



BRONDI

FX-3 TWIN PMR 446

8 Channel 2-Way Radios

Instruction manual



English manual

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Included In Your Package

When you unpack your PMR Radio, you should find the following items enclosed in the package:

- 8-channel PMR unit-2PCS
- Belt-Clip -2PCS
- This manual



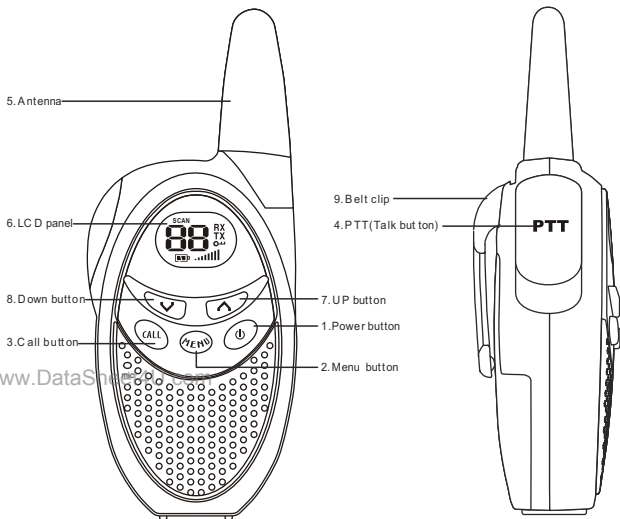
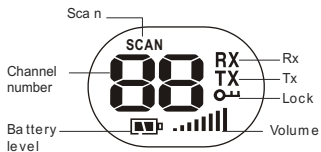
X 2pcs



X 2pcs

Controls and Displays

1. Power Button
2. Menu Button
3. Call Button
4. PTT(Talk Button)
5. Antenna
6. LCD Panel
7. Up Button (Change Channel and Volume)
8. Down Button (Change Channel and Volume)
9. Belt clip



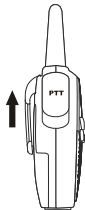
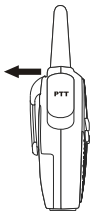
Battery Installation

To use the radio, you must install 3 AAA size batteries.

Caution: incorrect positioning of the batteries can damage both the batteries and the unit.

To install the batteries:

- Remove the belt clip by pulling the tab on the top of the belt clip back, and sliding it up and off of the unit.
- Slide the battery door down to release the battery cover.
- Insert three AAA batteries. Position the batteries according to the polarity markings on the plastic.
- Replace the battery cover. Snap the belt clip back into place.



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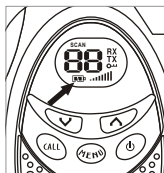
- Do not mix old and new batteries.
- Do not mix alkaline, standard (carbon-zinc), or rechargeable batteries.

Battery Meter

The battery meter is located in the bottom left corner of the LCD display panel on the unit. It looks like a battery with vertical bar inside. As the power is used up, the bar will disappear.

Low Battery Indicator

When the batteries need to be changed, the battery vertical bar inside will disappear. To ensure uninterrupted communication, replace the batteries as soon as possible.



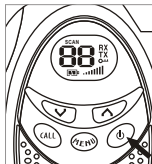
Note:

Always use alkaline batteries for replacements. If you store your radio for long periods of time, always remove the batteries. Batteries may corrode and leak when left unused over long periods of time, and permanently damage your radio.

DO NOT PUT BATTERIES INTO FIRE OR EXPOSE TO HIGH HEAT. THEY MAY EXPLODE.

Turning On Your PMR

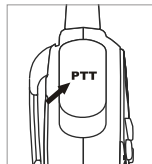
Push & hold the Power button for at least 2 seconds to turn the PMR radio **ON** or **OFF**. The unit will beep, the LCD panel will display information about your radio, and the panel will be illuminated by a orange light for several seconds.



Communication

You can communicate two ways with your new PMR radio. There are 8 channels available to you, You can either talk directly to others and hear their response, or you can call or page them with an audible tone.

The PMR radios can only communicate when either the **PTT** button (for speech), or the **CALL** button (for paging) is pressed. The unit can only receive when both buttons are fully released.

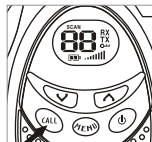


Receiving Communication

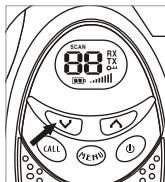
When your PMR unit is turned on and is not being used to transmit voice communication or pages, it is always in the listening mode.

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You cannot receive any transmissions when the **PTT** or **CALL** buttons are pressed, even if you aren't saying anything. Pressing these buttons automatically overrides and turns off the receive mode.

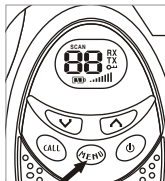


When you are using the unit in conversation, you must release the **PTT** and/or **CALL** buttons to hear the responses of the other people. Failure to do so will keep your unit in transmission mode, preventing you from hearing other units.



