

IC-GM1500 IC-GM1500E



Meets GMDSS specs. for survival craft

By 1999, all SOLAS convention ships operating internationally must comply with the GMDSS (Global Maritime Distress and Safety System) carriage requirements. These include specifications for survival craft handheld radios, requiring a minimum of 2 sets of such radios to be carried on cargo vessels of 300 to 500 GT; and a minimum of 5 sets to be carried on cargo vessels over 500 GT, as well as all passenger ships.

- **Waterproof construction**

Prevents water entry for at least 5 min. at 1 m depth.

- **Rugged construction**

Drop-resistant from a height of 1 m onto any surface.

- **Long life lithium battery available**

3600 mAh battery pack for 6 hours of use (Tx 10; Rx 13; Standby 80) at -20°C. A rechargeable Ni-Cd battery is also available.

- **Simple operation**

A minimum number of switches and controls with tactile feedback provide user-friendly operation.

And more

- All simplex, VHF marine channels required by GMDSS
- High gain, durable antenna
- One-push selection of on-16 and call channel
- A battery charger, battery pack*, high gain antenna, belt clip and belt strap are supplied with the transceiver.
*A Ni-Cd battery only or both Ni-Cd and Lithium batteries are supplied depending on version.



SPECIFICATIONS

Frequency range

155.5-166.875 MHz

Mode

FM (16K0G3E)

Channel spacing

25 kHz

Current drain (at 7.5 V)

Tx high 1.5 A
low 1.0 A
Rx max audio 500 mA
power saved 10 mA

Usable temperature range

-20°C to +60°C
-4°F to +140°F

Frequency stability

±0.0025% (-20°C to +60°C)

Weight

515 g; 1.1 lb oz

Output power

High 2 W Low 0.5 W

Modulation system

Variable reactance phase modulation

Maximum frequency deviation

±5 kHz

Spurious emissions

Tx 0.55 µW

Rx 2 µW

Sensitivity (for 20 dB S/NAC)

0.35 µV

Squelch sensitivity

Less than 0.3 µV

Adjacent channel selectivity

70 dB

Intermodulation distortion

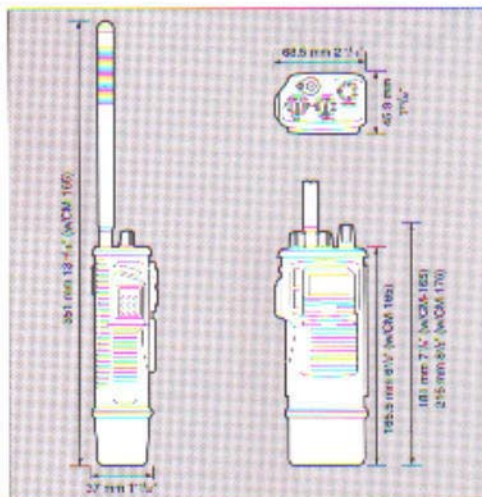
66 dB

Spurious response rejection ratio

70 dB

Audio output power

500 mW



All specifications are subject to change without notice or obligation.

OPTIONS

BATTERY PACKS

CM-165 BATTERY PACK

Ni-Cd rechargeable battery pack
Output: 7.2 V Capacity: 1200 mAh

CM-176 BATTERY PACK

Long-life lithium battery pack provides up to 8 hours of continuous operation.
Non-rechargeable.
Output: 7.2 V Capacity: 3600 mAh

CHARGERS AND CABLES

AD-49 BATTERY CHARGER + BM-95U AC ADAPTER

Tickle charger with 14 hrs. timer capability. The same as supplied with the U.S.A. versions.

AD-53 BATTERY CHARGER + BM-111E AC ADAPTER

Tickle charger with 14 hrs. timer capability. Weather-resistant construction. The same as supplied with the European versions.

BC-119 DESKTOP CHARGER + AD-68 DESKTOP CHARGER ADAPTER

For rapid charging a battery pack. An AC adapter and the AD-75 may be supplied with the charger depending on version. Charging time: 1 to 1.5 hrs.

BC-121 MULTI-CHARGER + AD-68 DESKTOP CHARGER ADAPTER

For charging up to 6 batteries simultaneously. An AC adapter may be supplied depending on version. Six AD-50's are necessary. Charging time: 1 to 1.5 hrs.

BC-124 AC ADAPTER

Used for BC-121. Output voltage/current: 12 V/7 A

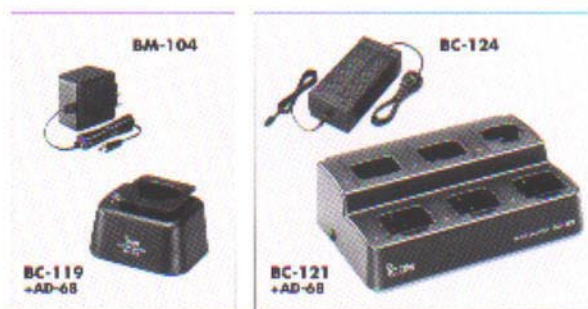
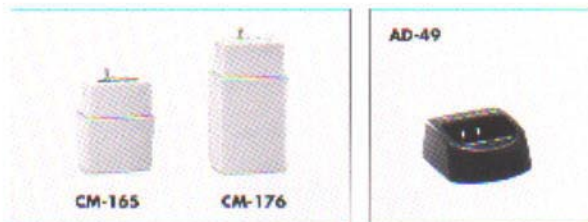
CP-1 CIGARETTE LIGHTER CABLE

Connects to a ship's or vehicle's 12 V cigarette lighter socket for use with the AD-49 or AD-53.

OTHER

MB-25 MOUNTING BRACKET

Wall-type. For mounting the transceiver on a wall or bulkhead.



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