

# IC-E208

*High Power Dual Bander  
with Wideband Receiver*



55<sup>VHF</sup>W

POWERFUL  
OUTPUT

50<sup>UHF</sup>W



### Powerful 55W/50W output power

Individual MOS-FET power amplifier modules supply the power for Icom's most powerful dual band mobile with 55W/50W (VHF/UHF). Stable power for long distance communications plus reduced power settings (15/5W) for local communications.

### Wideband receiver

See why Icom has a world renowned reputation for superb wideband receivers with the IC-E208. The IC-E208 wideband receiver covers 118–173, 230–549 and 810–999MHz as standard\*. Extend your mobile radio enjoyment by listening to a wide variety of broadcasts.

\* Depending on version.

### Detachable front panel

Limited installation space is no problem with the IC-E208. The separation cable, OPC-600R, is supplied with the radio allowing the compact remote control head\* to be installed almost anywhere.

\* 111 (W) × 40 (H) × 26.3 (D) mm

### 500 alphanumeric memory channels

With this much memory, you can fill your IC-E208 with your favourite frequencies and operation settings such as output power, tone, and more! Then name each memory channel with up to 6 characters for quick channel identification.

### Improved Dynamic Memory Scan (DMS) system

The improved DMS system allows you to scan all the selected banks you want to scan by simply adding/deleting bank links with Icom's exclusive Bank Link system. Yet another convenient feature to make the IC-E208 a more practical radio.

### User friendly design

The large multi-function tuning knob provides intuitive channel tuning or band hopping. The multicolour display lighting and backlit buttons adds a new 'fun' dimension to operating the IC-E208.

### HM-133, remote control microphone

The supplied HM-133 remote control microphone allows you to control almost every function of the IC-E208 from the mic.

### And more...

- Built-in CTCSS and DTCS tone squelch
- 1750Hz tone capability for repeater access
- 16 DTMF memories (24 digits per channel)
- 9600bps data connector (mini DIN 6-pin)
- RF attenuator linked to the squelch control
- Pocket beep and tone scan
- Selectable squelch delay
- FM narrow capability



## SPECIFICATIONS

### GENERAL

- Frequency coverage : (Unit: MHz)

Version	Guaranteed range	Rx working range
Europe	144-146, 430-440	118-173.995, 230-549.995, 810-999.990
Europe-1	144-146, 430-440	144-146, 430-440
Italy	144-146, 430-434, 435-438	118-173.995, 230-549.995, 810-999.990

- Mode : FM, FM-N, AM\*, AM-N\*  
\*RX only; not guaranteed
- No. of memory channels : 512 (Including 2 call and 10 scan edges)
- Antenna impedance : 50Ω (SO-239)
- Power supply requirement: 13.8V DC ±15%
- Usable temperature range: -10°C to +60°C
- Frequency stability : ±10ppm (-10°C to +60°C)
- Tuning step increments : 5, 10, 12.5, 15, 20, 25, 30, 50, 100 and 200kHz
- Current drain (at 13.8V DC):  
Receive Stand-by 0.8A  
Max. audio 1.0A  
Transmit High 12A/11.5A (VHF/UHF)
- Dimensions (W × H × D) : 141 × 40 × 185.4 mm (Projections are not included)
- Weight (approx.) : 1.2kg

### TRANSMITTER

- Output power VHF : 55W, 15W, 5W selectable  
UHF 50W, 15W, 5W selectable  
Middle and low powers are approximate values.
- Max. frequency deviation : ±5.0kHz (wide),  
±2.5kHz (narrow)
- Spurious emissions : Less than -60dB
- Microphone impedance : 600Ω (8-pin modular jack)

### RECEIVER

- Intermediate frequencies : 46.05MHz/450kHz (1st/2nd)
- Sensitivity (at 12dB SINAD) : Less than 0.18μV (144/430MHz band only)
- Squelch sensitivity : Less than 0.13μV (at threshold; 144/430MHz band only)
- Selectivity (Wide/Narrow) : More than 12/6kHz at -6dB  
Less than 30/20kHz at -60dB
- Spurious rejection ratio : More than 60dB
- Audio output (at 13.8V DC) : More than 2.0W at 10% distortion with an 8Ω load
- Ext. speaker connector : 3-conductor 3.5(d) mm /8Ω

All stated specifications are subject to change without notice or obligation.

### Applicable U.S. Military Specifications

The IC-E208 meets MIL-STD requirements and strict environmental standards as follows.

Standard	MIL 810 C		MIL 810 D		MIL 810 E		MIL 810 F	
	Method	Proc.	Method	Proc.	Method	Proc.	Method	Proc.
Low Pressure	500.1	I	500.2	I, II	500.3	I, II	500.4	I, II
High Temp.	501.1	I	501.2	I, II	501.3	I, II	501.4	I, II
Low Temp.	502.1	I	502.2	I, II	502.3	I, II	502.4-3	I, II
Temp. Shock	503.1	I	503.2	I	503.3	I	503.4	I
Solar Radiation	505.1	I	505.2	I	505.3	I	505.4	I
Humidity	507.1	I, II	507.2	II, III	507.3	II, III	507.4	-
Salt Fog	509.1	I	509.2	I	509.3	I	509.4	-
Dust	510.1	I	510.2	I	510.3	I	510.4	I
Vibration	514.2	VIII, X	514.3	I	514.4	I	514.5	I
Shock	516.2	I, II, V	516.3	I, IV	516.4	I, IV	516.5	I, IV

### Supplied accessories:

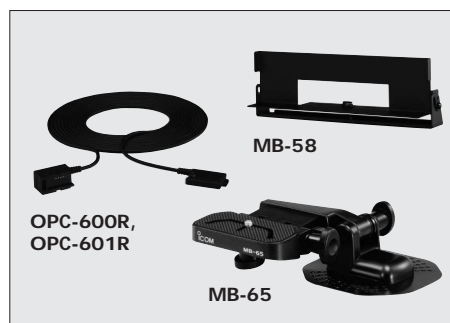
- Hand microphone, HM-133
- 3.5m separation cable, OPC-600R
- DC power cable, OPC-1132
- Mounting bracket
- Spare fuse



## OPTIONS

### SEPARATION ACCESSORIES

- **OPC-600R, OPC-601R SEPARATION CABLES**  
For operation with the front panel detached.  
OPC-600R: 3.5m; OPC-601R: 7.0m
- **MB-58 REMOTE CONTROL HEAD BRACKET**  
Mounts the remote control head in a convenient location for operation with the front panel detached.
- **MB-65 MOUNT BASE**  
Mounts the remote control head with the MB-58. Adjustable angle and direction for optimum positioning.
- **OPC-1132, OPC-347 DC POWER CABLES**  
OPC-1132: 3.0m; OPC-347: 7.0m



### MICROPHONE ACCESSORIES

- **HM-118N HAND MICROPHONE**  
Regular hand microphone.
- **HM-118TN DTMF MICROPHONE**  
DTMF microphone.
- **HM-133 REMOTE CONTROL MICROPHONE**  
Full remote control microphone with keypad backlighting.
- **OPC-440, OPC-647 MIC EXTENSION CABLES**  
OPC-440: 5.0m; OPC-647: 2.5m
- **OPC-589 MIC ADAPTER CABLE**  
Allows you to connect an 8-pin microphone.



### OTHER ACCESSORIES

- **CS-208 CLONING SOFTWARE**  
+ **OPC-478/OPC-478U CLONING CABLE**  
For quick and easy programming of memories, etc.  
OPC-478: RS-232C cable; OPC-478U: USB cable
- **OPC-474 CLONING CABLE**  
Transceiver to transceiver cloning cable.
- **MB-17A MOBILE MOUNTING BRACKET**
- **SP-10 EXTERNAL SPEAKER**
- **OPC-441 SPEAKER EXTENSION CABLE**  
5.0m extension cable.



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](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.

Unit 9, Sea St., Herne Bay,  
Kent, CT6 8LD, 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>

### 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  
Himmelsteiger Str. 100,  
D-40225 Düsseldorf, Germany  
Phone: +49 (0)211 346047  
Fax: +49 (0)211 333639  
E-mail: [info@icom-europe.com](mailto:info@icom-europe.com)  
URL: <http://www.icom-europe.com>

### Icom France S.a

Zac de la Plaine, 1,  
Rue Brindejonc des Moulinais 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](mailto:icom@icom-france.com)  
URL: <http://www.icom-france.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](mailto:bjicom@bjicom.com)  
URL: <http://www.bjicom.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](mailto:sales@icom.net.au)  
URL: <http://www.icom.net.au>

### Icom Spain S.L.

Ctra. de Gracia a Manresa Km. 14,750  
08190 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

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



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

Your local distributor/dealer: