



INSTRUCTION MANUAL

VHF MARINE TRANSCEIVER
(U.S.A. version)

IC-M126DSC



Icom Inc.

IN CASE OF EMERGENCY

If your vessel requires assistance, contact other vessels and the Coast Guard by sending a distress call using digital selective calling on channel 70.

◇ USING DIGITAL SELECTIVE CALLING (ch 70)

DISTRESS CALL PROCEDURE

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

Push [F], then push and hold [CH16•DSC] for 5 secs.

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

Or, transmit your distress call by voice 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

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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-M126DSC.

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

EXPLICIT DEFINITIONS

The following explicit definitions apply to this instruction manual.

WORD	DEFINITION
CAUTION	Equipment damage may occur.
NOTE	If disregarded, inconvenience only. No risk of personal injury, fire or electric shock.

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.

BE CAREFUL! The heatsink will become hot when transmitting continuously for long periods.

DO NOT use any thing other than your fingertips to push the front panel switches, as the switches could be damaged.

• 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

WEATHER CHANNEL SWITCH [WX•WX ALERT]

Selects weather channels. (p. 7)

Activates weather alert as the secondary function. (p. 12)

DUAL/TRI-WATCH SWITCH [DUAL•SCAN]

Activates dual or tri-watch. (p.13)

Activates a scan as the secondary function. (p. 11)

HAILER/INTERCOM SWITCH [HL/IC•A.FOG]

Toggles between the hailer and intercom function. (p. 21)

Activates the auto fog horn as the secondary function.
(p. 25)

FUNCTION SWITCH [F]

Activates the secondary function of switches.

Push other switches within 5 secs. of pushing [F].

HIGH/LOW POWER SWITCH [HI/LO•LOCK OUT]

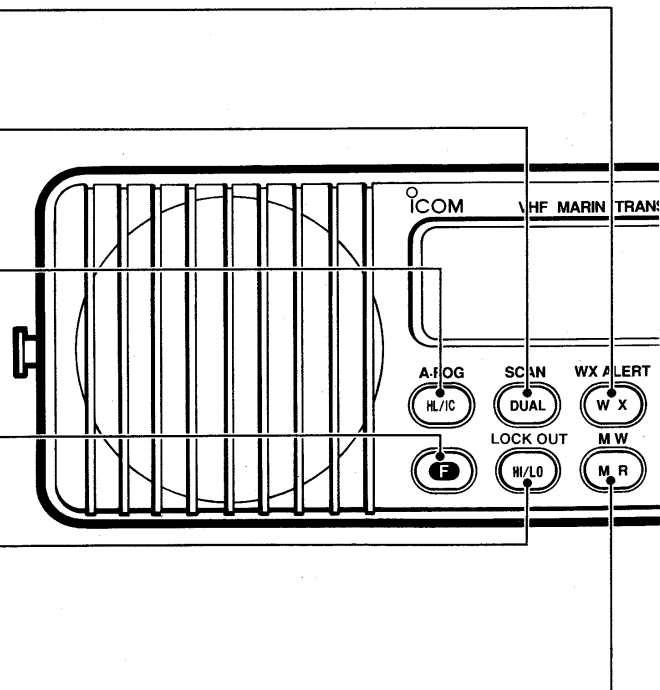
Toggles between high and low output powers. (p. 8)

Locks out the selected channel as the secondary function.
(p. 11)

MEMORY CHANNEL SWITCH [MR•MW]

Selects memory channels. (p. 7)

Programs channels into memory as the secondary function.
(p. 20)



INT/USA CHANNEL SWITCH [INT/USA•SCRM]

Toggles between international and USA channels. (p. 6)
 Activates an optional voice scrambler unit as the secondary function. (p. 8)

SQUELCH CONTROL [SQUELCH]

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

VOLUME CONTROL [VOLUME](PWR PUSH-ON)

Push to turn power ON and OFF. (p. 8)
 Rotate to adjust the audio output level. (p. 8)

EMERGENCY SWITCH [EMER]

Selects channel 70 instantly; transmits a distress call when pushed and held for 5 secs. (p. 15)

CHANNEL SELECTOR [CHANNEL]

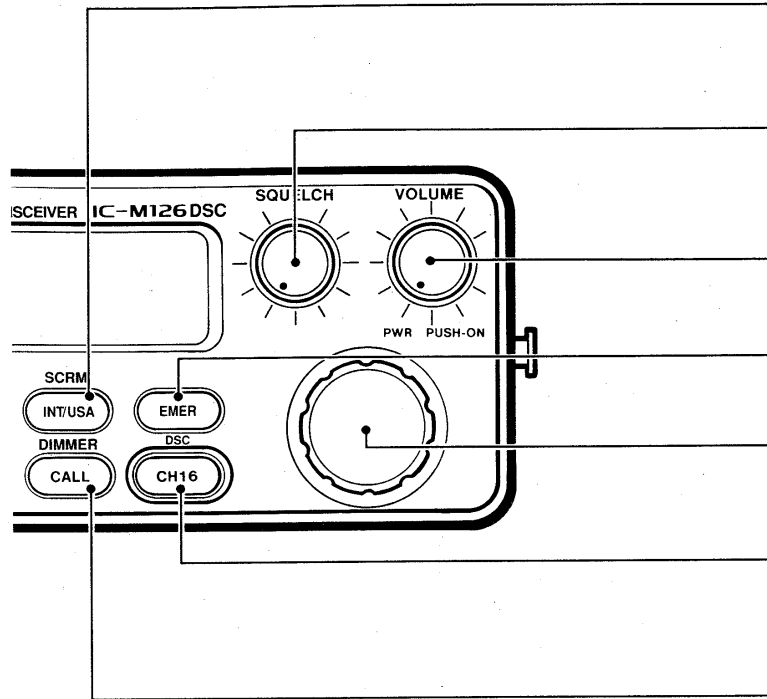
Selects an operating channel. (pgs. 6-7)

