



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

\* 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

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