

## General

### IC-M330GE, IC-M330E

Frequency range	Tx	156.000–162.000 MHz
	Rx	156.000–163.425 MHz
	CH70	156.525 MHz
Usable channels		INT, USA* channels
Type of emission		* Available depending on version 16K0G3E (FM), 16K0G2B (DSC)
Power supply requirement		13.8V 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 $\Omega$ (SO-239)
Dimensions (W×H×D) (projections not included)		156.5 × 66.5 × 110.1 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 $\mu$ W

## RECEIVER

Sensitivity	Main	-5 dB $\mu$ emf typ. (20 dB SINAD)
	DSC	-5 dB $\mu$ emf typ. (1% BER)
Squelch sensitivity	Main	Less than -2 dB $\mu$ emf
Adjacent channel selectivity	Main	More than 70 dB
	DSC	More than 73 dB $\mu$ emf (1% BER)
Spurious response	Main	More than 70 dB
	DSC	More than 73 dB $\mu$ emf (1% BER)
Intermodulation	Main	More than 70 dB
	DSC	More than 68 dB $\mu$ emf (1% BER)
Hum and noise		More than 40 dB
Audio output power (at 10% distortion, 4 $\Omega$ 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**

**WaterIPX7 (Waterproof protection)**