

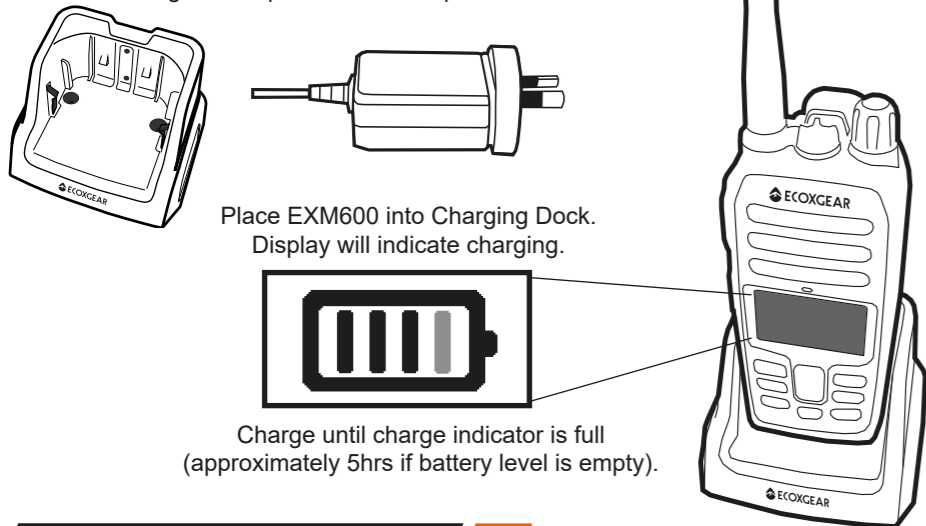
6W Watt IP67 VHF MARINE Handheld Radio EXM600 USER GUIDE

Charge the Battery 1

Battery pack is pre-installed with battery cover fastened. Removeable antenna and belt clip are also pre-attached.

Setup the Charging Dock:

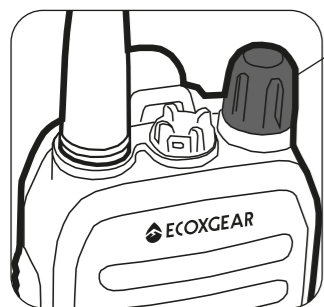
Connect AC Adaptor to Charging Dock. Plug AC Adaptor to 240V AC power outlet.



Place EXM600 into Charging Dock. Display will indicate charging.

Charge until charge indicator is full (approximately 5hrs if battery level is empty).

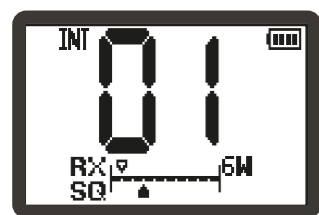
Power ON/OFF | Volume 2



Turn clockwise to turn Power On. Turn fully anti-clockwise to turn Power Off. When power is on, rotate to adjust Volume.

After the ECOXGEAR logo appears, the display will change to the Active mode, indicating the current channel and settings, and Live RSSI graphic.

If there is no signal activity for 8 seconds the display will change to the Simple mode display.



Active Mode Display

No activity (~8sec) → Activity



Simple Mode Display

Selecting a Channel 3



There are three ways to navigate to a channel.

Main Method:

Press **UP** or **DOWN** to change channel one step at a time. (Press **and hold** to change channels rapidly.)

One-Touch 16/P Shortcut Key:

Press **16/P** to recall the Priority Channel (Default is CH67). To store the current channel as the Priority Channel, press **and hold PRI**.

16 / P

Channel Usage 4

The EXM600 operates in the VHF Marine Band. Default channel setting is the International Band. Visit the ACMA website for details of VHF Marine Radio Frequencies and Channel usage.

