

VHF MARINE TRANSCEIVER (General version)

IC-M9

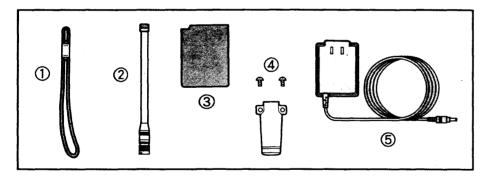
Icom Inc.

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-M9.

UNPACKING



Accessories included with the IC-M9:

① Handstrap ······ 1
② Flexible antenna
③ Attached Ni-Cd battery pack
④ Belt clip and screws
(5) Wall charger ······ 1

Qty.

CAUTIONS

NEVER connect the transceiver via the [CHARGE] jack to an AC outlet or to a power source of more than 18 V DC. These connections will ruin the transceiver.

KEEP the transceiver out of the reach of children.

AVOID exposing the transceiver to heavy rain/snow or excessive moisture.

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

The use of non-Icom battery packs/chargers may impair transceiver performance and invalidate the warranty.

AVOID using the transceiver in areas with temperatures below -20° C or above $+60^{\circ}$ C. The transceiver may not operate correctly.

BE CAREFUL! The [CHARGE] jack on the transceiver cannot be used as an external power jack. Use only a battery pack as a power supply.

BE CAREFUL! If immersed in fresh or saltwater permanent damage may result.

TABLE OF CONTENTS

IMPORTANT UNPACKING CAUTIONS TABLE OF CONTENTS	
1 PRE-OPERATION	
Operating rules	
Accessory attachment	
 Charging notes Battery life 	
2 PANEL DESCRIPTION	5–7
Front and side panels	5
Top panel ·····	6
Function display	7
3 BASIC OPERATION	8-10
Channel selection	
Receiving ·····	g
Dual watch/tri-watch·····	g
Transmitting ·····	
Lock function	
Function display backlighting	10
4 MEMORY AND CALL CHANNEL PROGRAMMIN	IG ····11

Memory channels ······1	1
Call channel ······1	1

5 SET MODE	
Set mode programming	
Set mode items ······	
6 SCAN FUNCTIONS	13–14
Scan types	
Starting a scan ·····	
Channel lockout	
7 OPTIONAL VOICE SCRAMBLER UNIT	15–16
Installation ·····	
Activating the scrambler	
Programming codes	
8 TROUBLESHOOTING AND CHANNEL LIST	17–18
Troubleshooting	
Resetting the CPU ······	
Channel list	
9 SPECIFICATIONS AND OPTIONS	
Specifications	19
Options ·····	19

PRE-OPERATION

Operating rules

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 usually required to be on hand.

Accessory attachment

• FLEXIBLE ANTENNA

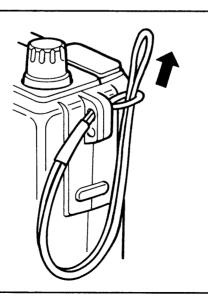
Insert the supplied antenna into the antenna connector and rotate the antenna as shown in the diagram.

KEEP the dust cover in place when jacks are not in use to avoid bad contacts.

CAUTION: Transmitting without an antenna may damage the transceiver.

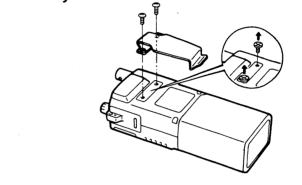
• HANDSTRAP

Attach the handstrap as shown in the diagram. Facilitates carrying.



• BELT CLIP

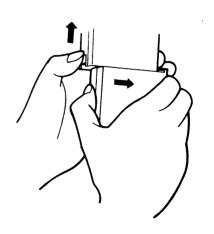
Remove the plastic screws, then attach the belt clip using the supplied metal screws. Conveniently attaches to your belt.



• BATTERY PACK

To remove: push and hold the battery pack release button upwards, then slide the battery pack free.

To attach: mate the notched ends of the transceiver and the battery pack, then click the battery into place.



1 PRE-OPERATION

Charging notes

- **NEVER** attempt to charge non-rechargeable batteries with the BP-90.
- Connect a charger as illustrated in the following diagrams. **NEVER** connect two or more chargers at the same time.
- The transceiver must be turned OFF when charging a battery pack attached to the transceiver. Failure to do so may damage the transceiver.
- Charging may not be successful in extreme cold (under 0°C; +32°F) or extreme heat (over +40°C; +104°F).
- The use of non-Icom battery packs/chargers may impair transceiver performance and invalidate the warranty.

Battery life

If your battery pack seems to have no capacity even after being charged, completely discharge it by leaving the power ON overnight. Then, fully charge the battery pack again. If the battery pack still does not retain a charge (or very little), a new battery pack must be purchased.