Respond Prompt Tone

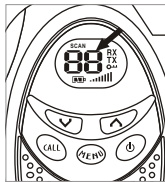
When the person talking to you from another radio finishes speaking and releases his **PTT** button, you will hear a tone from your unit. This means that the other radio is now in receive mode, and you can begin your transmission.



Adjusting the Speaker Volume

The **Up** and **Dn**(DOWN) Buttons control the volume, change channels and program the PMR.

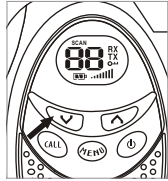
- Press the **UP** button to increase volume.
- Press the **DN** button to decrease volume.
- The LCD displays the volume level by the number of bars on the screen.



Channel selection

Your **PMR** operates on one of eight preset channels. You can only talk to other radios that are set to the same channel as your unit. The chart on page 13 gives the frequencies on which your radio operates. To change the channel:

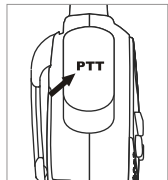
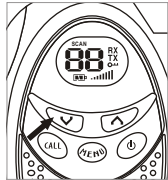
- Press the **MENU** (Channel Set) button. The icon " 1 " on the display panel will begin to flash.
- While the number is flashing, press the up or down arrow buttons until you reach the desired channel.
- Press the **MENU** (Channel Set) button again to set the channel.



If you do not press **MENU** the second time, The unit will automatically return to normal operation in ten seconds.

To speak to Another Radio

- Turn the volume up to an audible level.
- Press and hold the **PTT** button on the left side of the unit. The signal transmitting waves on the LCD display will appear.
- While pressing on the **PTT** button, speak into the microphone with your mouth 2 to 3 inches from the unit.
- When you finish speaking, release the **PTT** button immediately to hear the response



Range

Your PMR unit has a range of up to 5 km. This range can be decreased by certain atmospheric and environmental conditions at

the time of your conversation. Some conditions that affect range are:

- Buildings
- Dense trees or foliage
- Hilly or mountainous terrain

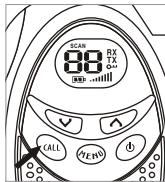
The best range will be in flat, open terrain, without obstructions. Using the function (monitor) to override the automatic squelch will help extend the range to the maximum limits.

Your range is also dependent on the battery condition of the radio, the type of terrain where you are located, and the strength of the signal from the transmitting radio.

Calling(Paging) Another Radio

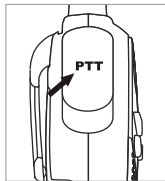
To send a page, or CALL

- Make sure both units are on.
- Turn the volume up to an audible level.
- Press and release the **Call** button on the front of your radio.



The other unit will make a 2 second call (page) tone. They can then respond to your call by either:

- Pressing the **PTT** button and speaking into the radio.
- Pressing the **Call** button, which activates a 2 second call (page) tone on your radio.

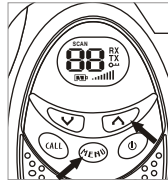


Channel Lock

This feature locks the channel adjustment buttons on the front to the unit so that the channel cannot be changed accidentally.

To Lock the channel:

- Press and hold the **MENU** button until "🔒" appears on the display.



To Unlock the channel:

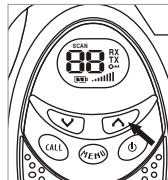
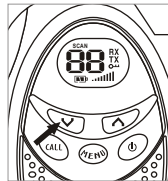
- Press and hold the **MENU** button until "🔒" disappears from the display.

Channel Scan

Your radio can scan across its 8 channels for any activity. This allows you find other radios without having to change channels.

To scan:

- Press and hold the **UP** or **DN** for 3 seconds
- The channel display will change as it scans through the channels.
- When a signal is detected, the unit will pause and listen for 3 seconds.
- Press the **PTT** button to stop the scan and communicate, or the **UP** or **DN** button to continue.
- To stop the scanning operation, press the **MENU** button again.



Monitoring the current channel

Normally PMR will not pick up very weak signals. But you can monitor the current channel for all sounds.

TO activate the monitoring feature

- Press the **MENU** and **UP** button at the same time. Your handset will pick up any signals on the current channel, including pick up any signals on the current channel. Including background noise.
- Press **MENU** button to stop monitoring

Automatic Battery Save

Your PMR unit has special circuitry designed to extend the life of your battery. When the radio is not used for 4 seconds, it will switch itself into a low power mode.

Battery Save does not affect the radios ability to receive transmissions. When a signal is detected, it automatically returns to full power.

PMR Channel Frequencies

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

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BRONDI

Brondi Telefonia S.P.A

info@brondi.it

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