Designated Channels

- Channel **16** is the Distress, Safety and Calling channel.
- Channel **67** is supplementary to channel 16.
- CH.13 Ship-to-ship safety info

NOTE: CH70 is not available on the EXM600

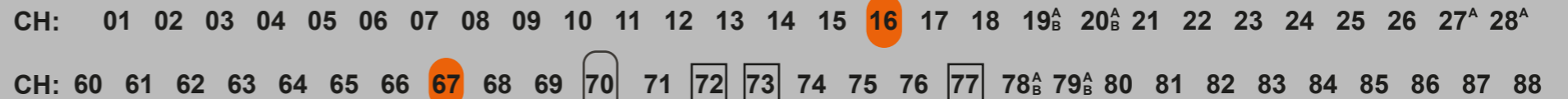
General Use Channels

- CH.72, 73, 77 Non-commercial operations & recreational vessels.
- CH.77 Ship-to-ship working

Commonly used for...

- CH.71, 72, 77 Professional fishing operations
- CH.21, 22, 80, 81, 82 Talk through repeaters
- CH.6*, 8, 72, 74, 78 Commercial Operations
- CH.6*, 8-14, 20, 68, 72, 79 Port Operations

*Also used for on-scene air/sea SAR operations



LISTENING: Receive (RX) Basics 5

Live RSSI (Receive Signal Strength Indicator)

The Live RSSI graphic (*Patent Pending*) shows the signal activity on the current channel.



RX is the signal level on the current channel. The signal point indicates the strength of the signal, increasing from left to right.

RX means a receive signal strong enough to pass the squelch point. You should hear something through the radio's speaker when RX is showing - adjust the volume if necessary.

SQ is Squelch. The squelch keeps the radio's speaker muted.

▲ is the squelch point, the threshold allowing signals to un-mute the radio's speaker.

MENU

Press **MENU** and use up/down to adjust the squelch level between 00 (off) and 01-09. Press and **hold MENU** again to save the new setting.



NOTE

OPERATING RULES | Priorities

- Read all rules and regulations pertaining to priorities and keep an up-to-date copy handy. Safety and distress calls take priority over all other calls.
- You must always monitor Channel 16 when you are not operating on another channel.
- False or fraudulent distress calls are prohibited under law.



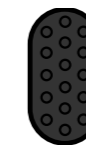
NOTE

Privacy

- Information overheard, but not intended for you, cannot be used in any way by law.
- Indecent or profane language is prohibited.

TALKING: Transmit (TX) Basics 6

Always listen on a channel, or check the LiveRSSI, to ensure it is not already being used before transmitting.



To talk, press **and hold** the **PTT** (Push to Talk) key. Hold the radio 5 to 7 cm away from your mouth and speak towards the microphone located just above the display. When you are finished speaking, release **PTT** to listen.



TX and the current power setting will display while PTT is held.



Press to Transmit at maximum allowable TX power (nominally 6W).

Press to change the Transmit power setting between 6Watt, 3Watt and 1Watt. 6W, 3W or 1W appears on the display.



The radio will float with supplied batteries installed and with the antenna, battery cover and accessory jack cover fully connect and sealed.



Water resistant level.

Note: The radio, with battery cover, antenna and accessory cover fully sealed, will resist water to the water-proof/submersible IP67 level.



NOTE

Operators License

Under normal circumstances this radio should only be operated by a qualified person. More information regarding qualified persons can be found at www.acma.gov.au/theACMA/marine-radio-qualifications.

For boaters, the Australian Waters Qualification is a must have VHF radio qualification and is ideal for casual boaters who only need to operate a marine radio in Australian waters (within 12 nautical miles of the coast). A Marine Operators Certificate is the license most often held by small vessel radio operators when a radio is not required for safety purposes. Only a licensed radio operator may operate a radio. However, non-licensed individuals may talk over a radio if a licensed operator starts, supervises, ends the call and makes the necessary log entries.

A current copy of the applicable government rules and regulations is only required to be on hand for vessels in which a radio telephone is compulsory. However, even if you are not required to have these on hand it is your responsibility to be thoroughly acquainted with all pertinent rules and regulations.