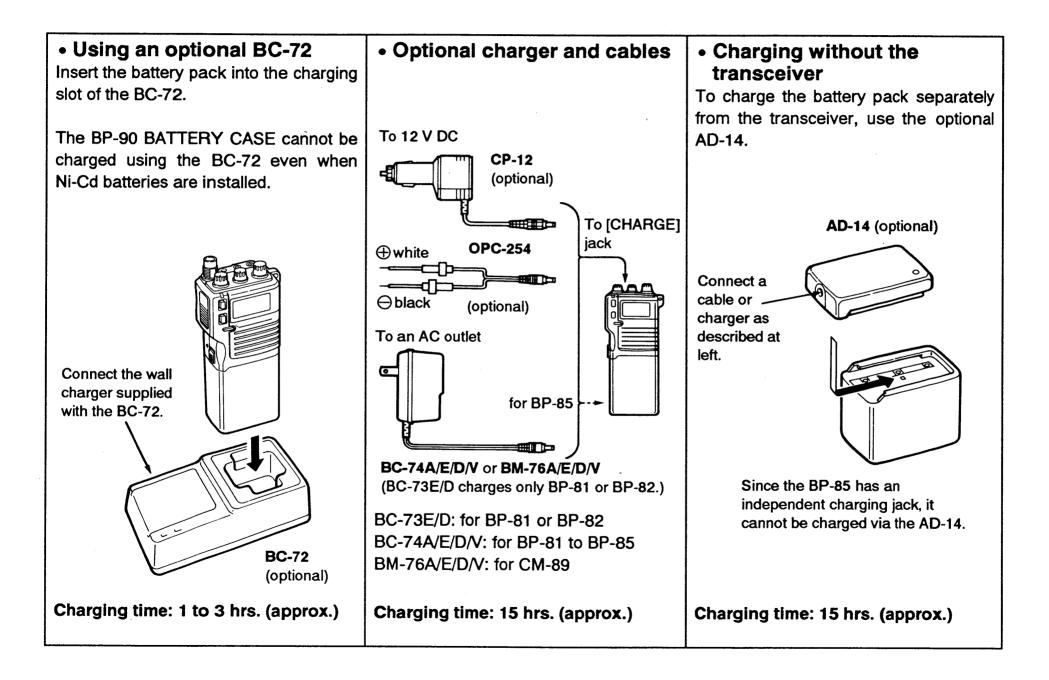
Cautions

NEVER incinerate used battery packs. Internal battery gas may cause an explosion.

NEVER immerse the battery pack in water. If the battery pack becomes wet, be sure to wipe it dry.

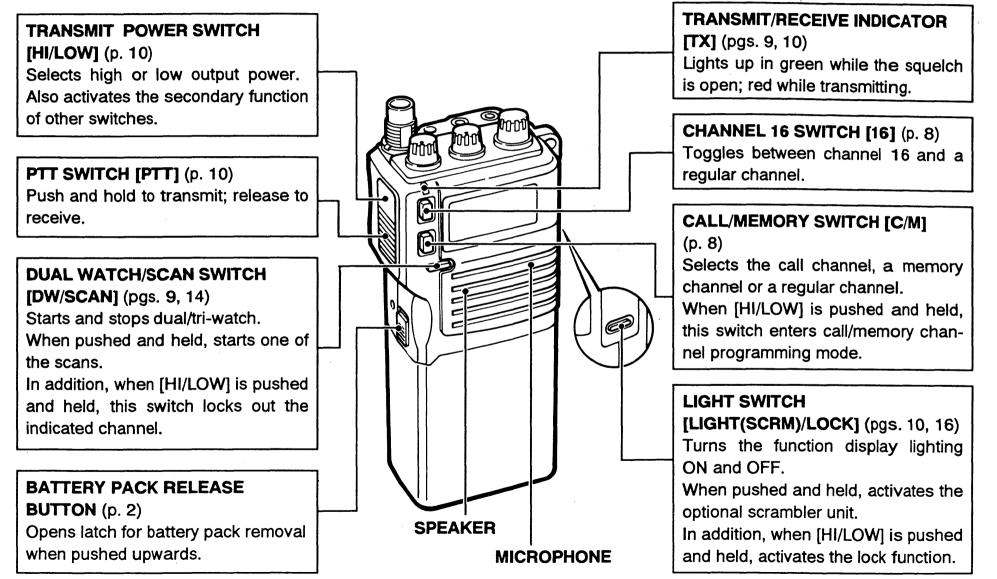
NEVER short terminals of the battery pack. Internal components may become damaged. Also, current may flow into nearby metal objects so be careful when placing battery packs in handbags, etc. • Using supplied wall charger Connect the supplied wall charger to the [CHARGE] jack. [CHARGE] Supplied wall charger IC-M9 Charging time: 15 hrs. (approx.)

