

IC-GM1600E



GMDSS Portable for Survival Craft

- **Meets the strict environmental requirements for survival craft radio**

The IC-GM1600E meets temperature, thermal shock, vibration and drop resistant (from 1 m height) requirements. After passing those environmental tests, the IC-GM1600E retains 1m depth waterproof construction as specified by IMO resolutions A.694 (17), MSC149 (77) and related specifications.

- **Optional high capacity Lithium battery, BP-234, has superior low temperature characteristics**

Provides more than 8 hours operating time even at -20°C .
(Duty cycle: Tx: Rx: Stand-by = 6: 6: 48)

- **Large keypad with positive button action**

- **Wide viewing angle LCD display**

- **Meets MED 2014/90/EU, "Wheel mark" requirements**



- **Other features**

- One touch access to Channel 16 and call channel
- Highly visible yellow colored body
- Bright LED indicator on the top of panel



SPECIFICATIONS

GENERAL

- Frequency range Tx/Rx : 156.300–156.875MHz
- Mode : FM (16K0G3E)
- Power supply requirement : 7.2V DC nominal
- Current drain (approx. at 7.2V DC) :

Tx	2W output	1.0A
	1W output	0.7A
Rx	AF max.	200mA
- Operating Temp. range : –20°C to +55°C
- Antenna impedance : 50Ω (SMA fixed-type)
- Dimensions (W×H×D) : 65×145×44 mm (projections not included)
- Weight (approx.) : 385g (with BP-234)

TRANSMITTER

- Output power : 2W/1W (Hi/Low)
- Max. frequency deviation : ± 5.0kHz
- Frequency error : ± 1.5kHz
- Spurious emissions : 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% deviation)

RECEIVER

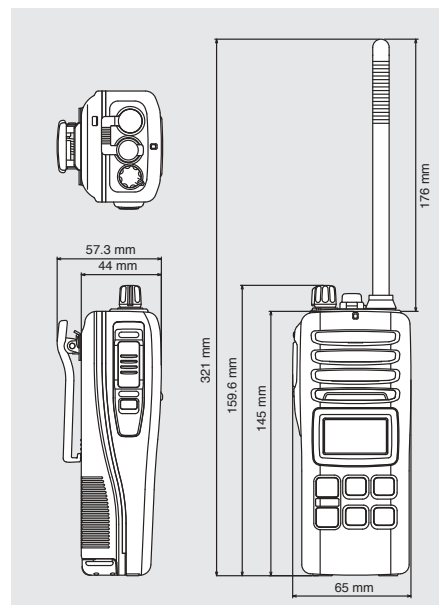
- Sensitivity (20dB SINAD) : –2dBμ typ. (emf)
- Squelch sensitivity : ±0dBμ typ. (emf) (at threshold)
- Adjacent channel selectivity : 70dB
- Spurious response : 70dB
- Intermodulation rejection : 68dB
- Hum and noise ratio : 40dB
- Audio output power : 0.2W (at 10% distortion with an 8Ω load)

Supplied accessories: (* Depending on version)

- Battery pack, BP-252* • Battery charger, BC-173*
- AC adapter, BC-147* • Belt clip, MB-103Y
- Antenna, FA-S61V (fixed) • Neck strap

Measurement made in accordance with IEC61097-12.
All stated specifications are subject to change without notice or obligation.
To comply with the requirements of GMDSS survival craft radio, the primary battery pack, BP-234, is required.

DIMENSIONS



OPTIONS

LITHIUM BATTERY PACK



BP-234

<For survival craft>
BP-234 Lithium battery pack
9.0V/3300mAh primary battery pack for GMDSS survival craft radio.

Li-Ion BATTERY PACK



BP-252

<For on-board use>
BP-252 Rechargeable Li-ion battery
7.4V/940mAh (min), 980mAh (typ.).
Same as supplied with some versions.

REGULAR CHARGER



BC-147

BC-173

<For on-board use>
BC-173 DESKTOP CHARGER
+ **BC-147***¹ AC ADAPTER
Regularly charges the battery pack, BP-252 in 10 hours (approx.).

*1 BC-147SE for 230V AC. SA for 120V AC. SV for 240V AC.

BELT CLIP



MB-103Y

MB-103Y BELT CLIP
Alligator type belt clip. Same as supplied.

Les spécifications et informations données dans ce document peuvent être modifiées sans préavis. La configuration du poste peut varier suivant les versions.

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