

IC-M25EURO



VHF MARINE TRANSCEIVER





Float'n Flash™

Helps you to retrieve the radio from the water

14 Hours Operation in Eco Mode

Typical operation with Tx (Mid): Rx: Standby=5:5:90

I USB Type-C[™] Charging Port

Lightweight and Compact Body

Easy, One Hand Operation with Large Buttons and Enhanced Grip Texture

IPX7 Waterproof Design

1 m depth of water for 30 minutes

Loud 700 mW Audio Output with Clear Sound

4-step Battery Life Indicator

IC-M25EURO

FEATURES

Float'n Flash™

If the IC-M25EURO EVO is accidentally dropped into water, it floats, flashes, and emits an alarm, reducing the risk of loss during water activities.

Enhanced Practical Design

The IC-M25EURO EVO is built for practicality. featuring an improved side grip texture for a secure, anti-slip hold even with wet hands. Large, user-friendly buttons ensure easy operation for channel navigation and many other functions.

Lightweight and Compact Body

Weighing just 228 g and with a slim body depth of 31.2 mm, the IC-M25EURO EVO is lightweight and easy to carry for extended periods. Its compact body allows for seamless one-handed operation during activities.

14 Hours Operation in the Eco Mode

The IC-M25EURO EVO offers up to 14 hours* of extended operation with its power-saving Eco Mode. By reducing transmit power to 2.5 W, the operating time increases by approximately 30% compared to the standard 5 W output. This long battery life makes it ideal for your adventures.

Typical operation with Tx (Mid): Rx: Standby=5:5:90

USB Type-C™ Charging Port

Adopting a USB Type-C[™] port, which is commonly used worldwide, it charges the battery pack in approximately three hours. Additionally, charging with portable batteries* (user supplied), provides added convenience and mobility. * USB PD is not supported.

Loud and Clear Audio

With a powerful 700 mW audio output. the IC-M25EURO EVO delivers loud and clear sound, ensuring reliable communication even in noisy environments with engine noise or wind interference.

Other Features

- IPX7 waterproof construction (1 m depth of water for 30 minutes)
- AquaQuake[™] water draining function
- 4-step battery life indicator
- 2-step power save function
- Dual/Tri-watch functions*
- Instant access to CH 16 or programmable call channel
- Favorite channel function
- Monitor function opens noise squelch
- Auto scan function*
- * Not available in the NLD version

SPECIFICATIONS

GENERAL	
Frequency range Tx	156.000 ~ 161.450 MHz
Rx	156.000 ~ 163.425 MHz
Usable channel groups	INT, USA*, ATIS* channels
	* Depending on version
Type of emission	16K0G3E (FM)
Power supply voltage	3.7 V DC nominal
Current drain (at 3.7 V DC)	
Tx (5 W)	2.3 A
Rx (Max. audio)	400 mA (INT SP)/230 mA (EXT SP)
Operating temperature range	–15°C ~ +55°C
Antenna impedance	50 Ω
Dimensions (W \times H \times D)	56.5 × 134.0 × 31.2 mm
(projections not included)	
Weight (approximate)	228 g
	(With antenna and MB-133)
TRANSMITTER	
Output power	Aproximate 5 W/2.5 W/1 W
Max. frequency deviation	±5.0 kHz
Max. frequency deviation Frequency stability	±5.0 kHz ±1.5 kHz
Frequency stability	±1.5 kHz
Frequency stability Spurious emissions	±1.5 kHz Less than 0.25 μW
Frequency stability Spurious emissions Adjacent channel power	±1.5 kHz Less than 0.25 μW More than 70dB
Frequency stability Spurious emissions Adjacent channel power Residual modulation	±1.5 kHz Less than 0.25 µW More than 70dB More than 40dB
Frequency stability Spurious emissions Adjacent channel power Residual modulation RECEIVER	±1.5 kHz Less than 0.25 µW More than 70dB More than 40dB
Frequency stability Spurious emissions Adjacent channel power Residual modulation RECEIVER Sensitivity	±1.5 kHz Less than 0.25 μW More than 70dB More than 40dB -6 dBμ emf typ. (at 20 dB SINAD) -6 dBμ emf typ. (at threshold)
Frequency stability Spurious emissions Adjacent channel power Residual modulation RECEIVER Sensitivity Squelch sensitivity	±1.5 kHz Less than 0.25 μW More than 70dB More than 40dB -6 dBμ emf typ. (at 20 dB SINAD) -6 dBμ emf typ. (at threshold)
Frequency stability Spurious emissions Adjacent channel power Residual modulation RECEIVER Sensitivity Squelch sensitivity Adjacent channel selectivity	±1.5 kHz Less than 0.25 μW More than 70dB More than 40dB -6 dBμ emf typ. (at 20 dB SINAD) -6 dBμ emf typ. (at threshold) More than 70dB
Frequency stability Spurious emissions Adjacent channel power Residual modulation RECEIVER Sensitivity Squelch sensitivity Adjacent channel selectivity Spurious response Intermodulation	±1.5 kHz Less than 0.25 µW More than 70dB More than 40dB -6 dBµ emf typ. (at 20 dB SINAD) -6 dBµ emf typ. (at threshold) More than 70dB More than 70dB More than 68dB
Frequency stability Spurious emissions Adjacent channel power Residual modulation RECEIVER Sensitivity Squelch sensitivity Adjacent channel selectivity Spurious response	±1.5 kHz Less than 0.25 μW More than 70dB More than 40dB -6 dBμ emf typ. (at 20 dB SINAD) -6 dBμ emf typ. (at threshold) More than 70dB More than 70dB More than 68dB 700 mW typ. (8 Ω load, at 1 kHz)

specifications are subject to change without notice or obligation.

Applicable IP Rating

Ingress Protection Standard	
Water	IPX7 (Waterproof protection)

OPTIONS

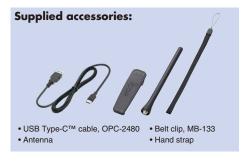
Some options may not be available in some countries. Please ask your dealer for details.











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