PRE-OPERATION



2 PANEL DESCRIPTION

Front and side panels



5

Top panel

CHARGING JACK [CHARGE] (pgs. 3, 4) Connects the supplied wall charger for charging the supplied battery pack. CANNOT be used for transceiver operations.

ANTENNA CONNECTOR (p. 2) Connects the supplied flexible antenna.

SQUELCH CONTROL [SQL] (p. 9) Sets the squelch threshold point for audio mute.

EXTERNAL SPEAKER AND MICROPHONE JACKS [SP/MIC]

Connect an optional speakermicrophone or a headset, if desired. The internal speaker and microphone will not function when either is connected.

CHANNEL SELECTOR (p. 9)

SP

VOL

/ - @ + CHARGE MIC

Sets an operating channel during normal operation.

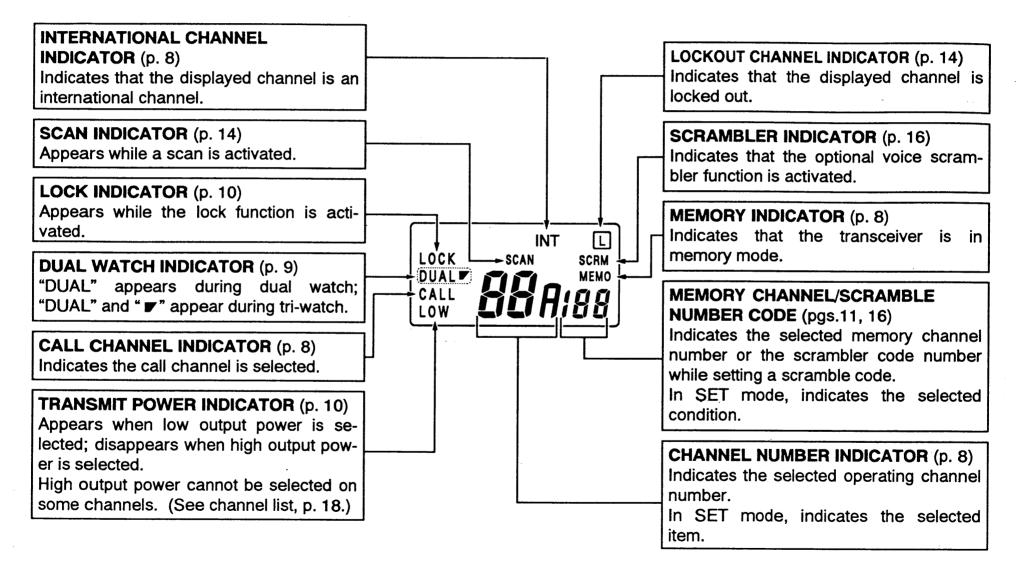
Sets a memory channel while in memory mode.

Also used to select a scramble code when the optional voice scrambler unit is installed.

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

2 PANEL DESCRIPTION

Function display



BASIC OPERATION

Channel selection

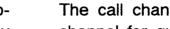
Push 16

♦ Channel 16

Channel 16 is the distress channel. It is used for establishing initial contact with another station and for emergency communications. While standingby you are required to monitor channel 16.

◇ Regular channels

There are 85 international channels available. Establish initial contact on channel 16, then move to an agreed upon channel for communications. Some channels can only transmit at low power (see the channel list, p. 18).



♦ Call channel

The call channel is used to store your most often-used channel for quick recall. In addition, the call channel is monitored during tri-watch. The default for the call channel is channel 16. -appears





- When a memory channel is selected, push [C/M] twice.
- See page 11 for call channel programming.

\diamond Memory channels

24 memory channels are used to store often-used frequencies for easy recall and scanning. After shipping from the factory or after resetting the CPU (p. 18) only memory channel 00 is programmed. appears-

twice





- When the call channel is selected, push [C/M] once.
- Rotate the channel selector to set the desired memory channel.
- See p. 11 for memory channel programming.



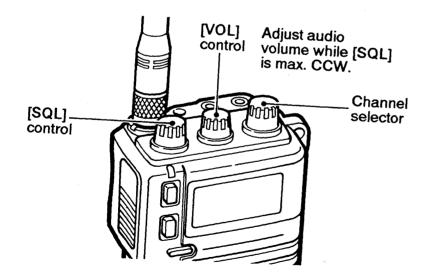
贤

- When channel 16 is selected, push [16] once.
- Rotate the channel selector to set the desired channel.

3 BASIC OPERATION

Receiving

- 1) Rotate [VOL] clockwise to turn power ON.
- 2) Rotate [SQL] fully counterclockwise.
- 3) Adjust the audio to a suitable level using [VOL].
- 4) Rotate [SQL] clockwise until audio noise is just muted.
- 5) Rotate the channel selector to set the desired channel for receiving,
 - See the previous page for how to select channel 16, regular channels, the call channel or memory channels.



