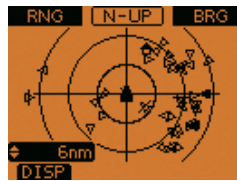




VHF Fixed Mount Transceivers

Fixed Mount VHF and AIS Receiver Combo with NMEA 2000™ Connectivity

VHF MARINE TRANSCEIVER **IC-M506GE**



AIS plotter

TARGET LIST (139)		
MMSI/Name	RNG	BRG
431003	1.1	331
TAMAKI PRIN	1.4	003
EIWAMARU	1.4	280
OVAL LP NO.1	1.6	266
KANRYUMARU	1.7	006

AIS target list



Functions menu



Supplied GPS antenna



COMMANDMIC™, HM-195 series capable



FEATURES

- Integrated AIS Receiver
- NMEA 2000™ connectivity
- 2 minutes last call voice recording
- Intuitive user interface
- Active Noise Cancelling Technology
- Built-in GPS receiver (GPS antenna supplied)
- 15 W loud audio and 25 W two-way hailer
- Optional COMMANDMIC™, HM-195 series
- IPX8 advanced waterproof (1 m depth water for 60 minutes)
- Built-in Class D DSC
- Meets ITU-R M493-14 specifications
- Dual watch and Tri-watch functions
- Instant access to Ch 16 and Call channel
- Tag scan and favorite channel functions
- AquaQuake™
- Priority scan function
- Display and keypad backlighting
- External speaker connection
- Option voice scrambler UT-112/A
- Large dot-matrix display
- Rear panel microphone version
- Supports 4-digit channels

Easy-to-Use and Even Easier to Hear!

VHF MARINE TRANSCEIVER **IC-M423GE**



COMMANDMIC™, HM-195 series capable



Supplied GPS antenna



FEATURES

- Intuitive user interface and white backlight display
- Active Noise Cancelling Technology
- 10 W loud audio, public address and foghorn
- Optional HM-195GB/GW COMMANDMIC™
- Built-in GPS receiver (GPS antenna supplied)
- Built-in Class D DSC
- Meets ITU-R 493-14 specifications
- IPX7 waterproof
- Dual watch and Tri-watch functions
- Instant access to Ch 16 and Call channel
- Tag scan and favorite channel functions
- AquaQuake™
- Priority scan function
- Display and keypad backlighting
- External speaker connection
- RX speaker function
- Black or super white colour version
- Speaker-microphone, HM-205B/SW
- Supports 4-digit channels



VHF Fixed Mount Transceivers

Black Box Transceiver When Space is at a Premium

VHF MARINE TRANSCEIVER

IC-M400BBE



Supplied GPS antenna



FEATURES

- Space saving, fully functional VHF/DSC
- Controlled by COMMANDMIC™ HM-195B/SW/GB/GW*
- Active Noise Cancelling Technology
- 10 W loud audio, public address and foghorn
- Meets ITU-R 493-14 specifications
- Built-in Class D DSC
- Intuitive user interface
- Built-in GPS receiver (GPS antenna supplied)
- IPX7 waterproof
- Dual watch and Tri-watch functions
- Instant access to Ch 16 and Call channel
- Tag scan and favorite channel functions
- AquaQuake™
- Display and keypad backlighting
- External speaker connection
- RX speaker function
- Supports 4-digit channels

* HM-195B/SW/GB/GW may be sold separately, depending on version.

Top Performance Ultra Compact VHF

VHF MARINE TRANSCEIVER

IC-M330GE



Supplied GPS antenna



Available in black or white.

FEATURES

- Ultra compact body (W×H×D; 156.5 × 66.5 × 110.1 mm)
- Uncompromised receiver performance (Selectivity and IMD: more than 70 dB)
- Intuitive user interface
- Easy-to-read full dot-matrix display
- Meets ITU-R 493-14 specifications
- Built-in Class D DSC
- Dynamic clear audio from bass to treble
- Built-in GPS receiver (GPS antenna supplied) (IC-M330GE)
- IPX7 waterproof
- Dual watch and Tri-watch functions
- Instant access to Ch 16 and Call channel
- Tag scan and favorite channel functions
- AquaQuake™
- Priority scan function
- Display and keypad backlighting
- External speaker connection
- Supports 4-digit channels

* IC-M330E (without GPS receiver) also available depending on the country.



COMMANDMIC™

Full Remote Control Capability

REMOTE-CONTROL MICROPHONES

HM-195GB/GW

(White backlight LCD)

HM-195B/SW

(Amber backlight LCD)



Above photo shows HM-195GB Available in black or super white.

FEATURES

- Full control 2nd station capability for IC-M506GE or M423GE
- Remote-Controller head for IC-M400BBE
- Intercom function with IC-M506GE or M423GE
- Distress button on the rear panel



AIS Transponder

Fully Capable Class B AIS Transponder

CLASS B AIS TRANSPONDER

MA-500TR



FEATURES

- Class B AIS transponder
- CPA and TCPA collision-risk management
- AIS target call with Icom VHF transceivers

* The MXG-5000S may be sold separately, depending on country.

GMDSS

Global Maritime Distress and Safety System

The Global Maritime Distress and Safety System (GMDSS) is the International radio safety system for ships mandated by the International Maritime Organization (IMO). The GMDSS system provides automated distress alerting and distress communication service with location information.

Class A DSC VHF Radio with Wide Viewing Angle Colour TFT LCD

VHF MARINE TRANSCEIVER

GM600



PS-310 DC-DC converter

Reliable Long Distance MF/HF Communication

MF/HF MARINE TRANSCEIVER

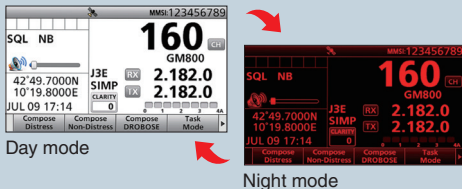
GM800





FEATURES

- Meets VHF GMDSS requirements for SOLAS ships
 - Certified for European Maritime Equipment Directive (MED)
 - ITU Class A DSC
 - Large and high contrast 4.3-inch colour TFT LCD
 - Intuitive user interface for straightforward operation
 - 10 W audio output power with external speaker
 - Dedicated DSC watch receiver for continuous Channel 70 monitoring
- Printer connector (D-SUB 25-pin) • VDR (Voyage Data Recorder)/External speaker connector
 - IEC 61162-1 input/output • Superior sound quality with a wide frequency range and a flat frequency response
 - Optional handset, HS-98 (#16) • IPX7 waterproof for front panel
 - Dual watch and Tri-watch functions • Instant access to Ch 16 and call channel
 - Tag scan and favorite channel functions • Priority scan function
 - Unified design with GM800 (MF/HF) • Supports 4-digit channels
- Please Note:** PS-310 MUST BE USED with GM600 for MED certification compliance.



FEATURES

- Meets MF/HF GMDSS requirements for SOLAS ships
 - Certified for European Maritime Equipment Directive (MED)
 - ITU Class A DSC
 - Large and high contrast 4.3-inch colour TFT LCD
 - Intuitive user interface for straightforward operation
 - Dedicated DSC watch receiver for continuous scanning of the six distress channels
 - Optional automatic antenna tuner, AT-141
- Output power: 150 W* PEP into 50 Ω (at radio terminal) • Built-in 24 V DC-DC converter
 - Parallel printer port • External SP connector
 - IEC 61162-1 input/output • Superior sound quality with a wide frequency range and a flat frequency response
 - Supplied handset, HS-98 (#17) • IPX7 waterproof for controller
 - Maximum 160 programmable channels • Program scan, channel scan and channel resume scan
 - Unified design with GM600 (VHF)
- * 125 W (4.0–27.5 MHz) (at tuner-output), 85 W (1.6–3.999 MHz) (at tuner-output)
- Please Note:** The complete GMDSS installation for MF/HF DSC (Class A) and telephony additionally requires the optional antenna tuner, AT-141.



SURVIVAL CRAFT 2-WAY RADIO IC-GM1600E GMDSS Portable for Survival Craft

FEATURES

- Meets strict environmental requirements for GMDSS
 - 2 W output power for long lasting battery
 - Primary (non-rechargeable) lithium battery pack, BP-234
 - Highly visible yellow-coloured body
- Instant access to Ch 16 and call channel • Auto power save
 - 4-step battery indicator
- Included Accessories**
- BP-252 battery pack • BC-173 battery charger
 - BC-147SE AC adapter • MB-103Y belt clip
 - FA-S61V antenna (Fixed type) • Neck strap
- Please Note:** BP-234 MUST BE USED with IC-GM1600E to comply with the GMDSS requirements.



