

Active Noise Cancelling Technology and Built-in GPS for Simple Installation



Optional COMMANDMIC™, HM-195GB



Built-in GPS Receiver
(GPS antenna supplied)



Active Noise Cancelling for Maximum Clarity



Icom Marine Family User Interface & White Backlit LCD & Keypad



10 W Loud Audio, Public Address and Foghorn



Optional COMMANDMIC™ HM-195GB/GW for 2nd Station/Intercom



Built-in Class D DSC



IPX7 Waterproof Protection
(1 m depth for 30 minutes)



Common NMEA Interface for GPS/NAV Connection



MarineCommander™, and MA-510TR Compatible



AquaQuake™ Function



Also available in super white version

Intuitive User Interface and White Backlit LCD and Keypad

Incorporating Icom's common Marine Family User Interface designed for simple, intuitive operation. A rotary selector and directional keypad provide quick and easy access to the intended functions. The high contrast white backlit LCD and laser-cut keypad match well with modern boat designs.

Active Noise Cancelling

The built-in active noise cancelling provides superb performance. It reduces background noise up to 90% in the received signal and 30% in the transmits signal.

10 W Loud Audio, Public Address and Foghorn

The IC-M423GE has a built-in 10 W amplifier that increases the audio output to an external PA speaker. The public address function allows you to make an announcement from the microphone like a loud speaker, the foghorn can also be emitted from the external PA speaker.

Built-in Class D DSC

The built-in DSC watch function monitors Ch. 70 (DSC channel) activity, 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.

Built-in GPS Receiver

The built-in GPS receiver shows your current position, date/time and can be used for DSC calls.



Supplied GPS antenna

Optional White Backlit COMMANDMIC™ HM-195GB/GW

The optional white backlit COMMANDMIC makes it convenient for using the IC-M423GE from a separate cabin or tower. All functions of the IC-M423GE can be controlled from the COMMANDMIC and can be used as an intercom with the IC-M423GE.

AIS Target Call with MA-510TR

When connected to the optional MA-510TR Class B AIS transponder, the AIS target call function allows you to make an individual DSC call without having to manually input an MMSI number.

And More

- Remote control speaker-microphone, HM-205B/SW
- NMEA 0183 connectivity
- MarineCommander™ compatible
- AquaQuake™ draining function
- IPX7 waterproof protection
- Dual/tri-watch function
- Priority and normal scan
- Black and super white versions available.
- Supports 4-digit channels

SPECIFICATIONS

| GENERAL | | |
|--|---|---|
| Frequency range | TX RX CH70 | 156.000–161.450 MHz 156.000–163.425 MHz 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 (at 12.0 V DC) | Tx 25 W output Rx AF max. External SP Internal SP | 5.5 A 5.0 A (RX SP ON) 1.5 A |
| Operating temperature range | | –20°C to +60°C |
| Antenna impedance | | 50 Ω (SO-239) |
| Dimensions (W×H×D) (projections not included) | | 180×82×119.9 mm |
| Weight (approx.) | | 1.2 kg |
| NMEA in/out formats | | RMC, GGA, GNS, GLL, DSC, DSE |

| TRANSMITTER | |
|-----------------------------|--------------------|
| Output power (at 12.0 V DC) | 25 W, 1 W |
| Max. frequency deviation | ±5.0 kHz |
| Frequency stability | Less than ±1.5 kHz |
| Spurious emissions | Less than 0.25 µW |

| RECEIVER | |
|---|-------------------------------|
| Sensitivity (20 dB SINAD) | –5 dBµ emf typ. |
| Squelch sensitivity | Less than –2 dBµ emf |
| Adjacent channel selectivity | More than 70 dB |
| Spurious response | More than 70 dB |
| Intermodulation | More than 68 dB |
| Audio output power (at 10% distortion, 4 Ω load) | More than 10 W (Ext. speaker) |

| GPS RECEIVER | |
|-----------------------------|--------------------------|
| Receiving frequency | 1575.42 MHz |
| Receiving channels | 66 channels |
| Satellite differential type | WAAS, EGNOS, MSAS, GAGAN |

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: | |
|-------------------------------|------------------|
| • Hand microphone, HM-205B/SW | • DC power cable |
| • Mounting bracket kit | • GPS antenna |

OPTIONS

COMMANDMIC™

Supplied accessories

- 6.1 m (20 ft) of cable
- Microphone hanger
- Mounting base for connector

HM-195GB (Black)
HM-195GW (Super white)

EXTENSION CABLE for COMMANDMIC, HM-195GB/GW

OPC-1541
6.1 m (20 ft) extension cable.
Up to two cables available.

SPEAKER-MICROPHONE

HM-205B/SW
Same as supplied.

FLUSH MOUNT KIT

MB-132

CLASS B AIS TRANSPONDER

MA-510TR

Amber backlit COMMANDMIC, HM-195B/HM-195SW are also available.

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