ICOM

VHF MARINE TRANSCEIVER

IC-M1EURO V

Icom Inc.

FOREWORD

Thank you for purchasing this Icom product. The IC-M1EURO V VHF MARINE TRANSCEIVER is designed and built with Icom's superior technology and craftsmanship. With proper care, this product should provide you with years of trouble-free operation.

IMPORTANT

READ ALL INSTRUCTIONS carefully and completely before using the transceiver.

SAVE THIS INSTRUCTION MANUAL— This instruction manual contains important operating instructions for the IC-M1EURO V.

EXPLICIT DEFINITIONS

WORD	DEFINITION
⚠ WARNING!	Personal injury, fire hazard or electric shock may occur.
CAUTION	Equipment damage may occur.
NOTE	Recommended for optimum use. No risk of personal injury, fire or electric shock.

CAUTION

⚠ **WARNING! NEVER** connect the transceiver to an AC outlet. This may pose a fire hazard or result in an electric shock.

⚠ **WARNING! NEVER** hold the transceiver so that the antenna is very close to, or touching exposed parts of the body, especially the face or eyes, while transmitting. The transceiver will perform best if the microphone is 5 to 10 cm away from the lips, and the transceiver is vertical.

NEVER connect the transceiver to a power source other than the BP-215L. Such a connection will ruin the transceiver.

NEVER charge battery packs except in the methods described in this manual.

AVOID using or placing the transceiver in areas with temperatures below –15°C or above +55°C.

AVOID the use of chemical agents such as benzine or alcohol when cleaning, as they may damage the transceiver surfaces.

After exposure to saltwater, clean the transceiver thoroughly with fresh water to avoid corrosion.

BE CAREFUL! The transceiver rear panel will become hot when operating continuously for long periods.

BE CAREFUL! The IC-M1EURO V employs waterproof construction, which corresponds to JIS waterproof specification, grade 7 (1 m/30 min.). However, once the transceiver has been dropped, waterproofing cannot be guaranteed due to the fact that the transceiver may be cracked, or the waterproof seal damaged, etc.

MAKE SURE the flexible antenna and battery pack are securely attached to the transceiver, and that the antenna and battery pack are dry before attachment. Exposing the inside of the transceiver to water will result in serious damage to the transceiver.

KEEP the transceiver at least 0.9 m away from the ship's navigation compass.

KEEP the transceiver out of the reach of children.

IN CASE OF EMERGENCY

If your vessel requires assistance, contact other vessels and the Coast Guard by sending a distress call on channel 16;

❍ *USING CHANNEL 16*

DISTRESS CALL PROCEDURE

1. "MAYDAY MAYDAY MAYDAY."

2. "THIS IS ...." (name of vessel)

3. Your call sign or other indication of the vessel.

4. "LOCATED AT ...." (your position)

5. The nature of the distress and assistance required.

6. Any other information which might facilitate the rescue.

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◇ PRIORITIES

① Read all rules and regulations pertaining to priorities, and keep an up-to-date copy handy. Safety and distress calls take priority over all others.

② You must monitor channel 16 when you are not operating on another channel.

③ False or fraudulent distress signals are prohibited and pun-ishable by law.

◇ PRIVACY

① Information overheard, but not intended for you, cannot lawfully be used in any way.

② Indecent or profane language is prohibited.

◇ RADIO LICENSES

(1) SHIP STATION LICENSE

You must have a current radio station license before using the transceiver. It is unlawful to operate a ship station which is not licensed.