Dual watch/tri-watch

This function monitors Channel 16 (and the Call channel in the case of tri-watch) while waiting on a selected channel. Set the transceiver for tri- or dual watch in SET mode depending on your preference. (See p. 12.)

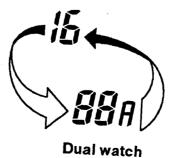
- 1) Set your desired receive channel. See p. 8. • If the Call channel is selected, only dual watch is possible.
- 2) Push [DW/(SCAN)] to activate the watch.
 - When a signal is received on Ch 16 the watch pauses and "16" flashes until the signal disappears.
 - When a signal pauses on the Call channel, Ch 16 is still monitored.
- 3) Push [DW/(SCAN)] to cancel the watch.

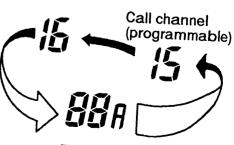


Dual watch



Tri-watch





Tri-watch

Transmitting

CAUTION: Transmitting without an antenna may damage the transceiver.

Set the transceiver as for receiving, then:

1) Set the desired channel using the channel selector.

2) Push [HI/LOW] to select the output power.

- "LOW" appears when low power is selected.
- Choose low power to conserve battery power; choose high power for longer distance communications.
- 3) Push and hold [PTT] to transmit.
 - [TX] lights up in red.
 - Some channels are for low power output only. (See channel list, p. 18).
 - To ensure privacy, use the voice scrambler function when transmitting. An optional UT-79 must be installed.
- 4) Speak into the microphone.
 - DO NOT hold the transceiver too closely to your mouth or speak too loudly. This may distort the signal.
- 5) Release [PTT] to receive.

Lock function

This function electronically locks all keys and switches to prevent accidental frequency changes and function access.

- 1) While pushing [HI/LOW], push [LIGHT/LOCK].
 - Only [PTT], [HI/LOW] and [LIGHT] are functional.



appears

- Push [16] to cancel the lock function and select channel 16.
- 2) To cancel the function, repeat step 1 above.
 - "LOCK" disappears from the function display.

Function display backlighting

This is convenient for nighttime operation.

- 1) Push [LIGHT/LOCK] to turn the function display backlighting ON.
 - The backlighting automatically turns OFF after 5 sec. if no other keys or switches are pushed during that time.
 - To conserve battery power, use the backlighting only when necessary.
- 2) To turn the function display backlighting OFF before 5 sec. have elapsed, push [LIGHT/LOCK] again.

MEMORY AND CALL CHANNEL PROGRAMMING

Memory channels

 \Diamond To program:

- 1) Push [C/M] once or twice to select a memory channel.
- 2) While pushing [HI/LOW], push [C/M].
 - "MEMO" and the memory channel number flash.
- 3) Rotate the channel selector until the desired memory appears.
- 4) Push [C/M] again.
 - The channel indication flashes.
- 5) Rotate the channel selector until the desired channel appears.
- 6) While pushing [HI/LOW], push [C/M] to complete programming.
 - The channel number stops flashing.



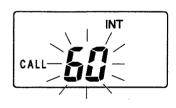
♦ To program:

ing.

- 1) Push [C/M] once or twice to select the call channel.
- 2) While pushing [HI/LOW], push [C/M].
 - The call channel flashes.

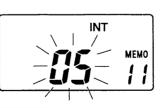


3) Rotate the channel selector until the desired channel appears.



- 4) While pushing [HI/LOW], push [C/M] again to complete programming.
 - gramming. • The channel number stops flash-





INT

INT

INT

BBA

MEMÓ

MEMO

MEMO



SET MODE

5

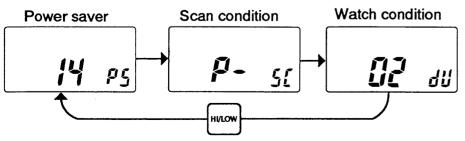
SET mode programming

SET mode is used to change the conditions of 3 transceiver functions: the power saver function, the dual/tri-watch function and the scan function.

1) Turn power OFF.

- 2) While pushing [HI/LOW], turn power ON and continue pushing [HI/LOW] until the display appears.
- 3) After the display appears, release [HI/LOW].
- 4) Push [HI/LOW] to select the desired item, if necessary.
- 5) Rotate the channel selector to select the desired condition of the item as shown in the table at right.
- 6) To exit SET mode, push [16].
 - Turning power OFF, then ON again also exits SET mode.

These displays show the default settings.



SET mode items

DISPLAY	CONDITION	COMMENT				
00 ps	Power saver OFF	The power saver function				
i4 p5	Power saver duty cycle 1 : 4	helps conserve battery power by automatically resting the receiver circuit when the transceiver is idle. For maximum battery				
18 PS	Power saver duty cycle 1 : 8	conservation, choose the highest duty cycle: 1 : 8				
p - 5(Priority scan	Select priority scan if you want to monitor the distress				
L - 5[Normal scan	channel (16) while scanning.				
02 d0	Dual watch operation	Choose tri-watch if you want to monitor the call channel in				
03 au	Tri-watch operation	addition to channel 16 and a selected channel.				

