



RCA
Communications Systems

VHF Marine Handheld Radios



MR240

SUBMERSIBLE & FLOATING

The RCA MR240 Marine Portable is a commercial grade, 5 Watt VHF marine radio designed with fully submersible IPX7 body. It floats and flashes when dropped in water. If you drop this floating radio overboard, it's easier to find than ever, day or night.



MR240 FEATURES

Fully Submersible – Fully submersible construction equivalent to IPX7 for 1m depth for up to 30 minutes.

Floating and Flashing – At the bottom of each radio is a light that blinks while floating in the water. The LED light is noticeable in the dark (like a flashing fishing float) so the radio can easily be found while in the water. The light works even when the radio is turned OFF.

Vibrates to Removes Water from the Speaker – The RCA MR240 comes standard with a new technology that helps clear water from the speaker. This vibrating function emits a vibrating beep that helps remove water, which can muffle the sound coming from the speaker, from the speaker housing.

Small and Light – The MR240 has a very compact and lightweight design yet delivering full 5 watts of power.

Energy-Saving 3.7V Circuit – Powered by a slim 3.7V Lithium-Ion battery pack, B2415LI, that reduces the size, weight of the radio and produces full 5 Watts of Power alongside a powerful and clear 600mW audio. The battery provides 10 hours of operating time.

Easy to see large LCD – The large, easy to see LCD (32 x 16 mm) offers a clear 2-digit channel number indication.

Dual / Tri-Watch Function – Allows you to monitors Channel 16 and / or a call channel while you are receiving on another channel.

Volume loud and mute functions – The volume loud/mute functions temporarily change the volume to the maximum/minimum level with two touches of a button. Depending on the background noise level, you can easily change the volume level to capture the received message.

Industry Leading Warranty – Backed by a Three (3) Year Warranty.

ACCESSORIES:



Li-Ion Battery
B2415LI



Belt Clip
BC240



6" Antenna
ANH240V-6 156-161



Power Supply
PS2401



MR240

- ① **PTT (Push-to-Talk) Key**
- ② **On-Off/Volume Knob**
- ③ **6" Antenna**
- ④ **Speaker**
- ⑤ **Microphone**
- ⑥ **Large, Easy to See LCD**
- ⑦ **Keypad/Menu Keys**

SPECIFICATIONS

GENERAL	
Frequency Range	TX- 156.025-157.425 MHz/RX- 156.050-163.275 MHz
Battery	1500mAh / 5.55Wh 3.7V Lithium Ion Battery (10 Hours of Operating Time)
Battery Life	Approx. 10 hours, high transmit power 1700 mAh battery, 90:5:5 duty cycle
Current Drain (at 3.7V DC)	Tx High- 2.3A / Rx AF max.- 350mA typ. Power Save- 8mA typ.
Channels	INT, USA, CAN, WX Channels
FCC Emissions	16K0G3E (FM) / 16K0G2B (DSC)
Antenna Impedance	50Ω (Stud)
Conformance	FCC, IC
Environmental Protection	IPX7 Certified
Mil Specs	MIL-STD-810 C, 810 D, 810 E, 810 F, 810 G
Operating Temperature	-4°F (-20°C) to +140°F (60°C)
Dimensions	4.5" x 2.25" x 1.5" / 113 x 54 x 33.5mm
Weight	9.2oz (260g) with battery
TRANSMIT	
Output Power	1 to 5 Watts (3 programmable levels)
Max. Frequency Deviation	±5kHz
Frequency Stability	±10ppm
Spurious Emissions	-68dBc typ.
Adjacent Channel Power	70dB
Audio Harmonic Distortion	Less than 10% (at 60% dev.)
Residual Modulation	40dB
RECEIVE	
Sensitivity (at 12dB SINAD)	0.25µV typ.
Squelch Sensitivity	0.35µV typ. (at threshold)
Adjacent Channel Selectivity	70dB typ.
Spurious Response	70dB typ.
Intermodulation Rejection	70dB typ.
Hum and Noise Ratio	40dB
Audio output power (at 10% distortion, 8Ω load)	600mW typ.