Top Performance Ultra Compact VHF

Ultra Compact Body
(W × H × D; 156.5 × 66.5 × 110.1 mm; 6.2 × 2.6 × 4.3 in)
Easy Installation in Limited Space

New Speaker Delivers Dynamic, Clear Audio

Built-in Class D DSC with a CH70 Dedicated Receiver
(IC-M330G meets ITU-R M.493-14)

Class Leading Receiver Performance
(IMD and Selectivity: more than 70 dB)

Intuitive Operation with
Icom Marine User Interface

GPS Receiver Built-in
with Supplied GPS Antenna (IC-M330G)

Easy-to-Read Full Dot-Matrix Display

IPX7 Submersible Construction
(1 m depth of water for 30 minutes)

AquaQuake™ Draining Function

Made in Japan Quality and Reliability
New Speaker Delivers Dynamic, Clear Audio
A new speaker design delivers dynamic and clear sound over a wide bass and treble range. The IC-M330/G provides a distortion-free clear audio even at full volume.

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.

Class Leading Receiver Performance
The radio provides reliable communication in RF busy environment like a marina. (Selectivity and IMD: more than 70 dB)

Intuitive Operation with Icom Marine 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.

GPS Receiver Built-in (IC-M330G)
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.

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 submersible (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 • Weather channel with weather alert
- Supplied hand microphone, HM-235B/W, with channel up/down keys and a CH16/Call channel key
- 3-digit or 4-digit channel display selectable

Icom, Icom Inc. and Icom logo are registered trademarks of Icom Incorporated (Japan) in Japan, the United States, the United Kingdom, Germany, France, Spain, Russia, Australia, New Zealand and/or other countries. AQUAQUAKE is a trademark of Icom Inc. (Japan). All other trademarks are the properties of their respective holders.

VHF MARINE TRANSCEIVERS
IC-M330G/IC-M330

Ultra Compact Body, Flexible Installation
The IC-M330/G has a palm-sized compact body (W×HxD; 156.5 x 66.5 x 110.1 mm; 6.2 x 2.6 x 4.3 in). The radio can be installed in limited space.

OPTIONS
CLASS B AIS TRANSPONDER
MA-500TR
EXTERNAL SPEAKER
SP-37
FLUSH MOUNT KIT
MBF-5

REAR PANEL VIEW

REAR PANEL VIEW

DIMENSIONS

SPECIFICATIONS
GENERAL
Frequency range
Tx  156.025–161.600 MHz
Rx  156.050–163.275 MHz
CH70
156.525 MHz
Usable channels
USA, CAN, INT, WX channels
Type of emission
100 kHz offset (60 kHz for CH70)
Power supply requirement
13.8 V DC nominal (11.7–15.8 V DC)
Current drain (at 13.8 V DC)
Tx  25 W output
5 A
Rx  AF max.
1 A
Operating temperature range
-20°C to +60°C; –4°F to +140°F
Antenna impedance
50 Ω (52±23 Ω)
Dimensions (W×H×D)
156.5 x 66.5 x 110.1 mm; 6.2 x 2.6 x 4.3 in
(projections not included)
Weight (approx.)
230 g; 0.5 lb
NMEA formats
In  RMC, GGA, GNS, GLL, VTG
Out  DSC, DSE, RMC, GSA, GSV

TRANSMITTER
Output power (at 13.8 V DC)
25 W, 1 W
Max. frequency deviation
±5 kHz
Frequency tolerance
±5 ppm
Spurious emissions
Less than –70 dBc (High)
Less than –56 dBc (Low)

RECEIVER
Sensitivity
Main
DSC
Less than –13 dBµ typ. (1% BER)
Less than –10 dBµ emf typ. (1% BER)
Squelch sensitivity
Less than –10 dBµ
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)
4.5 W typcal

Applicable IP Rating
Ingress Protection Standard
Water
IPX7 (Waterproof protection)

Supplied accessories:
• Only for the IC-M330G.
- HM-235B/W hand microphone
- DC power cable
- Mounting bracket kit
- GPS antenna (5 m; 16.4 ft cable)

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 submersible (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 • Weather channel with weather alert
- Supplied hand microphone, HM-235B/W, with channel up/down keys and a CH16/Call channel key
- 3-digit or 4-digit channel display selectable

Icom, Icom Inc. and Icom logo are registered trademarks of Icom Incorporated (Japan) in Japan, the United States, the United Kingdom, Germany, France, Spain, Russia, Australia, New Zealand and/or other countries. AQUAQUAKE is a trademark of Icom Inc. (Japan). All other trademarks are the properties of their respective holders.

Your local distributor/dealer:

675SS00A ©2017 Icom Inc. Printed in Japan