Three Color Choices

Smart Features

Slim, Lightweight, High Performance
USB Charging (Micro-B USB type)
11 Hours of Battery Life

Large LCD, Simple User Interface
Float’n Flash

Optional Speaker-Microphone, HM-213

*For illustration purpose only
FEATURES

Slim, Lightweight, High Performance

The IC-M25 has the slim (depth: 30.5 mm; 1.2 in) and light (220 g; 7.8 oz) body. It also delivers uncompromised performance that will exceed expectations.

Large LCD, Simple User Interface

The IC-M25’s LCD is 30% larger than its predecessor, the IC-M24 and shows clearly large channel number and status icons. The buttons on the front panel are well laid out and provide simple and straightforward operation.

USB Charging (Micro-B USB type)

A standard USB connector (Micro-B type) is used for charging the IC-M25. Cigarette lighter cables or mobile batteries for charging smartphones or other devices can be used with the IC-M25.

Float’n Flash

The IC-M25 floats and lets you know where it is with the flashing red LED light and LCD/key backlight.

11 Hours of Battery Life

The built-in 1500 mAh lithium-ion battery allows 11 hours (approx.) of long operation*. * Typical operation with Tx (Hi): Rx: standby=5:5:90

Optional Speaker-Microphone, HM-213

The optional waterproof speaker-microphone, HM-213, provides commercial grade convenience while mounting the radio around the waist. The radio floats even when the HM-213 is attached.

550 mW Audio Output

The IC-M25 provides a powerful 550 mW (typical) audio output and received voice can be heard loud and clear.

Other Features

- IPX7 waterproof construction (1 m depth of water for 30 minutes)
- 4-step battery life indicator
- Weather channel with weather alert
- Dual/Tri-watch functions
- Instant access to Ch 16 or programmable call channel
- Favorite channel function
- Monitor function opens noise squelch
- Auto scan function
- LCD auto backlighting
- AquaQuake™ prevents audio degradation from a water-logged speaker

OPTIONS

Some options may not be available in some countries. Please ask your dealer for details.

USB CHARGER

BC-217SA/SE Charges built-in battery pack in 3 hours (approx.). SA for USA, SE for Europe plug.

SPEAKER-MICROPHONE

IPX7 Floats in water with the radio.

BELT CLIP

MB-133

ANTENNA

FA-SC59V

SUPPLIED ACCESSORIES:

- USB charger, BC-217SA*
- Belt clip, MB-133
- Hand strap
* Not supplied or may differ depending on version.

SPECIFICATIONS

GENERAL

Frequency range Tx Rx 156.025–157.425 MHz 156.050–156.375 MHz

Usable channel groups INT, USA, CAN, WX channels

Type of emission 16K0G3E (FM)

Power supply voltage 3.7 V DC nominal

Current drain

<table>
<thead>
<tr>
<th>Mode</th>
<th>Avg.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tx</td>
<td>2.3 A</td>
<td>300 mA</td>
</tr>
<tr>
<td>Rx (Internal SP/External SP)</td>
<td>2.3 A</td>
<td>300 mA</td>
</tr>
</tbody>
</table>

Operating temperature range -20°C to +60°C; -4°F to +140°F

Antenna impedance 50 Ω

Dimensions (W×H×D) 56.6×134.2×30.5 mm; (projections not included) 2.2×5.3×1.2 in

Weight (approximately) 220 g; 7.8 oz

(In FAA-SC69V and MB-133)

TRANSMITTER

Output power 5 W (approximately)/1 W

Max. frequency deviation ±5.0 kHz

Frequency stability ±10 ppm

Spurious emissions -68 dBc typical

Adjacent channel selectivity 70 dB typical

Intermodulation 70 dB typical

Audio output power (at 10% deviation) Internal SP 550 mW typical (12 Ω load) External SP 300 mW typical (4 Ω load)

Measurements made in accordance with TIA/EIA-603. All stated specifications are subject to change without notice or obligation.

Applicable IP Rating

Ingress Protection Standard

Water IPX7 (Waterproof protection)

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