



VHF MARINE TRANSCEIVER

IC-M72



The radio with **MORE** :

- More Power (6 Watts)
- More Waterproof (IPX8)
- More Form Factor (easy to hold and operate)



Compact Body, Great "Form Factor"

A compact design, hourglass body-shape and comfortable side grips give the IC-M72 an outstanding "form factor"—it's easy to use with just one hand!

Highest available power! 6 Watts

The IC-M72's 6 Watts*¹ of transmit power can carry a conversation a long way. A large capacity 2000mAh Lithium-Ion battery allows for 15–16 hours of operation, under normal conditions*².

*¹ 5W for Australia version, *² 5% Transmit, 5% Receive, 90% Stand-by

Impressive Force5Audio

The M72's impressive audio output (600mW typ.*) is loud enough to hear in most any marine environment — even over loud engine noise. (* 10% distortion, 8Ω load)

Submersible PLUS (IPX8)

The IC-M72 offers Icom's best-ever protection against water intrusion. This radio has been tested to survive after being submerged in 1.5m (4.9ft) depth of water for 30 minutes.

Wide Viewing Angle LCD

A wide viewing angle, high intensity LCD is used in the IC-M72, offering bright, easy to read characters. The bright LCD backlighting and backlit keypad is great for night time operation.

30% Shorter Antenna

The IC-M72's antenna is engineered to perform with typical Icom efficiency even though it is nearly 30%* shorter than previous Icom marine antenna.

* IC-M72's antenna length is 115mm; 4^{17/32} in.

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Additional features

- Auto scan function to start scanning when receiving no signal
- Auto power save function
- Battery indicator shows remaining battery power in 4 levels
- With one of Icom's optional headsets and the OPC-1392, the IC-M72 offers hands-free operation

- Auto WX scan and WX Alert function
- Simple add/delete TAG scanning operation
- Built-in UT-112 compatible voice scrambler (Depending on version)
- AquaQuake draining function emits a vibrating sound and clears water away from the speaker grill

SPECIFICATIONS

GENERAL

- Frequency range :
 - Tx 156.025–157.425MHz
 - Rx 156.050–163.275MHz
- Usable channels : USA, INT, CAN*, WX channels (* Depending on version)
- Current drain (at 7.5V DC) :
 - Tx 6W output 1.7A typical
 - 5W output 1.5A typical
 - Rx Internal SP 400mA typical (AF Max.)
 - External SP 200mA typical (AF Max.)
- Operating Temp. range : -20°C to +60°C; -4°F to +140°F
- Antenna impedance : 50Ω (SMA)
- Dimensions (W×H×D) : 52.5×125×30 mm; (projections not included) 2 1/8×4 29/32×1 3/16 in
- Weight (approx.) : 280g; 9.9oz (with BP-245)

Measurement made in accordance with TIA/EIA-603. All stated specifications are subject to change without notice or obligation.

TRANSMITTER

- Output power (Hi/Mid/Low): 6/3/1W
- Australia version 5/3/1W
- Max. frequency deviation: ± 5.0kHz
- Frequency error : ± 10ppm
- Spurious emissions : -68dBc typical
- Adjacent channel power : 70dB
- Hum and noise ratio : 40dB
- Audio harmonic distortion : Less than 10% (at 60% mod.)

RECEIVER

- Sensitivity (12dB SINAD) : 0.22μV typical
- Squelch sensitivity : 0.35μV typical (at threshold)
- Adjacent channel selectivity : 70dB typical
- Spurious response : 70dB typical
- Intermodulation rejection : 70dB typical
- Hum and noise ratio : 40dB

- Audio output power (at 10% distortion with an 8Ω load) :
 - Internal SP 0.6W typical
 - External SP 0.35W typical

Supplied accessories: (* Depending on version)

- Battery pack, BP-245
- AC adaptor, BC-147A/BM-95V*
- Antenna, FA-S64V
- Battery charger, BC-166
- Belt clip, MB-103
- Hand strap

Applicable U.S. Military Specifications

Standard	MIL 810 C		MIL 810 D		MIL 810 E		MIL 810 F	
	Method	Proc.	Method	Proc.	Method	Proc.	Method	Proc.
Low Pressure	500.1	I	500.2	I, II	500.3	I, II	500.4	I, II
High Temp.	501.1	I	501.2	I, II	501.3	I, II	501.4	I, II
Low Temp.	502.1	I	502.2	I, II	502.3	I, II	502.4	I, II
Temp. Shock	503.1	I	503.2	I	503.3	I	503.4	I
Solar Radiation	505.1	I	505.2	I	505.3	I	505.4	I
Rain	506.1	I, II	506.2	I, II	506.3	I, II	506.4	I, III
Humidity	507.1	I, II	507.2	II, III	507.3	II, III	507.4	I
Salt Fog	509.1	I	509.2	I	509.3	I	509.4	-
Dust Blowing	510.1	I	510.2	I	510.3	I	510.4	I
Immersion	512.1	I	512.2	I	512.3	I	512.4	I
Vibration	514.2	VIII, X	514.3	I	514.4	I	514.5	I
Shock	516.2	I, II, V	516.3	I, IV	516.4	I, IV	516.5	I, IV

OPTIONS

Some options may not be available in some countries. Please ask your dealer for details.



BP-245/N BATTERY PACK
7.4V/2000mAh Li-Ion battery pack. Provides 15–16 hours* operating time (approx.). Same as supplied. *(Tx (Hi); Rx: standby=5:5:90).



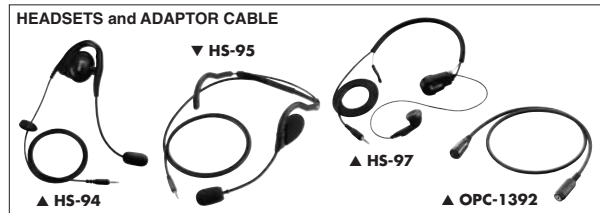
BC-166 DESKTOP CHARGER + BC-147A/BM-95V AC ADAPTER
Regularly charges the battery pack, BP-245/N in 11–12 hours (approx.). Same as supplied.



BC-119N DESKTOP CHARGER + AD-114 CHARGER ADAPTER + BC-145A/V AC ADAPTER
For rapid charging of a battery pack. Charging time: 3–4 hours. (approx.)



BC-121N MULTI-CHARGER + AD-114 CHARGER ADAPTER + BC-157 AC ADAPTER
For rapid charging of up to 6 battery packs (Six AD-114s are required). Charging time: 3–4 hours. (approx.)
OPC-656 DC POWER CABLE (12–16 V DC required)



HEADSETS and ADAPTOR CABLE

- HS-94** : Earhook headset with flexible boom microphone.
- HS-95** : Behind-the-head headset with flexible boom microphone.
- HS-97** : Throat microphone fits around your neck and picks up speech vibrations.
- OPC-1392** : Required when using these headsets. These headsets are not waterproof.

ForceAudio is a trademark of Icom Inc. (Japan) in the U.S.A.



HM-125 Full sized, submersible construction corresponds to IPX7 (1m depth for 30 minutes).



MB-86: Swivel-type.
MB-103: Alligator-type. Same as supplied.



CP-17L CIGARETTE LIGHTER CABLE WITH NOISE FILTER
OPC-515L DC POWER CABLE
Replaces AC adapter BC-145A when using DC power on battery charger, BC-119N. (12–16 V DC required)

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