Power Saving

Your PMR unit has special circuitry designed to extend the life of your battery. When the unit is not used for 4 seconds, it will automatically switch into a low power mode. The Power feature does not affect the PMR ability to receive transmissions. When a signal is detected, it automatically returns to full power mode.

### 5.2 Low Battery Meter Indicator



The PMR can detect the low battery level when battery voltage goes low. The battery icon will display the low battery status as follows.

When battery voltage at low battery level. The empty battery symbol will appear at this stage and continue to blink. The battery icon will continue to blink until it totally drains the battery voltage.

**Note:** To have good communication, once the battery reaches a low battery level, replace the batteries with new ones.

### 5.3 Microphone/Earphone/Charger Jack

The SMR 130 is equipped with an auxiliary microphone, earphone, and charge jack located at the opposite side of the **PTT** button.

Note: It requires a microphone/earphone with a 2.5mm, 3-pole jack connector and this is not supplied with your SMR 130.

### 5.4 Using a Hands free kit (Headset)

You can plug a hands free kit into the right side of your FX-238 handset. With the hands free kit, by pressing the PTT button to transmit and talk with other radios.



### 5.4 Specifications

Channels Available	8 Channels
Output Power (TX)	0.5 W
Range	Up to 5 Km.

Channel Frequency Table

Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	446.00625	5	446.05625
2	446.01875	6	446.06875
3	446.03125	7	446.08125
4	446.04375	8	446.09375