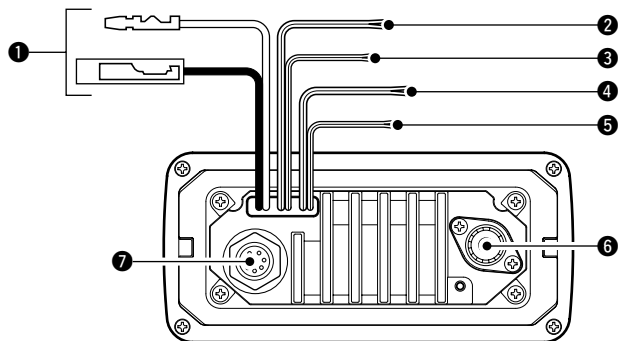


■ Connections



① DC POWER CONNECTOR

Connects the supplied DC power cable from this connector to an external 12 V battery.

② EXTERNAL SPEAKER LEAD (Yellow)

Connects to an external speaker.

③ PUBLIC ADDRESS LEAD (Blue)

Connects to a PA speaker.

- PA output power: 4.5 W (typical) at 10% distortion with a 4 Ω load

④ NMEA IN LEAD (Red)

Connects to a GPS receiver for position indication.

- A NMEA0183 ver. 2.0 or 3.01 (sentence formatters RMC, GGA, GNS, GLL) compatible GPS receiver is required. Ask your dealer about suitable GPS receivers.

⑤ NMEA OUT LEAD (White)

Connects to a PC or navigation equipment (NMEA0183 ver. 3.01 sentence formatters DSC, DSE compatible) for plotting position data received from other ships.

⑥ ANTENNA CONNECTOR

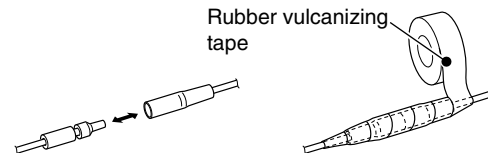
Connects a marine VHF antenna with a PL-259 connector to the transceiver.

CAUTION: Transmitting without an antenna may damage the transceiver.

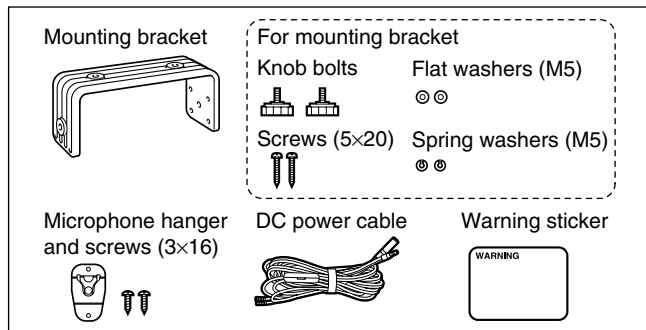
⑦ EXTERNAL MICROPHONE JACK

Connects to optional HM-157 COMMANDMIC II™.

CAUTION: After connecting the DC power cable, NMEA IN/OUT leads, external speaker lead and public address lead, cover the connector and leads with an adhesive tape as shown below, to prevent water seeping into the transceiver.



■ Supplied accessories

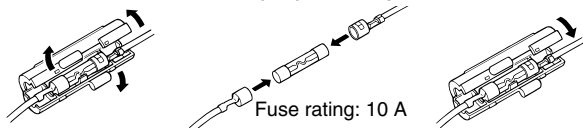


■ Antenna

A key element in the performance of any communication system is the antenna. Ask your dealer about antennas and the best place to mount them.

■ Fuse replacement

One fuse is installed in the supplied DC power cable. If a fuse blows or the transceiver stops functioning, track down the source of the problem, if possible, and replace the damaged fuse with a new one of the proper rating.



■ Mounting the transceiver

◆ Using the supplied mounting bracket

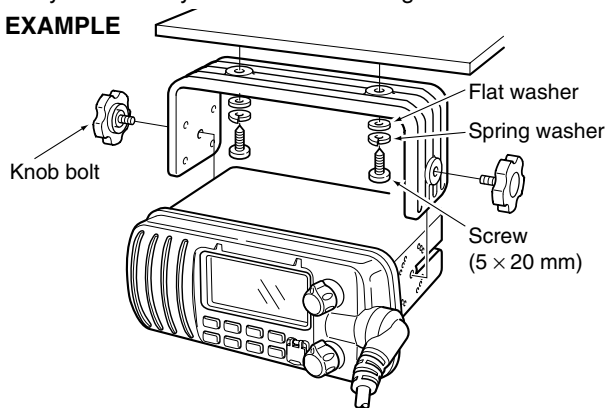
The universal mounting bracket supplied with your transceiver allows overhead or dashboard mounting.

- Mount the transceiver securely with the 2 supplied screws (5 × 20) to a surface which is more than 10 mm thick and can support more than 5 kg.
- Mount the transceiver so that the face of the transceiver is at 90° to your line of sight when operating it.

CAUTION: KEEP the transceiver and microphone at least 1 meter away from your vessel's magnetic navigation compass.

NOTE: Check the installation angle; the function display may not be easy-to-read at some angles.

EXAMPLE

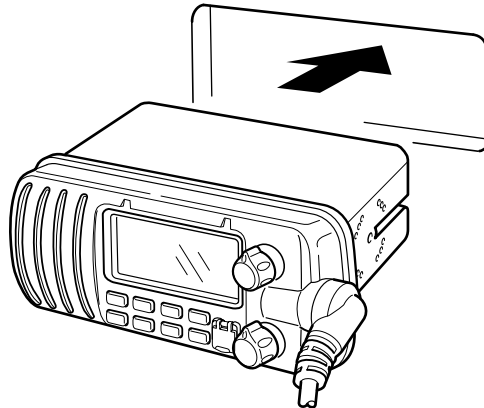


■ Optional MB-69 installation

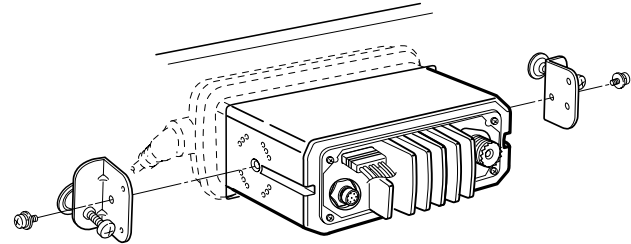
An optional MB-69 FLUSH MOUNT is available for mounting the transceiver to a flat surface such as an instrument panel.

CAUTION: KEEP the transceiver and microphone at least 1 meter away from your vessel's magnetic navigation compass.

- ① Using the template on p. 55, carefully cut a hole into the instrument panel (or wherever you plan to mount the transceiver.)
- ② Slide the transceiver through the hole as shown below.



- ③ Attach the clamps on either side of the transceiver with 2 supplied bolts (5 × 8 mm).
 - Make sure that the clamps align parallel to the transceiver body.



- ④ Tighten the end bolts on the clamps (rotate clockwise) so that the clamps press firmly against the inside of the instrument control panel.
- ⑤ Tighten the locking nuts (rotate counterclockwise) so that the transceiver is securely mounted in position as below.
- ⑥ Connect the antenna and power cable, then return the instrument control panel to its original place.