SCAN FUNCTIONS

Scan types

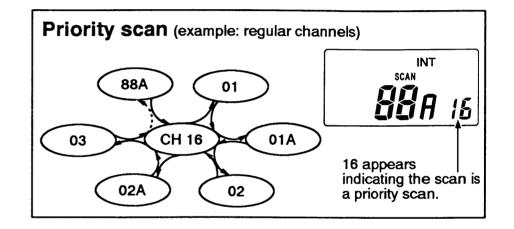
Scanning is an efficient way to locate signals quickly over a wide frequency range. The IC-M9 has 4 scan types:

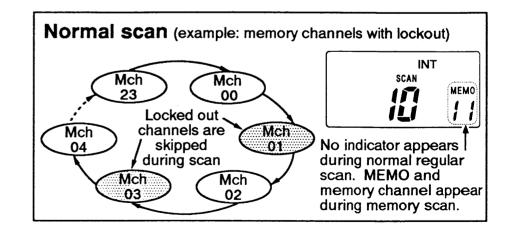
Priority scan searches through all channels in sequence while monitoring channel 16. When a signal is detected on channel 16, scan pauses until the signal disappears; when a signal is detected on a channel other than channel 16, scan becomes dual watch until the signal disappears. A small 16 appears in the display indicating priority scan, and flashes when a signal is received on channel 16.

Normal scan, like priority scan, searches through all channels in sequence (either regular or memory channels). However, unlike priority scan, channel 16 is only checked in sequence as other channels are.

NOTE: Choose either priority or normal scan in SET mode (see p. 12).

- Priority regular scan
- Priority memory scan
- Normal regular scan
- Normal memory scan





Starting a scan

Set priority scan or normal scan in advance using SET mode (see pgs. 12).

1) Make sure channel 16 or the call channel is not selected.

- Select a regular channel or memory channel (see p. 8).
- 2) Push and hold [DW/(SCAN)] for 2 seconds.
 - "SCAN" appears in the function display.
 - When a priority scan is selected "16" appears instead of the memory channel.
 - When a signal is detected, scan pauses until the signal disappears. (Ch 16 is still monitored during priority scan.)
- 3) To stop the scan, push [DW(SCAN)].
 - "SCAN" disappears.
 - Pushing [16] or [C/M] also stops the scan.

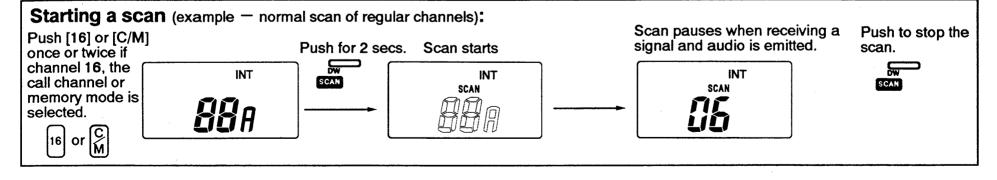
Channel lockout

For more efficient scanning, set unwanted channels as lockout channels. Channels set as lockout channels will be skipped during scanning. Channel lockout is assigned to regular channels and memory channels independently.

- 1) Select the channel to be locked out (either a regular channel or a memory channel).
 - Channel 16 or the call channel cannot be locked out.
- 2) While pushing [HI/LOW], push [DW(SCAN)].
 - " L " appears in the function display and the channel is locked out.
- 3) To unlock a channel, repeat step 2) above.



This example shows a regular channel locked out.

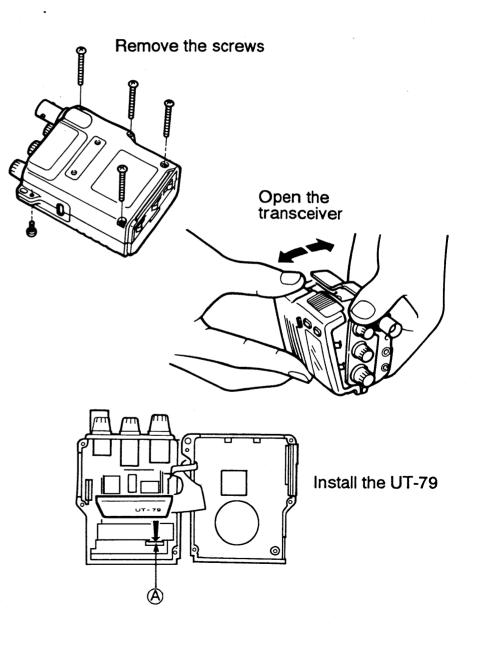


OPTIONAL VOICE SCRAMBLER UNIT

Installation

Before attempting the installation, turn the power OFF and remove both the battery pack and antenna.

- 1) Use a small Phillips screwdriver to remove the four rear panel screws and front panel screw as illustrated on the right.
- 2) Grasp the transceiver with both hands and gently separate the front and rear panels, opening from the PTT side.
 - The panels cannot be completely separated because of circuit connections.
- 3) Remove the unit marked (A) and replace with the UT-79 as illustrated on the right.
- 4) Reassemble the transceiver.
 - After reassembly, test the scrambler function. (See following page.) If there is a problem, check to see if the UT-79 has been installed correctly.



Activating the scrambler

The optional voice scrambler provides private communications. In order to receive or send scrambled transmissions you must first activate the scrambler function. To activate the function:

1) Push and hold [LIGHT(SCRM)/LOCK] for 2 seconds.

- The transceiver emits 2 beeps and "SCRM" appears in the function display.
- 2) To turn the scrambler function OFF, repeat step 1).
- INT SCRM
- The transceiver emits 2 beeps and

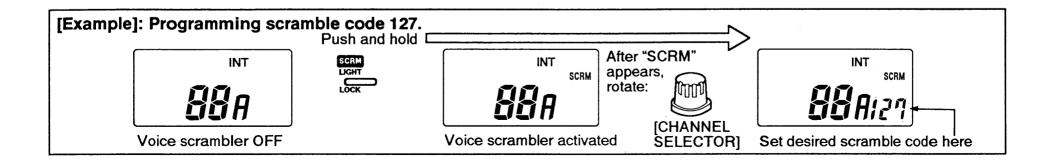
"SCRM" disappears from the function display.

NOTE: The voice scrambler function CANNOT be activated on Channel 16.

Programming codes

There are 128 codes available for programming. In order to understand one another, all transceivers in your group must have the same code programmed into the channel you are communicating on.

- 1) Select the channel you wish to program a code into.
 - Channel 16 cannot be selected.
- 2) Make sure the scramble function is OFF, then push and hold [LIGHT(SCRM)/LOCK] until "SCRM" appears.
- 3) While continuing to push [LIGHT(SCRM)/LOCK], rotate the channel selector to select the desired scramble code.
- 4) Release [LIGHT(SCRM)/LOCK].
 - The scramble code disappears from the function display but remains in effect while the scramble function is activated.



TROUBLESHOOTING AND CHANNEL LIST

Troubleshooting

PROBLEM	POSSIBLE CAUSE	SOLUTION	REF.		
No power comes ON.	 The battery is exhausted. Bad connection to the battery pack. 	 Recharge the battery pack. Check the battery pack connection to the transceiver. 			
No sound comes from the speaker.	 [SQL] is turned too far CW. External speaker or earphone is in use. [VOL] is turned completely CCW. 	 Set [SQL] to the threshold point. Disconnect the external speaker or earphone. Set [VOL] to a suitable level. 	p. 9 p. 6 p. 9		
Transmitting is impossible, or high power cannot be se- lected.	 Channels 15 and 17 are for low power only. The battery is exhausted. The output power is set to low. 	 Change channels. Replace or charge the batteries. Push [HI/LOW] to select high output power. 	p. 10 p. 3–4 p. 10		
The displayed channel can- not be changed.	 Lock function is activated. Channel 16 mode has been selected. Dual/tri-watch has been activated. Scan has been activated. 	 While pushing [HI/LOW], push [LIGHT/LOCK]. Push [16] to return to normal operation. Push [DW(SCAN)] to cancel dual/tri-watch. Push and hold [DW(SCAN)] to cancel scanning. 			
Scanning or dual watch/tri- watch does not function.	Channel 16 mode has been selected.The squelch is open.	 Push [16] to return to normal operation. Rotate [SQUELCH] clockwise. 	p. 8 p. 14		
Memory scan does not func- on • 2 or more memory channels must be pro- grammed with channel information		Program 2 or more memory channels with chan- nel information			
Dual watch functions but tri- vatch doesn't or vice versa.• You must set the transceiver to operate one or the other.		 Select dual watch or tri-watch operation in SET mode. 	p. 12		
Receive signal cannot be understood. • Optional voice scrambler has been turned OFF. • Voice scrambling code has not been set cor- rectly (when the scrambler has been turned ON.)			p. 16 p. 16		

Resetting the CPU

CAUTION: Resetting the CPU erases all memory contents and user-programmed SET mode conditions and returns the transceiver to its default settings.

- (1) While pushing [HI/LOW] and [DW/SCAN], turn the transceiver's power ON.
 - All segments of the LCD appear.



- ② Continue pushing [HI/LOW] and [DW/SCAN] until the only indication in the display is the ch16 indication.
 - All memory channel contents are erased and all userprogrammed SET mode conditions are returned to their default settings.



