



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 submersed 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; 4¹⁷/₃₂ in.

Icom Inc.

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
- Instant access to Ch. 16 and Ch. 9 (or call channel)

- 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) (projections not included)	:	52.5×125×30 mm; 2 1/16×4 29/32×1 3/16 in
• Weight (approx.)	:	280g; 9.9oz (with BP-245)

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

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

OPTIONS

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

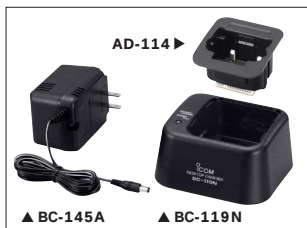
BATTERY PACK



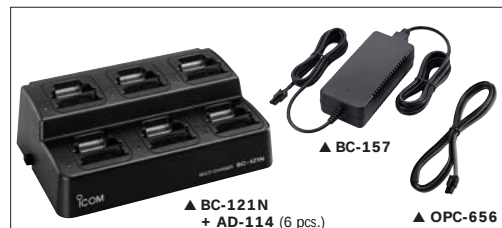
BP-245 BATTERY PACK
7.4V/2000mAh Li-Ion battery pack.
Provides 15–16 hours* operating time (approx.). Same as supplied.
*(Tx (Hi): Rx: standby=5:5:90).



BC-166 DESKTOP CHARGER
+ **BC-147A/BM-95V AC ADAPTER**
Regularly charges the battery pack, BP-245 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.

SPEAKER-MICROPHONE



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

BELT CLIP



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

CP-17L



OPC-515L



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)

Force5audio is a trademark of Icom Inc. (Japan) in the U.S.A.

Icom Inc.

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

URL: <http://www.icom.co.jp/world/index.html>

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
URL: <http://www.icomamerica.com>

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
URL: <http://www.icomcanada.com>

Icom (Australia) Pty. Ltd.

A.B.N. 88 006 092 575
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 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
URL: <http://www.icom.co.nz>

Icom (Europe) GmbH

Communication Equipment
Himmelgeister Str. 100,
D-40225 Düsseldorf, Germany
Phone: +49 (0211) 346047
Fax: +49 (0211) 333639
E-mail: info@icom-europe.com
URL: <http://www.icom-europe.com>

Icom Spain S.L.

Ctra. Rubi, No. 88 "Edificio Can Castanyer"
08190, Sant Cugat del Valles, Barcelona, Spain
Phone: +34 (93) 590 26 70
Fax: +34 (93) 589 04 46
E-mail: info@icomspain.com
URL: <http://www.icomspain.com>

Icom (UK) Ltd.

Unit 9, Sea St., Herne Bay,
Kent, CT6 8LD, U.K.
Phone: +44 (01227) 741741
Fax: +44 (01227) 741742
E-mail: info@icomuk.co.uk
URL: <http://www.icomuk.co.uk>

Icom France S.a

Zac de la Plaine, 1,
Rue Brindejone des Moulins BP 5804,
31505 Toulouse Cedex, 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 Polska

Sopot, 3 maja 54, Poland
Phone: +48 (58) 550 7135
Fax: +48 (58) 551 0484
E-mail: icompolska@icompolska.com.pl
URL: <http://www.icompolska.com.pl>

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>

Beijing Icom Ltd.

10C07, Long Silver Mansion, No.88, Yong Ding
Road, Haidian District, Beijing, 100039, China
Phone: +86 (010) 5889 5391/5392/5393
Fax: +86 (010) 5889 5395
E-mail: bjicom@bjicom.com
URL: <http://www.bjicom.com>



Icom Inc. (Japan), is an ISO 9001 and ISO 14001 certification acquired company.

Your local distributor/dealer: