



VHF MARINE TRANSCEIVER

IC-M25EURO

Buoyant, Stylish and Easy to Use!



Float 'n' Flash feature plus...

*a style choice of **Marine Blue** or **Metallic Grey** flashes!*



Slim, Lightweight, High Performance



USB Charging (Micro-B USB type)



11 Hours Operating Time
(Typical operation with Tx (Hi): Rx: Standby = 5:5:90)



Large LCD and Simple User-Interface



Buoyant with Flashing Red LED



Optional Speaker Microphone

Slim, lightweight, easy to use

The IC-M25 is extremely lightweight, weighing only 220g. Its 30.5mm slim body is extremely comfortable to handle. Large LCD display and laser cut, curved shape buttons are well laid out and provide simple and straightforward operation. In fact, the IC-M25 LCD screen is 30% larger than its predecessor, the IC-M23, allowing you to clearly see the channel number and status icons.

USB Charging

The IC-M25 has a Micro-B USB connector and can be charged with the supplied AC adaptor, BC-217 in 3 hours (approx.). Third party USB charger products such as cigarette lighters or mobile battery for charging smart phones, tablets or digital cameras may be used with the IC-M25*.

* The IC-M25 accepts 5V/1A (Max.) input. Use of third party products is not guaranteed.

Buoyant with flashing red LED

The IC-M25 floats when dropped in water. Not only does the LCD and key backlight on the front panel flash, but also the red LED light blinks through the rear panel showing the place of the radio so that it can be easily retrieved.

11 Hours of Battery Life

The built-in 1500mAh lithium-ion battery allows 11 hours (approx.) of long operation*.

* Typical operation with Tx (Hi): Rx: standby=5:5:90

Optional HM-213 Speaker-Mic

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.

550mW Audio Output

The IC-M25EURO provides a powerful 550mW (typical) audio output making received voice loud and clear.

Other Features

- IPX7 waterproof construction (1m depth of water for 30 minutes)
- 4-step battery life indicator
- Dual/Tri-watch functions
- Instant access to Ch16 or programmable call channel
- Favourite channel function
- Monitor function opens noise squelch
- Auto scan function
- LCD auto backlighting
- AquaQuake™ draining function

SPECIFICATIONS

GENERAL		
Frequency range	Tx	156.000–161.450MHz
	Rx	156.000–163.425MHz
HOL version	Tx	156.000–161.600MHz
	Rx	156.000–163.425MHz
Usable channel groups	INT, USA*, ATIS* channels * Depending on version	
Type of emission	16K0G3E (FM)	
Power supply voltage	3.7V DC nominal	
Current drain (at 3.7V DC)		
Tx	2.3A	
Rx (Internal SP/External SP)	300mA/200mA (Max. audio)	
Operating temperature range	–15°C to +55°C	
Antenna impedance	50Ω	
Dimensions (W×H×D) (projections not included)	56.6×134.2×30.5mm	
Weight (approximately)	220g (With FA-SC59V and MB-133)	

TRANSMITTER	
Output power	5W (approx.)/1W/0.5W* * For only FRG version
Max. frequency deviation	±5.0kHz
Frequency stability	±1.5kHz
Spurious emissions	0.25μW
Adjacent channel power	70dB
Residual modulation	40dB

RECEIVER	
Sensitivity	–6dBμ emf typ. (at 20dB SINAD)
Squelch sensitivity	–6dBμ emf typ. (at threshold)
Adjacent channel selectivity	70dB
Spurious response	70dB
Intermodulation	68dB
Audio output power (at 10% distortion)	Internal SP 550mW typ. (12Ω load, at 1 kHz) External SP 200mW (4Ω load)

Measurements made in accordance with EN301-178-2. All stated specifications are subject to change without notice or obligation.

Applicable IP Rating

Ingress Protection Standard	
Water	IPX7 (Waterproof protection)

OPTIONS

USB CHARGER  BC-USB.001 Charges built-in battery pack in approximately 3 hours	SPEAKER-MICROPHONE IPX7  HM-213 Floats in water, just like the radio.	BELT CLIP  MB-133	ANTENNA  FA-SC59V
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Supplied accessories:**Communications (Southern) Ltd**

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