Channel list

СН	Frequen	cy (MHz)	СН	Frequen	cy (MHz)	СН	Frequen	cy (MHz)
Cn	ТХ	RX	Un	ТХ	RX	un	ТΧ	RX
01	156.050	160.650	21	157.050	161.650	71	15 6 .575	156.575
01A	156.050	156.050	21A	157.050	157.050	72	156.625	156.625
02	156.100	160.700	22	157.100	161.700	73	156.675	156.675
02A	156.100	156.100	22A	157.100	157.100	74	156.725	156.725
03	156.150	160.750	23	157.150	161.750	77	156.875	156.875
03A	156.150	156.150	23A	157.150	157.150	78	156.925	161.525
04	156.200	160.800	24	157.200	161.800	78A	156.925	156.925
04A	156.200	156.200	25	157.250	161.850	79	156.975	161.575
05	156.250	160.850	26	157.300	161.900	79A	156.975	156.975
05A	156.250	156.250	27	157.350	161.950	80	157.025	161.625
06	156.300	156.300	28	157.400	162.000	80A	157.025	157.025
07	158.350	160.950	60	15 6 .025	160.625	81	157.075	161.675
07A	156.350	156.350	60A	156.025	156.025	81A	157.075	157.075
80	156.400	156.400	61	156.075	160.675	82	157.125	161.725
09	156.450	156.450	61A	156.075	156.075	82A	157.125	157.125
10	156.500	156.500	62	156.125	160.725	83	157.175	161.775
11	156.550	156.550	62A	15 6 .125	156.125	83A	157.175	157.175
12	156.600	156.600	63	15 6 .175	160.775	84	157.225	161.825
13	156.650	156.650	63A	156.175	156.175	84A	157.225	157.225
14	156.700	156.700	64	156.225	160.825	85	157.275	161.875
15*	156.750	156.750	64A	156.225	156.225	85A	157.275	157.275
16	156.800	156.800	65	156.275	160.875	86	157.325	161.925
17*	156.850	156.850	65A	156.275	156.275	86A	157.325	157.325
18	156.900	161.500	66	156.325	160.925	87	157.375	161.975
18A	156.900	156.900	66A	156.325	156.325	87A	157.375	157.375
19	156.950	161.550	67	156.375	156.375	88	157.425	162.025
19A	156.950	156.950	68	156.425	156.425	88A	157.425	157.425
20	157.000	161.600	69	156.475	156.475			
20A	157.000	157.000	70*	156.525	156.525	*Lov	v power o	nly

Specifications

• GENERAL

Frequency coverage

Mode Channel spacing Current drain (at 12.5 V)

Power supply requirement Usable temperature range Dimensions (with CM-89)

Weight (with CM-89) Antenna impedance

• TRANSMITTER

Output power*

Modulation system

Max. frequency deviation

RECEIVER

Receive system

Sensitivity (12 dB SINAD) Squelch sensitivity Audio output power

- : Transmit 156-157.5 MHz Receive 156-163 MHz : FM (16K0G3E) : 25 kHz : TX High 1.8 A max. TX Low 0.9 A max. Max. audio 300 mA max. Squelched 15 mA typical : BP-81 to BP-85, BP-90 or CM-89 $:-20^{\circ}$ to $+60^{\circ}$ C $(-4^{\circ}$ F to $+140^{\circ}$ F) : 49(W) \times 123(H) \times 33(D) mm $1.9(W) \times 4.8(H) \times 1.3(D)$ in : 310 g: 10.9 oz : 50 Ω (unbalanced)
- : High 5 W Low 0.5 W *Varies with battery pack used
- : Variable reactance phase modulation : ± 5.0 kHz
- : Double-conversion superheterodyne
- : 0.35 μV
- : Less than 0.3 μ V (at threshold)
- : 500 mW with an 8 Ω load

All stated specifications are subject to change without notice or obligation.

Options

Icom offers a wide variety of options to suit your operating needs.

\Diamond MICROPHONES AND HEADSET



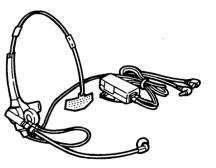
CM-9 SPEAKER-MICROPHONE Combination speaker and microphone.



SPEAKER-MICROPHONE Combination speaker and microphone equipped with an earphone jack.



HM-54 SPEAKER-MICROPHONE Combination speaker and microphone.



HS-51 HEADSET Lightweight headset with VOX function.

SPECIFICATIONS AND OPTIONS 9

CHARGERS CHARGER BC-72 DESKTOP CHARGER For rapid charging. CP-12 CIGARETTE LIGHTER CABLE WITH NOISE FILTER For charging BP-81 to BP-90 and CM-89 with a 12 V-type car battery.