IP ADVANCED RADIO SYSTEM

Full-Duplex Communication That Works Over a Wireless LAN and IP Network



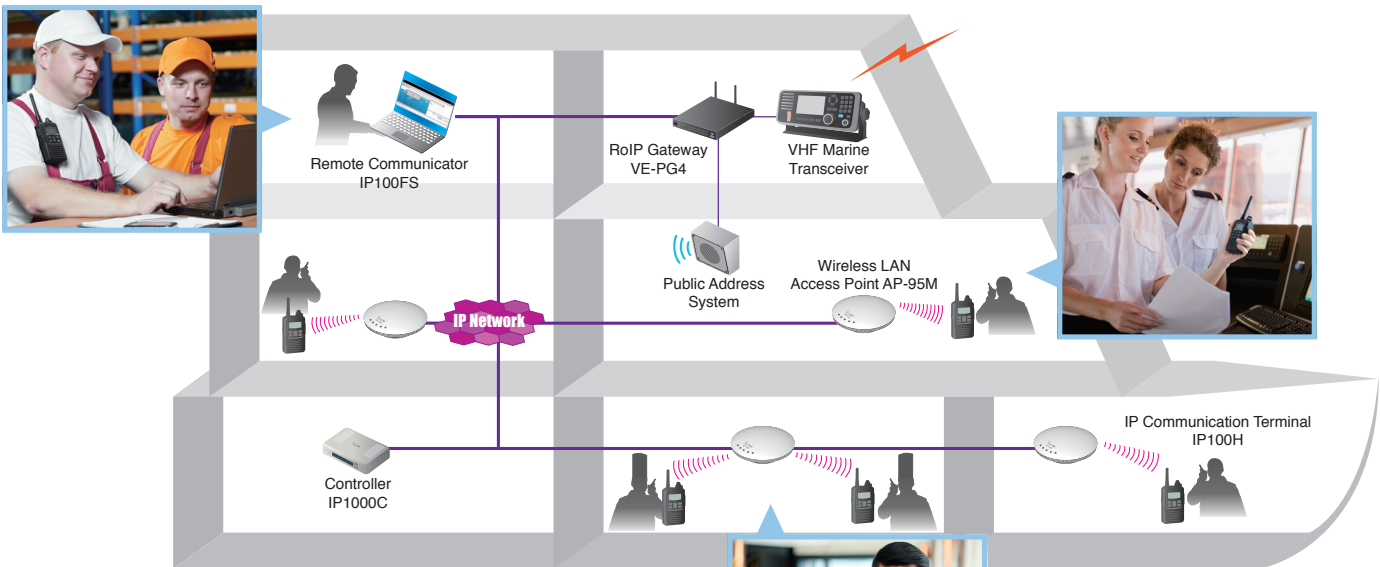
System Features

Wireless Communication System for Ships Crew

Individual, Group or Area Communication

Hands-free, Full-duplex Communication with Optional Earphone-mic or Headset

Interconnect between VHF Marine Transceiver and Public Address System



IP Communication Terminal **IP100H**

- Licence-free communication terminal using IEEE 802.11 a/b/g/n standards
- WPA-PSK or WPA2-PSK encryption
- IPX7 waterproof (1 m depth water for 30 minutes)
- Compact 58 × 95 × 26.4 mm body and 205 g (approximate) light weight
- Vibration alert function for incoming calls
- Tested to the MIL-STD 810G specifications
- Emergency function



Remote Communicator Software **IP100FS**

(Supplied with USB flash drive for use as a USB hardware key)

- The IP100FS can communicate with IP communication terminals from a PC
- The IP100FS can obtain location information of each IP100H based on connection to access points
- Can be installed on a Windows® based tablet PC as well as laptop PC



Controller **IP1000C**

- The IP1000C controls all terminal configurations and voice traffic
- Capable of controlling up to 100 terminals (including IP100FS)



Wireless Lan Access Point **AP-95M**

- IEEE 802.11 a/b/g/n/ac compliant
- PoE (Power over Ethernet) capability
- Optional RS-AP3, access point management software



RoIP Gateway **VE-PG4**

- Versatile radio over IP gateway linking land mobile radios, IP communication terminals, IP phone systems and external devices
- Wireless LAN IP Advanced Radio System controller (Equivalent to the IP1000C function) built-in, capable of controlling up to 50 IP communication terminals
- IDAS™ Conventional and NXDN™ Type-D multi-site trunking connection

