

GMDSS Portable for Survival Craft

Specifications

General	
Frequency Range (Tx/Rx)	156.300–156.875MHz
Mode	FM (16K0G3E)
Power supply requirement	7.5/7.2V DC nominal
Current drain (at 7.5/7.2V DC)	Tx 2W output 1.0A 1W output 0.7A Rx AF max. 200mA
Operating temperature range	
USA Version	-20°C to °60°C; -4°F to +140°F
General Version	-20°C to +55°C
Antenna Impedance	50Ω (SMA fixed type)
Dimensions (W×H×D)	65 × 145 × 44 mm;
(Projections not included)	29/16 × 523/32 (H) × 123/32 in
Weight (approx.)	385g; 13.6oz (with BP-234)

Transmitter	
Output power	2W/1W (Hi/Low)
Max. frequency deviation	±5.0kHz
Frequency Error	
USA Version	±5.0ppm
General Version	±1.5kHz
Spurious emissions	
USA Version	-70dBc typical
General Version	0.25μW (30MHz–1GHz) 1.00μW (1GHz–2GHz)
Adjacent channel power	70dB
FM Hum and noise ratio	40dB
Audio harmonic distortion	Less than 10% (at 60% mod.)

Receiver	
Sensitivity	
USA Version	0.25μV (at 12dB SINAD)
General Version	-2dBμ typ. (emf: 20dB SINAD)
Squelch sensitivity	
USA Version	0.35μV typ. (at threshold)
General Version	0dBμ typ. (emf: at threshold)
Adjacent Channel Selectivity	70dB
Spurious response	70dB
Intermodulation Rejection	
USA Version	70dB typ.
General Version	68db
Hum and noise ratio	40dB
Audio output power	
USA Version	0.35W typ.
General Version	0.2W

To comply with the requirements of GMDSS survival craft radio, the primary battery pack, BP-234, is required.

Measurement made in accordance with TIA/EIA-603 and FCC part 80.271 for USA version. All stated specifications are subject to change without notice or obligation.

Supplied Accessories

- Battery pack, BP-234
- Battery pack, BP-224
- Battery charger, BC-158
- AC adapter, BC-147A/E*
- Belt clip, MB-103Y
- Antenna, FA-S61V
- Neck strap

* Depending on version