• AD-14 BATTERY CHARGE ADAPTER

Used for charging battery packs (BP-81 to BP-84, BP-90) separated from the IC-M9.

• BC-73E/D WALL CHARGER

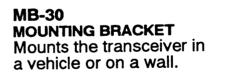
For charging BP-81 or BP-82.

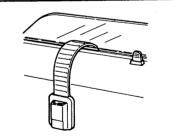
- BC-74A/E/D/V WALL CHARGER For charging BP-81 to BP-90.
- BC-76A/E/D/V WALL CHARGER For charging CM-89.
- OPC-254 MINI DC POWER CABLE

For charging BP-81 to BP-90 and CM-89 via 12 V DC power.

\diamondsuit batteries and case

BATTERY	OUTPUT	BATTERY CAPACITY	HEIGHT (mm/in)	CARRYING CASES
BP-81	7.2 V	110 mAh	30.0/1.2	LC-53
BP-82	7.2 V	400 mAh	40.0/1.6	LC-55
BP-83	7.2 V	600 mAh	59.5/2.3	LC-55
BP-84	7.2 V	1000 mAh	76.0/3.0	LC-56
BP-85	12.0 V	400 mAh	76.0/3.0	LC-56
BP-90	Battery case bat	e for 6 R6 (AA) teries	59.5/2.3	LC-55
CM-89	9.6 V	400 mAh	59.5/2.3	LC-55





• FA-150T FLEXIBLE ANTENNA

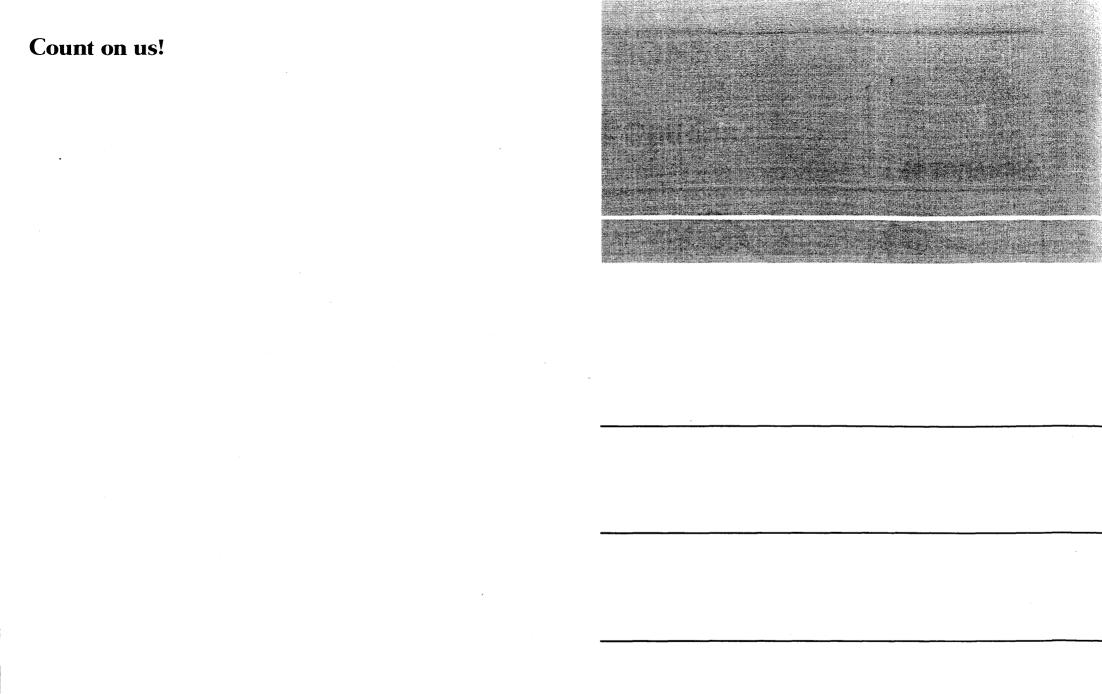
Same type as supplied with the transceiver.

• FA-150TA FLEXIBLE ANTENNA

Short-type antenna.

• UT-79 VOICE SCRAMBLER UNIT

Ensures private communications. 128 codes available.



A-5262S-1EX Printed in Japan Copyright © 1993 by Icom Inc.



Icom Inc. 6-9-16, Kamihigashi, Hirano-ku, Osaka 547, Japan

This file has been downloaded from:

www.UsersManualGuide.com

User Manual and User Guide for many equipments like mobile phones, photo cameras, monther board, monitors, software, tv, dvd, and othes...

Manual users, user manuals, user guide manual, owners manual, instruction manual, manual owner, manual owner's, manual guide, manual operation, operating manual, user's manual, operating instructions, manual operators, manual operator, manual product, documentation manual, user maintenance, brochure, user reference, pdf manual