

# IC-E208

*High Power Dual Bander  
with Wideband Receiver*

55W<sup>VHF</sup> POWERFUL OUTPUT  
50W<sup>UHF</sup>



### 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,<br>430-440          | 118-173.995, 230-549.995,<br>810-999.990 |
| Europe-1 | 144-146,<br>430-440          | 144-146,<br>430-440                      |
| Italy    | 144-146,<br>430-434, 435-438 | 118-173.995, 230-549.995,<br>810-999.990 |

- Mode : FM, FM-N, AM\*, AM-N\* \*RX only; not guaranteed
- Number 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 output 1.0A  
Transmit High (VHF/UHF) 12A/11.5A
- Dimensions (Proj. not included) : 141(W) × 40(H) × 185.4(D) mm
- Weight (approx.) : 1.2kg

## TRANSMITTER

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

## RECEIVER

- Intermediate frequencies : 1st/2nd 46.05MHz/450kHz
- 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

## Supplied accessories:

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

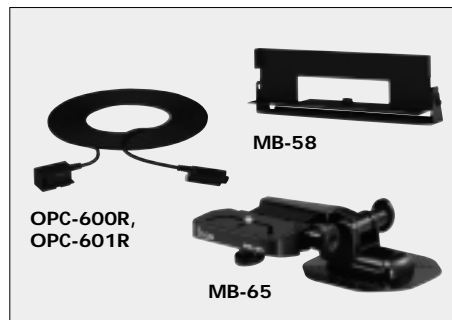
All stated specifications are subject to change without notice or obligation.



## 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.



Les spécifications et informations données dans ce document peuvent être modifiées sans préavis.

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CACHET REVENDEUR