



IC-M73 IC-M73 PLUS

VHF MARINE TRANSCEIVER

Slim, Stylish, Powerful VHF with Professional Features



Photo shows
USA version



Last Call Voice Recording*

The last call voice recording function automatically saves the last incoming call for one minute. You can also start recording manually. You will not miss an important call.



Active Noise Cancelling Technology*

The built-in bidirectional active noise cancelling reduces background noise to up to 90% and improves both your transmitted voice and incoming call. You will hear better and clearer!



Bass Boost Function*

The signal processing technology emphasizes low-pitched sound to provide a rich bass sound for both transmit and receive signals.



**700 mW
Loud Audio**



**6 W RF
Output Power**



**IPX8 Submersible Plus™
Waterproofing**

* Available in the IC-M73 PLUS only

700 mW Loud Audio

The IC-M73 uses a BTL (bridge-tied load) amplifier that doubles the audio output. Its internal speaker delivers a loud 700 mW audio output with clear sound.

6 W RF Output Power

The IC-M73's 6 Watts of transmit power will provide extended communication range for the user. A large capacity Lithium-Ion battery, BP-245H allows for 17 hours of operation, under normal conditions*.

* Typical operation with 5:5:90 duty ratio.

20 hours for basic version.

SPECIFICATIONS

GENERAL		
Frequency range	Tx	156.025–157.425 MHz
	Rx	156.050–163.275 MHz
Usable channel groups		INT, USA, CAN, WX channels
Type of emission		16K0G3E (FM)
Current drain (approximate)		
Tx 6 W output		1.5 A
Rx Max. audio (Int SP/Ext SP)		450 mA/250 mA
Operating temp. range		–20°C to +60°C; –4°F to +140°F
Antenna impedance		50 Ω
Dimensions (W×H×D)		52.5×125×30 mm
(projections not included)		2.0×4.9×1.2 in
Weight (approximate)		320 g; 11.3 oz
		(With BP-245H, FA-S64V, MB-103)

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

IPX8 Submersible Plus™

The IC-M73 continues to offer Icom's best waterproof protection. The radio has been tested to survive after being submersed in 1.5 m (4.9 ft) depth of water for 30 minutes.

**Slim, Hourglass Body
Wide Viewing Angle LCD**

The IC-M73 has a stylish, ergonomic design. A durable and rugged body provides for user-friendly operation and long life. A wide viewing angle, high intensity LCD offers bright, easy to read characters.

TRANSMITTER	
Output power (Hi/Mid/Low)	6 W/3 W/1 W
Max. frequency deviation	±5.0 kHz
Frequency stability	±10 ppm
Spurious emissions	–68 dBc typical
Adjacent channel power	70 dB
Audio harmonic distortion	10% (at 60% dev.)
Residual modulation	40 dB
RECEIVER	
Sensitivity	0.22 µV typical (at 12dB SINAD)
Squelch sensitivity	0.35 µV typical (at threshold)
Adjacent channel selectivity	70 dB typical
Spurious response	70 dB typical
Intermodulation	70 dB typical
Hum and noise	40 dB
Audio output power	700 mW typical (Internal SP)
(at 10% distortion, 8 Ω load)	350 mW typical (External SP)

Additional features

- AquaQuake™ prevents audio degradation from a water-logged speaker
- Dual/Tri-Watch function for monitoring Channel 16 and/or call channel
- 4 level battery indicator
- Favorite channel and tag scan functions
- Rapid desktop charger, BC-210, and cigarette lighter cable, CP-25H, are supplied
- Optional waterproof speaker-microphones, HM-167 and HM-202
- Auto power save function

Applicable U.S. Military Specifications & IP Rating

Standard	MIL 810G	
	Method	Procedure
Low Pressure	500.5	I, II
High Temperature	501.5	I, II
Low Temperature	502.5	I, II
Temperature Shock	503.5	I-C
Solar Radiation	505.5	I
Rain Blowing/Drip	506.5	I, III
Humidity	507.5	II
Salt Fog	509.5	–
Dust Blowing	510.5	I
Immersion	512.5	I
Vibration	514.6	I
Shock	516.6	I, IV

Also meets equivalent MIL-STD-810-C, -D, -E and -F.

Applicable IP Rating

Ingress Protection Standard	
Water	IPX8 (Waterproof protection)

OPTIONS

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

BATTERY PACK

BP-245H Li-Ion 7.2 V,
2100 mAh (min.), 2250 mAh (typ.).

RAPID CHARGER

BC-123S* **BC-210**
Charges the BP-245H in 3 hours (approx.).
* BC-123SA for 120V AC. SE for 230V AC.

MULTI-CHARGER

BC-197 **BC-157S**
Charges up to six BP-245H in 3 hours (approx.).
AD-129 is supplied with the BC-197, depending on version.

Supplied Accessories:

- Cigarette lighter cable, CP-25H
- Rapid charger, BC-210
- Belt clip, MB-103
- Hand strap
- AC adapter, BC-123SA/SE*
- Battery pack, BP-245H
- Antenna, FA-S59V or FA-S64V*

* May differ depending on version.

SPEAKER-MICROPHONES

HM-167 **HM-202**
IPX8 rugged type IPX7 compact type

BELT CLIPS

MB-86 **MB-103**
Swivel type Alligator type

BELT HANGERS

MB-96N **MB-96F** **MB-96FL**
Swivel type Fixed type Long type

**CIGARETTE LIGHTER CABLE
& DC POWER CABLES**

CP-25H **OPC-515L** **OPC-656**
For use with BC-210 For use with BC-210 For use with BC-197

ANTENNAS

FA-S59V (Left) 150 mm
FA-S64V (Right) 115 mm

Icom, Icom Inc. and Icom logo are registered trademarks of Icom Incorporated (Japan) in Japan, the United States, the United Kingdom, Germany, France, Spain, Russia, Australia, New Zealand and/or other countries. AQUAQUAKE and SUBMERSIBLE PLUS are trademarks of Icom Inc. (Japan). All other trademarks are the properties of their respective holders.

Icom Inc.

1-1-32, Kamiminami, Hirano-Ku, Osaka 547-0003, Japan Phone: +81 (06) 6793 5302 Fax: +81 (06) 6793 0013

www.icomjapan.com

Icom America Inc.
www.icomamerica.com

Icom (Europe) GmbH
www.icomeurope.com

Icom (Australia) Pty. Ltd.
www.icom.net.au

Your local distributor/dealer:

Icom Canada
www.icomcanada.com

Icom Spain S.L.
www.icomspain.com

Icom Asia Co., Ltd.
www.icomasia.com

Icom Brazil
E-mail: sales@icombrasil.com

Icom (UK) Ltd.
www.icomuk.co.uk

Icom France s.a.s.
www.icom-france.com