CHANNEL 16 SWITCH [CH16•DSC]

Selects the channel 16 mode. (p. 6)
 Sends an "all ships call" as the secondary function. (p. 17)

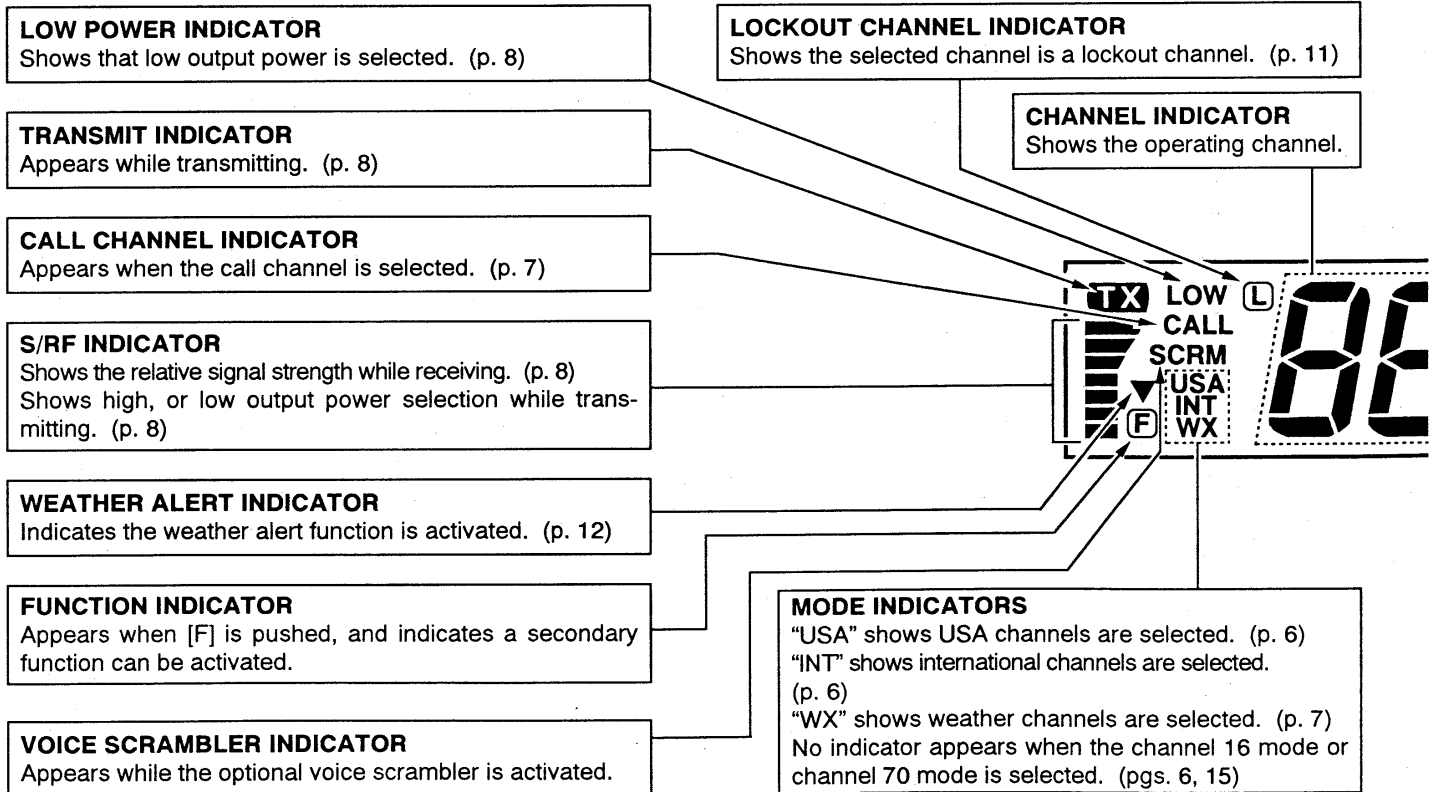
CALL CHANNEL SWITCH [CALL•DIMMER]

Selects the call channel. (p. 7)
 Adjusts the display and control/switch backlighting intensity as the secondary function. (p. 25)

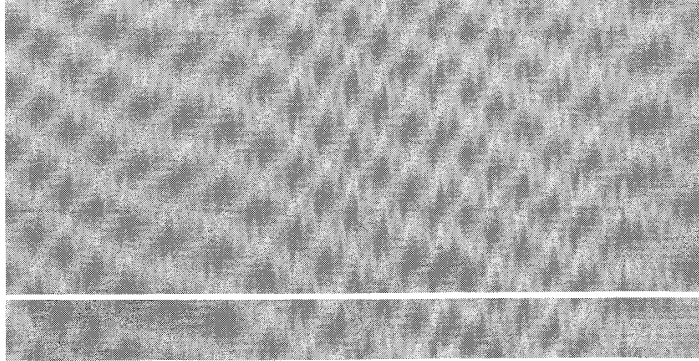


2 PANEL DESCRIPTION

■ Function display



Count on us!



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