



# IC-M330GE

(With GPS Receiver)

# IC-M330E

(Without GPS Receiver)

VHF MARINE TRANSCEIVERS

## Top Performance Ultra Compact VHF



IC-M330GE Black version

- Ultra Compact Body (W x H x D; 156.5 x 66.5 x 88.2 mm)
- Easy Installation in Limited Space
- Easy-to-Read Full Dot-Matrix Display
- Intuitive User Interface
- New Speaker Delivers Dynamic, Clear Audio
- Class Leading Receiver Performance (IMD and Selectivity: more than 70 dB)
- Built-in Class D DSC with a CH70 Dedicated Receiver (IC-M330GE meets ITU-R M.493-14)
- GPS Receiver Built-in with Supplied GPS Antenna (IC-M330GE)
- AquaQuake™ Draining Function
- IPX7 Waterproof Construction (1 m depth of water for 30 minutes)
- Made in Japan Quality and Reliability



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**Ultra Compact Body, Flexible Installation**

The compact IC-M330E/GE measures only 156.5 (W) × 66.5 (H) × 88.2 (D) mm making it ideal for a cockpit where space is limited.

**Intuitive User Interface**

A combination of the directional keypad and soft keys provides simple, smooth operation. Most used functions are assigned to soft keys for quick one push function access.

**New Speaker Delivers Dynamic, Clear Audio**

A newly designed speaker delivers distortion-free clear audio even at full volume. It provides dynamic and clear audio over a wide bass and treble range.

**Class Leading Receiver Performance**

The IC-M330E/GE's receiver provides reliable communication in RF busy environment like a marina. (Selectivity and IMD: more than 70 dB)

**Built-in Class D DSC**

The radio monitors CH 70 continuously, even while you are receiving another channel. DSC functions include: distress, individual, group, all ships, urgency, safety, position request/report, polling request and DSC test calls.

**GPS Receiver Built-in (IC-M330GE)**

A built-in GPS receiver provides your location, bearing and speed by using information from GPS, GLONASS and SBAS. The acquired position information can be used for DSC calls.



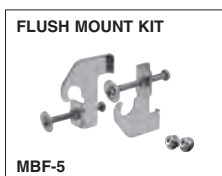
Supplied GPS antenna

**Made in Japan Quality and Reliability**

All Icom products are tested to pass rigorous in-house tests as well as environmental tests at the Wakayama Icom plant before shipping. Our world-leading products and quality is tradition.

**And More**

- IPX7 waterproof (1 m depth of water for 30 minutes)
- AquaQuake™ prevents audio degradation from a water-logged speaker
- Common NMEA interface for external GPS/NAV connection
- MA-500TR Class B AIS transponder compatible
- Tag scan and favorite channel functions
- Dual/tri-watch function for monitoring CH16 and/or call channel
- Priority scan function • Display and keypad backlighting
- External speaker connection
- 3-digit or 4-digit channel display selectable
- Supplied hand microphone, HM-235B/W, with channel up/down keys and a CH16/Call channel key

**OPTIONS****HM-235B/W**

HAND MICROPHONE  
Same as supplied.

**SPECIFICATIONS**

GENERAL		
Frequency range	TX	156.000–162.000 MHz
	RX	156.000–163.425 MHz
	CH70	156.525 MHz
Usable channels	INT, USA* channels * Available depending on version	
Type of emission	16K0G3E (FM), 16K0G2B (DSC)	
Power supply requirement	13.8 V DC nominal (10.8–15.6 V DC)	
Current drain		
	Tx 25 W output	5 A
	Rx Max. audio	1 A
Operating temperature range	–20°C to +60°C	
Antenna impedance	50 Ω (SO-239)	
Dimensions (W × H × D) (projections not included)	156.5 × 66.5 × 88.2 mm	
Weight (approx.)	730 g	
NMEA formats	In	RMC, GGA, GNS, GLL, VTG
	Out	DSC, DSE, RMC, GSA, GSV
TRANSMITTER		
Output power	25 W, 1 W	
Max. frequency deviation	±5.0 kHz	
Frequency stability	Less than ±0.75 kHz	
Spurious emissions	Less than 0.25 μW	

RECEIVER		
Sensitivity	Main DSC	–5 dBμ emf typ. (20 dB SINAD) –5 dBμ emf typ. (1% BER)
Squelch sensitivity	Main	Less than –2 dBμ emf
Adjacent channel selectivity	Main DSC	More than 70 dB More than 73 dBμ emf (1% BER)
Spurious response	Main DSC	More than 70 dB More than 73 dBμ emf (1% BER)
Intermodulation	Main DSC	More than 70 dB More than 68 dBμ emf (1% BER)
Hum and noise	More than 40 dB	
Audio output power (at 10% distortion, 4 Ω load)	More than 2 W	

Measurements made in accordance with EN 301 025-2, -3. All stated specifications are subject to change without notice or obligation.

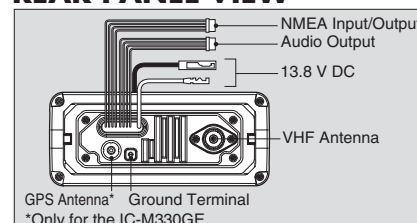
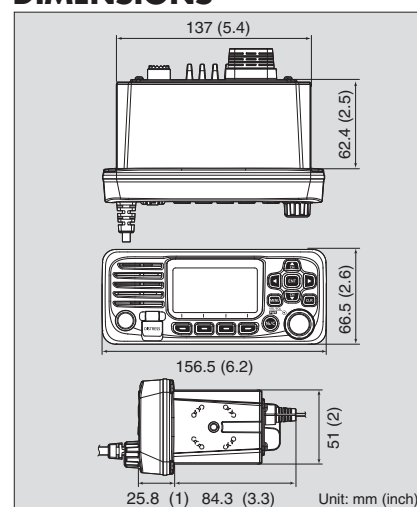
**Applicable IP Rating**

Ingress Protection Standard	
Water	IPX7 (Waterproof protection)

**Supplied accessories:**

- HM-235B/W hand microphone
- DC power cable
- Mounting bracket kit
- GPS antenna (5 m cable)\*

\* Only for the IC-M330GE.

**REAR PANEL VIEW****DIMENSIONS**

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