Inquire through your dealer or the appropriate government agency for a Ship-Radiotelephone license application. This government-issued license states the call sign which is your craft's identification for radio purposes.
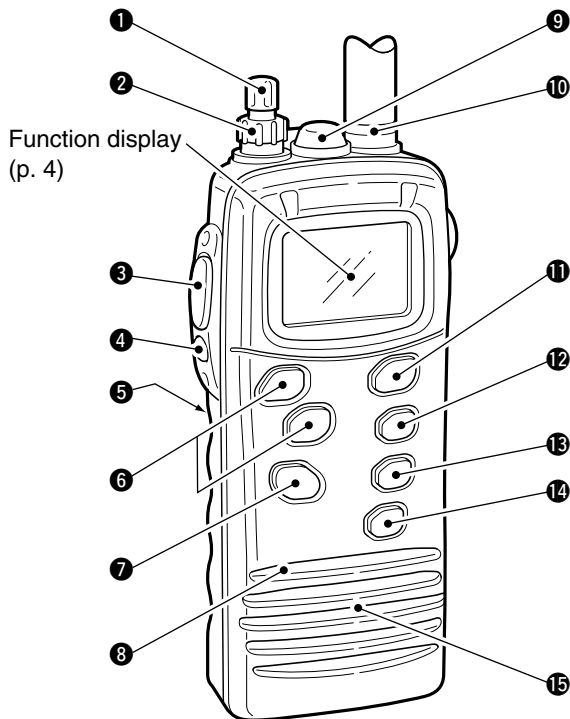
(2) OPERATOR'S LICENSE

A Restricted Radiotelephone Operator Permit is the license most often held by small vessel radio operators when a radio is not required for safety purposes.

The Restricted Radiotelephone Operator Permit must be posted or kept with the operator. Only a licensed radio opera-tor may operate a transceiver.

However, non-licensed individuals may talk over a transceiver if a licensed operator starts, supervises, ends the call and makes the necessary log entries.

Keep a copy of the current government rules and regulations handy.

2 PANEL DESCRIPTION

■ Panel description

Function display
(p. 4)

q **VOLUME CONTROL [VOL]**
Turns power ON and adjusts the audio level. (p. 9)

w **SQUELCH CONTROL [SQL]**
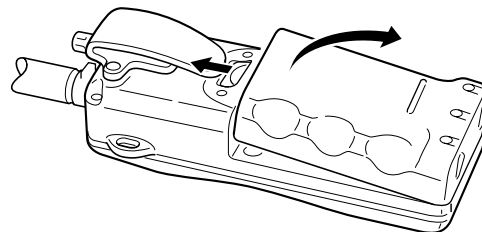Sets the squelch threshold level. (p. 9)

e **PTT SWITCH [PTT]**
Transmits during push; receives during release. (p. 9)

r **MONITOR SWITCH [MONI]**
➥Opens the squelch and monitors the operating channel while being pushed.
➥While turning power ON, enters the SET mode and is used to select the SET mode contents when pushed. (p. 16)

t **BATTERY PACK RELEASE BUTTON**
• *To remove the battery pack:* Slide the battery release button upwards, then lift up the battery pack.

• *To attach the battery pack:* Mate the notched ends of the transceiver and the battery pack, and click the battery pack into place firmly. Ensure that the battery is properly attached.

➏ CHANNEL UP/DOWN SWITCHES [▲]/[▼]
➥ Push either switch to change the operating channel. (pgs. 7–9)
➥ Checks tag channels or changes scanning direction during scan. (p. 13)
➥ Push either switch to change the setting during set mode. (p. 16)

➐ CHANNEL 16 SWITCH [16•C]
➥ Selects channel 16 when pushed. (p. 7)
➥ Selects the call channel when pushed for 1 sec. (p. 7)
➥ Enters call channel write mode when the call channel is selected, and this switch is pushed for 3 sec. (p. 11)

➑ INTERNAL MICROPHONE (p. 9)

➒ SPEAKER-MICROPHONE CONNECTOR [SP MIC]
Connects the optional speaker-microphone. (p. 22)

➓ ANTENNA CONNECTOR
Connects the supplied antenna. (p. 6)

⓫ DIAL/CHANNEL GROUP SWITCH [DIAL•I/U]
➥ Selects and changes the regular channels. (p. 8)
➥ Selects one of 2 regular channels in sequence when pushed for 1 sec. (p. 8)
  • International and U.S.A. channels (UK and Itarian versions only) are available for regular channels.

⓬ DUALWATCH/TRI-WATCH SWITCH [DW•TRI]
➥ Starts dualwatch when pushed momentarily. (p. 14)
➥ Starts tri-watch when pushed for 1 sec. (p. 14)
➥ Stops dualwatch/tri-watch when either is activated. (p. 14)
➥ Enters comment writing condition when pushed while pushing and holding [MONI]. (p. 15)

⓭ SCAN SWITCH [SCAN•TAG]
➥ Starts and stops normal or priority scan when tag channels are programmed. (p. 13)
➥ Sets the displayed channel as a tag (scanned) channel when pushed for 1 sec. (p. 13)
➥ While turning power ON, clears all tag channels in the selected regular channel group when pushed. (p. 13)
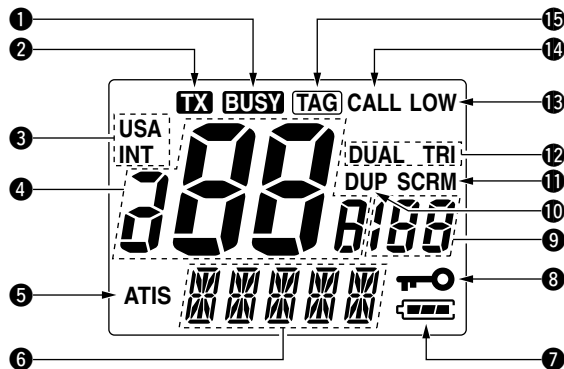➥ Activates an optional voice scrambler function while pushing [MONI]. (p. 10)

⓮ TRANSMIT POWER/LOCK SWITCH [H/L•LOCK]
➥ Changes high and low power when pushed. (p. 9)
  • Some channels are set to low power only.
➥ While pushing [MONI], push this key to select extra low power. (p. 9: Not available for some versions)
➥ Changes the lock function ON and OFF when pushed for 1 sec. (p. 8)

⓯ INTERNAL SPEAKER

■ **Function display**

q BUSY INDICATOR (p. 9)
Appears while receiving a signal or while the squelch is open.

w TRANSMIT INDICATOR (p. 9)
Appears while transmitting.

e CHANNEL GROUP INDICATORS (p. 8)
Appears "INT" when International; "USA" when U.S.A. (UK and Itarian versions only) channel group is selected.

r CHANNEL NUMBER READOUT
•Indicates the selected operating channel number.
(pgs. 7, 8)
•In SET mode, indicates the selected condition.
(pgs. 16–19)

t ATIS INDICATOR
Appears while ATIS function is activated. (German version only)

y COMMENT INDICATOR
•Indicates or scrolls operating channel comment, etc.
(pgs. 7, 13, 15)
•In SET mode, indicates or scrolls the selected item.
(pgs. 16–19)

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ABOUT CE

CE Versions of the IC-M1EURO V which display the "CE" symbol on the serial number seal, comply with the essential requirements of the European Radio and Telecommunication Terminal Directive 1999/5/EC.

This warning symbol indicates that this equipment operates in non-harmonised frequency bands and/or may be subject to licensing conditions in the country of use. Be sure to check that you have the correct version of this radio or the correct programming of this radio, to comply with national licensing requirement.

INSTALLATION NOTES

• When transmitting with a portable radio, hold the radio in a vertical position with its microphone 2.5 to 5 centimeters away from your mouth. Keep antenna at least 2.5 centimeters from your head and body.

• If you wear a portable two-way radio on your body, ensure that the antenna is at least 2.5 centimeters from your body when transmitting.

<Intended Country of Use>		
☐ GER	☐ NED	☐ ITA
☐ AUT	☐ BEL	☐ GRE
☐ GBR	☐ LUX	☐ SWE
☐ IRL	☐ ESP	☐ DEN
☐ FRA	☐ POR	☐ FIN