

  
**ICOM**

VHF MARINE TRANSCEIVER

**IC-M73EURO**

***Slim, Stylish, Powerful VHF  
with Professional Features***



**Last Call Voice  
Recording**

The last call voice recording function automatically saves the last incoming call for 1 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.



**700mW  
Loud Audio**



**6W RF  
Output Power**



**IPX8 Advanced  
Waterproofing**

## 700 mW Loud Audio

The IC-M73EURO uses a BTL (bridged load) amplifier that doubles the audio output. Its internal speaker delivers a loud 700mW audio output with clear sound.

## 6 W RF Output Power

The IC-M73EURO's 6 Watts\*1 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\*2.

\*1 1 W for FRG version, \*2 Typical operation with 5:5:90 duty ratio. 20 hours for basic version.

## IPX8 Advanced Waterproofing

The IC-M73EURO 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-M73EURO 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.

## Additional features

- AquaQuake™ water draining function
- Dual/Tri-Watch function\* for monitoring Channel 16 and/or call channel  
\* Not available in the HOL version.
- 4 level battery indicator
- Favorite channel and tag scan functions
- Optional waterproof speaker-microphones, HM-167 and HM-202
- Rapid charger BC-210 supplied
- Auto power save function
- Basic version (no voice recorder, no noise canceller and no bass boost function) available for limited markets.
- Supports new four-digit marine channels effective from January 1st, 2017

## SPECIFICATIONS

| GENERAL  |  |                     |
|--|--|---------------------|
| Frequency range                                  | Tx   | 156.000–161.450 MHz |
|  | Rx   | 156.000–163.425 MHz |
| Usable channel groups                            | INT, USA* channels<br>(* Depending on version) |                     |
| Type of emission                                 | 16K0G3E (FM)                                   |                     |
| Current drain                                    |  |                     |
| Tx 6 W output                                    | 1.5 A  |                     |
| Rx Max. audio (int SP/Ext SP)                    | 450 mA/250 mA                                  |                     |
| Operating temp. range                            | -15°C to +55°C                                 |                     |
| Antenna impedance                                | 50 Ω (SMA)                                     |                     |
| Dimensions (WxHxD)<br>(projections not included) | 52.5x125x30 mm                                 |                     |
| Weight (approx.)                                 | 320 g<br>(With BP-245H, FA-S64V, MB-103)       |                     |

Measurements made in accordance with EN301-178-2. All stated specifications are subject to change without notice or obligation.

| TRANSMITTER   |   |
|---|---|
| Output power (Hi/Mid/Low)                           | 6 W/3 W/1 W<br>1/0.5 W (FRG version)                    |
| Max. frequency deviation                            | ±5.0 kHz  |
| Frequency stability                                 | ±1.5 kHz  |
| Spurious emissions                                  | 0.25 µW   |
| Adjacent channel power                              | 70 dB   |
| Audio harmonic distortion                           | Less than 10% (at 60% dev.)                             |
| Residual modulation                                 | 40 dB   |
| RECEIVER  |   |
| Sensitivity (at 20 dB SINAD)                        | -4 dBµ emf typ.   |
| Squelch sensitivity                                 | -5 dBµ emf typ. (at threshold)                          |
| Adjacent channel selectivity                        | 70 dB   |
| Spurious response                                   | 70 dB   |
| Intermodulation                                     | 68 dB   |
| Hum and noise                                       | 40 dB   |
| Audio output power<br>(at 10% distortion, 8 Ω load) | 700 mW typ. (Internal SP@1 kHz)<br>200 mW (External SP) |

## 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** Rechargeable Li-Ion  
7.2 V, 2100 mAh (min.), 2250 mAh (typ.).

**RAPID CHARGER**



**BC-123SE** **BC-210**  
Charges the BP-245H in 3 hours (approx.).

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

\* Not supplied or may differ depending on version.

**SPEAKER-MICROPHONES**



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

**BELT CLIPS**



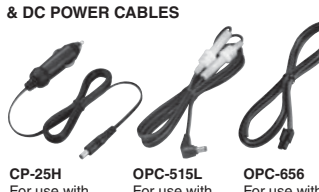
**MB-86** **MB-103**  
Swivel type Alligator type

**LEATHER BELT HANGERS**



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

**CIGARETTE LIGHTER CABLE & DC POWER CABLES**



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

**ANTENNAS**



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

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

[www.icom.co.jp/world](http://www.icom.co.jp/world) **Count on us!**

**Icom America Inc.**  
12421 Willows Road NE,  
Kirkland, WA 98034, U.S.A.  
Phone: +1 (425) 454-8155  
Fax: +1 (425) 454-1509  
E-mail: sales@icomamerica.com  
URL: <http://www.icomamerica.com>

**Icom (Europe) GmbH**  
Communication Equipment  
Auf der Krautweide 24  
65812 Bad Soden am Taunus, Germany  
Phone: +49 (6196) 76685-0  
Fax: +49 (6196) 76685-50  
E-mail: info@icomeurope.com  
URL: <http://www.icomeurope.com>

**Icom France s.a.s.**  
Zac de la Plaine,  
1 Rue Brindejonc des Moulinais, BP 45804,  
31505 Toulouse Cedex 5, France  
Phone: +33 (5) 61 36 03 03  
Fax: +33 (5) 61 36 03 00  
E-mail: icom@icom-france.com  
URL: <http://www.icom-france.com>

**Icom Canada**  
Glenwood Centre #150-6165  
Highway 17A, Delta, B.C.,  
V4K 5B8, Canada  
Phone: +1 (604) 952-4266  
Fax: +1 (604) 952-0090  
E-mail: info@icomcanada.com  
URL: <http://www.icomcanada.com>

**Icom Spain S.L.**  
Ctra. Rubi, No. 88 "Edificio Can Castanyer"  
Bajos A 08174, Sant Cugat del Valles,  
Barcelona, Spain  
Phone: +34 (93) 590 26 70  
Fax: +34 (93) 589 04 46  
E-mail: icom@icomspain.com  
URL: <http://www.icomspain.com>

**Icom (Australia) Pty. Ltd.**  
Unit 1 / 103 Garden Road,  
Clayton, VIC 3168 Australia  
Phone: +61 (03) 9549 7500  
Fax: +61 (03) 9549 7505  
E-mail: sales@icom.net.au  
URL: <http://www.icom.net.au>

**Icom Brazil**  
Rua Itororó, 444 Padre Eustáquio  
Belo Horizonte MG,  
CEP: 30720-450, Brazil  
Phone: +55 (31) 3582 8847  
Fax: +55 (31) 3582 8987  
E-mail: sales@icombrasil.com

**Icom (UK) Ltd.**  
Blacksole House, Altira Park,  
Herne Bay, Kent, CT6 6GZ, U.K.  
Phone: +44 (0) 1227 741741  
Fax: +44 (0) 1227 741742  
E-mail: info@icomuk.co.uk  
URL: <http://www.icomuk.co.uk>

**Asia Icom Inc.**  
6F No. 68, Sec. 1 Cheng-Teh Road,  
Taipei, Taiwan, R.O.C.  
Phone: +886 (02) 2559 1899  
Fax: +886 (02) 2559 1874  
E-mail: sales@asia-icom.com  
URL: <http://www.asia-icom.com>

Your local distributor/dealer: