



VHF MARINE TRANSCEIVER

# IC-M92D

## The World's First Active Noise Cancelling Handheld with DSC, GPS and MOB



### New Intuitive User Interface

The new menu system provides easy and intuitive operation. The bottom line of the display shows the software key functions which can be toggled with the left and right buttons.



### Active Noise Cancelling

The built-in bidirectional active noise cancelling reduces background noise to up to 90% and improves both your transmitted voice and incoming call. Hear and be heard more clearly.



### Built-in GPS

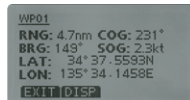
The built-in high sensitivity GPS receiver shows your current position and can be used for DSC calls. The MOB (Man overboard) function keeps the position of the incident.



Compass



Navigation to a waypoint



### Built-in DSC for Handheld

The IC-M92D has DSC functions which includes distress, individual, group, all ships, urgency, safety and DSC test calls.



### Float'n Flash

The IC-M92D floats in the water in the face-up position and lets you know where it is with the LCD flashing and audible "beep alarm" feature as an aid for retrieval in the dark.



### 700mW (typ.) Loud Audio

The large speaker delivers 700mW (typ.) of loud and intelligible audio even in noisy environments.



### Desktop Charger and Cigarette Lighter Cable Supplied

The cigarette lighter cable and desktop charger are supplied to charge the battery pack.

**Additional features**

- Optional submersible speaker-microphone, HM-167
- 50 waypoint memories
- AquaQuake™ draining function
- Weather channel receive with alert function (USA version only)

- Dual/Tri-Watch function for monitoring Ch. 16 and/or call channel
- Battery indicator shows remaining battery power in 4 levels
- Favorite channel function

**SPECIFICATIONS**

| GENERAL                    |          |                                              |
|----------------------------|----------|----------------------------------------------|
| Frequency range            | Tx<br>Rx | 156.025–157.425MHz<br>156.050–163.275MHz     |
| Usable channel groups      |          | INT, USA, CAN, WX channels                   |
| Type of emission           |          | 16K0G3E (FM),<br>16K0G2B (DSC)               |
| Current drain (at 7.4V DC) |          |                                              |
| Tx 5W output               |          | 1.5A                                         |
| Rx AF max.                 |          | 500mA                                        |
| Operating temp. range      |          | -20°C to +60°C; -4°F to +140°F               |
| Antenna impedance          |          | 50Ω                                          |
| Dimensions (W×H×D)         |          | 61.2×141.4×43.2 mm;<br>2.41×5.57×1.7 in      |
| Weight (approx.)           |          | 318g; 11.2oz (With BP-275, FA-SC59V, MB-109) |

| TRANSMITTER              |             |
|--------------------------|-------------|
| Output power (Hi/Low)    | 5W/1W       |
| Max. frequency deviation | ±5kHz       |
| Frequency stability      | ±10ppm      |
| Spurious emissions       | -68dBc typ. |

| RECEIVER                     |                             |
|------------------------------|-----------------------------|
| Sensitivity                  | 0.25μV typ. (at 12dB SINAD) |
| Squelch sensitivity          | 0.35μV typ. (Threshold)     |
| Adjacent channel selectivity | 70dB typ.                   |
| Spurious response            | 70dB typ.                   |
| Intermodulation rejection    | 70dB typ.                   |
| Hum and noise ratio          | 40dB                        |
| Audio output power           | 700mW typ. (Internal SP)    |
| (at 10% distortion, 8Ω load) | 350mW typ. (External SP)    |

| GPS (GPS Module Specifications) |                                                      |
|---------------------------------|------------------------------------------------------|
| Receiver channels               | 48 channels                                          |
| Sensitivity                     | Less than -146dBm                                    |
| Time to first fix               | 36 sec. typ. (Cold start)<br>1 sec. typ. (Hot start) |

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

**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.

| Ingress Protection Standard |                              |
|-----------------------------|------------------------------|
| Water                       | IPX7 (Waterproof protection) |

**OPTIONS**


**BATTERY PACK**

**BP-275**  
Li-Ion 7.4V,  
1500mAh



Provides 8 hours of operating time.  
(Typical operation with 5:5:90 duty ratio.)


**REGULAR CHARGER**



**BC-147SA/SE**      **BC-204**

Charges the BP-275 in 9 hours (approx.).


**RAPID CHARGER**



**BC-123SA/SE**      **BC-205**

Charges the BP-275 in 2.5 hours (approx.).

**MULTI-CHARGER**



**BC-197**

Charges up to six BP-275 in 2.5 hours (approx.).  
AD-124 is supplied with the BC-197, depending on version.

**SPEAKER-MICROPHONE**



**HM-167**

**BELT CLIP**




**MB-109**

**LEATHER BELT HANGER**




**MB-96F**

**CIGARETTE LIGHTER CABLES**



**CP-25** For use with BC-204      **CP-23L** For use with BC-205

**DC POWER CABLES**



**OPC-515L** For use with BC-205      **OPC-656** For use with BC-197

**FA-SC59V ANTENNA**  
Same as supplied.

**SUPPLIED ACCESSORIES**



- AC adapter, BC-147SA/SE
- Cigarette lighter cable, CP-25
- Battery charger, BC-204
- Battery pack, BP-275
- Belt clip, MB-109
- Antenna, FA-SC59V
- Hand strap

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

**Icom Inc.**

1-132, Kami-minami, 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.**

2380 116th Avenue NE,  
Bellevue, WA 98004, U.S.A.  
Phone: +1 (425) 454-8155  
Fax: +1 (425) 454-1509  
E-mail: [sales@icomamerica.com](mailto:sales@icomamerica.com)  
URL: <http://www.icomamerica.com>

**Icom New Zealand**

146A Harris Road, East Tamaki,  
Auckland, New Zealand  
Phone: +64 (09) 274 4062  
Fax: +64 (09) 274 4708  
E-mail: [inquiries@icom.co.nz](mailto:inquiries@icom.co.nz)  
URL: <http://www.icom.co.nz>

**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](mailto: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](mailto:sales@asia-icom.com)  
URL: <http://www.asia-icom.com>

Your local distributor/dealer:

**Icom Canada**

Glenwood Centre #150-6165 Highway 17,  
Delta, B.C., V4K 5B8, Canada  
Phone: +1 (604) 952-4266  
Fax: +1 (604) 952-0090  
E-mail: [info@icomcanada.com](mailto:info@icomcanada.com)  
URL: <http://www.icomcanada.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](mailto: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](mailto:icom@icom-france.com)  
URL: <http://www.icom-france.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](mailto:sales@icom.net.au)  
URL: <http://www.icom.net.au>

**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](mailto:icom@icomspain.com)  
URL: <http://www.icomspain.com>

**Icom Polska**

81-850 Sopot, ul. 3 Maja 54, Poland  
Phone: +48 (58) 550 7135  
Fax: +48 (58) 551 0484  
E-mail: [icompolska@icompolska.com.pl](mailto:icompolska@icompolska.com.pl)  
URL: <http://www.icompolska.com.pl>