

IC-E208

*High Power Dual Bander
with Wideband Receiver*



55^{VHF}W

POWERFUL
OUTPUT

50^{UHF}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 wide-band 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) x 40 (H) x 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 thresh-
old; 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% dis-
tortion 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

Icom makes rugged products that have been tested to and passed the following MIL-STD requirements and strict environmental standards.

Standard	MIL 810 C		MIL 810 D		MIL 810 E		MIL 810 F	
	Method	Proc.	Method	Proc.	Method	Proc.	Method	Proc.
Low Pressure	501.1	I	502.2	I, II	503.3	I, II	504.4	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	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-154** HAND MICROPHONE
Regular hand microphone.
- **HM-154T** DTMF MICROPHONE
DTMF microphone.
- **HM-133** REMOTE CONTROL MICROPHONE
Full remote control microphone with keypad backlighting.
- **OPC-440** MIC EXTENSION CABLE
5.0m extension cable.
- **OPC-589** MIC ADAPTER CABLE
Allows you to connect an 8-pin microphone.

OTHER ACCESSORIES

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



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