



INSTRUCTION MANUAL

VHF MARINE TRANSCEIVER **IC-M58**



Icom Inc.

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. "LOCATED AT- - - - -" (your position)
4. Give the reason for the distress call.
5. Explain what assistance you need.
6. Give additional information:
 - Vessel type
 - Vessel length
 - Vessel color

Or, transmit your distress call using digital selective calling on channel 70 (the optional UX-114 DSC UNIT must be installed).

◇ **USING DIGITAL SELECTIVE CALLING (ch 70)** (UX-114 required)

DISTRESS CALL PROCEDURE

1. Push and hold [16•EMER] for 5 secs until "DST" appears on the display.
2. After channel 16 is automatically selected, transmit the appropriate information as at left.
3. When you cannot make contact using a DSC distress call, use the "all ships call" function:

Push and hold [9•ALL] (or [C•ALL]) for 5 secs.

- After a channel is automatically selected, transmit the appropriate information as in step 2.

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IMPORTANT

READ ALL INSTRUCTIONS carefully and completely before using the transceiver.

SAVE THIS INSTRUCTION MANUAL – This instruction manual contains important safety and operating instructions for the IC-M58.

YOU MUST HAVE a DSC vessel ID in order to operate the optional DSC functions of the transceiver. See your Dealer for details.

VERSION NOTES

This manual describes operating procedures for both the U.S.A. and U.K. versions of the IC-M58. Note that while basic operation is identical for both of these versions, there are some minor differences (see table at right). Keep these differences in mind when following the instructions in this manual as most of the examples make use of the U.S.A. switch nomenclature.

CAUTIONS

NEVER connect the transceiver to more than a 16 V DC power source or an AC outlet. This will ruin the transceiver.

AVOID using or placing the transceiver in direct sunlight or in areas with temperatures below -20°C (-4°F) or over $+60^{\circ}\text{C}$ ($+140^{\circ}\text{F}$).

KEEP the transceiver out of the reach of children.

KEEP the antenna cable and DC power cable as far away as possible from electrical pumps, generators and other electronic instruments to prevent instrument malfunctions.

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

DIFFERENCE	U.S.A.	U.K.
SCAN	Priority/normal	Priority only
WEATHER CHANNELS	1 to 10	None
CALL CHANNEL	Programmable	Ch 37A (fixed)
CALL SWITCH LABEL	⑨	©
CHANNEL SWITCH LABEL	U/WX	I/U

• 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 calls are prohibited under 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

When your craft is equipped with a VHF FM transceiver, 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. This license includes 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. You can usually obtain this permit by mail.

The Restricted Radiotelephone Operator Permit must be posted near the transceiver or be kept with the operator. Only a licensed radio operator 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.

A current copy of the applicable government rules and regulations is only required to be on hand for vessels in which a radiotelephone is compulsory. However, even if you are not required to have these on hand it is your responsibility to be thoroughly acquainted with all pertinent rules and regulations.

■ Front panel

DUAL/TRI-WATCH SWITCH [DUAL • •SCAN]

- Activates dual or tri-watch. (p. 13)
- Push and hold for 1 sec. to start a scan. (p. 11)
- While pushing [HI/LO], specifies the selected channel as a lockout channel. (p. 11)

MEMORY CHANNEL SWITCH [MR • MW]

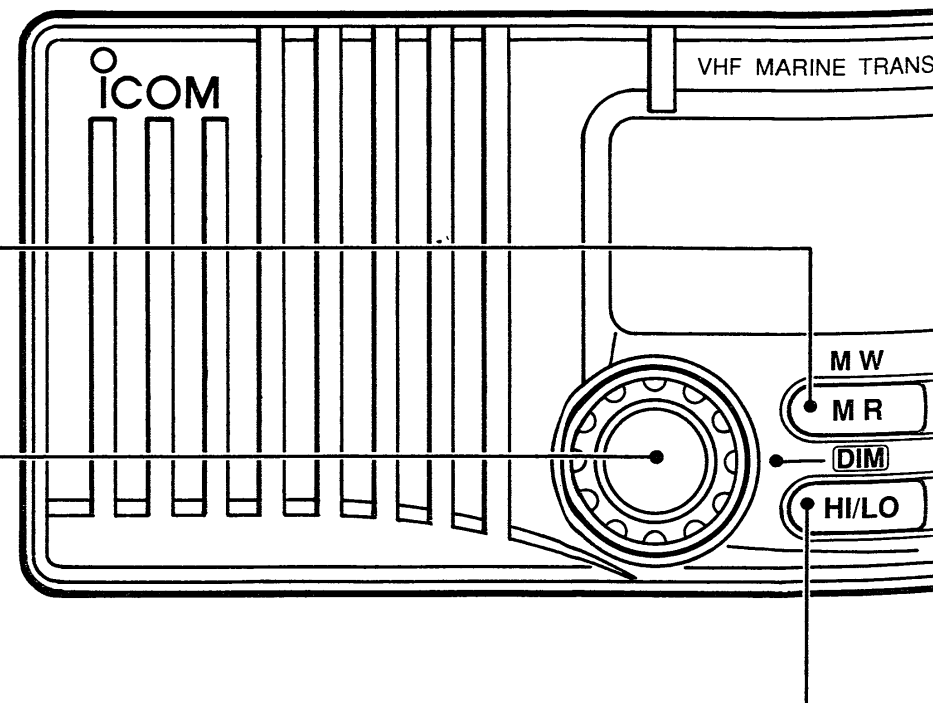
- Selects memory channels. (p. 7)
- Push and hold to program memory channels (p. 19)

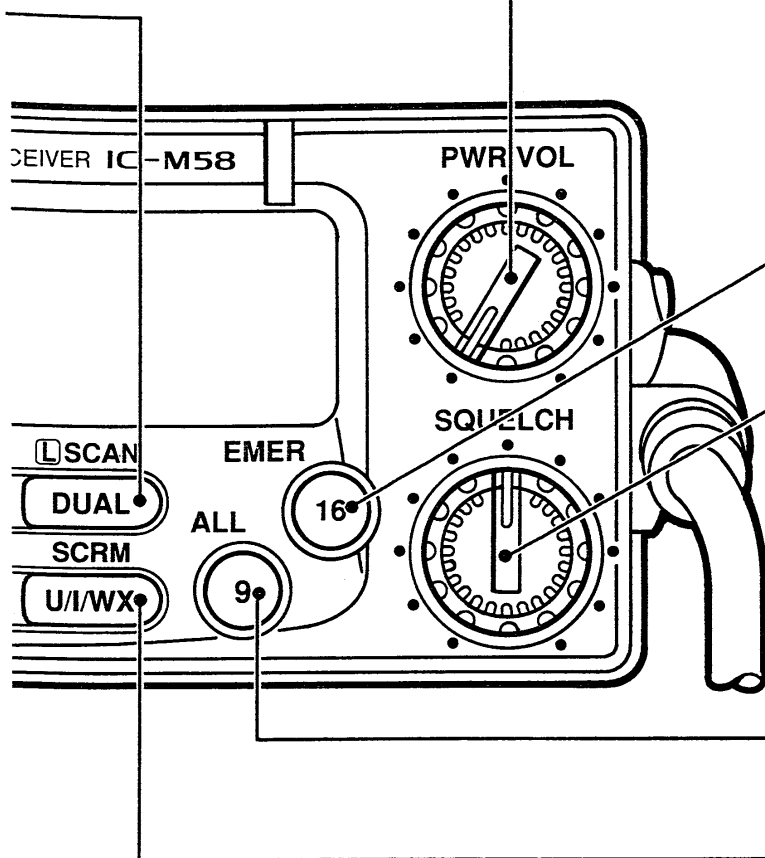
CHANNEL SELECTOR [CHANNEL]

Selects an operating channel. (p. 7)

HIGH/LOW POWER SWITCH [HI/LO • DIM]

- Toggles between high and low output powers. (p. 8)
- While pushing, rotate the channel selector to adjust the display and control/switch backlighting intensity. (p. 20)





POWER/VOLUME CONTROL [PWR/VOL]

Turns power ON and OFF and adjusts the audio output level. (p. 8)

CHANNEL 16 SWITCH [16•EMER]

- Selects channel 16 mode. (p. 6)
- Push and hold to send a distress signal (an optional UX-114 must be installed). (p. 15)

SQUELCH CONTROL [SQUELCH]

- Rotate clockwise to eliminate audio noise. (p. 8)
- Activates built-in attenuator when rotated deep clockwise.

CALL CHANNEL SWITCH

U.S.A. version: [9•ALL], U.K. version: [C•ALL]

- Selects the call channel. (p. 7)
- Push and hold to send an "All ships call" (an optional UX-114 must be installed). (p. 16)

CHANNEL SWITCH

U.S.A. version: [U/I/WX•SCRM], U.K. version: [I/U•SCRM]

- Selects U.S.A., international and weather channels – U.K. version does not have WX channels. (pgs. 6, 7)
- Push and hold for 1 sec. to toggle the optional voice scrambler function ON and OFF (p. 8)

2 PANEL DESCRIPTION

■ Function display

TRANSMIT INDICATOR

Appears while transmitting. (p. 8)

LOW POWER INDICATOR

Shows that low output power is selected. (p. 8)

CALL CHANNEL INDICATOR

Appears when the call channel is selected. (p. 7)

VOICE SCRAMBLER INDICATOR

Appears while the optional voice scrambler is activated.

MODE INDICATORS

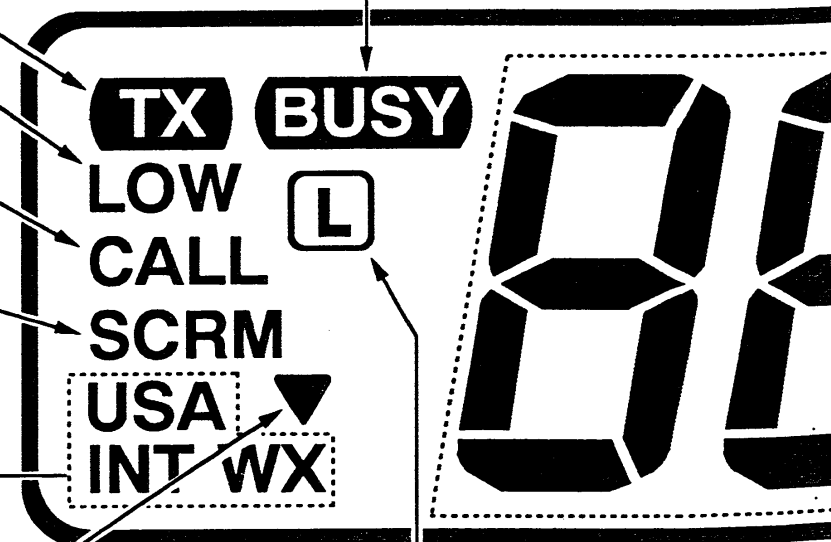
- “USA” shows USA channels are selected. (p. 6)
- “INT” shows international channels are selected. (p.6)
- “WX” shows weather channels are selected – U.S.A. version only. (p. 7)
- No indicator appears when the channel 16 mode or channel 70 mode is selected. (pgs. 6, 15)

WEATHER ALERT INDICATOR (U.S.A. version only)

Indicates the weather alert function is activated. (p. 12)

BUSY INDICATOR

Appears when receiving a signal or when [SQUELCH] is rotated too far clockwise. (p. 8)



LOCKOUT CHANNEL INDICATOR

Shows the selected channel is a lockout channel. (p. 11)

Count on us!

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