

IC-M37E



AND MORE

- IP57 dust-protection and waterproof protection (1 m depth of water for 30 minutes)
- **Low Battery Alert function**
- Voice Loud and Mute function enables to temporary maximize/mute the volume
- AquaQuake[™] function prevents audio degradation from a water-logged speaker
- Dualwatch and Tri-Watch functions
- **I** Favorite Channel function
- I Instant access to channel 16 and the Call channel
- BP-296 user replaceable Li-ion battery pack supplied

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





Output power: 1 W.





*1 The IC-M37E floats when used with most common brand AAA batteries. Battery weight varies by manufacturer. Please check your IC-M37E for buoyancy in a shallow area when using AAA batteries.
*2 May differ or not supplied, depending on the transceiver version





ANTENNA

FA-SC59V Same as supplied



The "3D GENUINE Icom label" is attached to the rear chassis under the battery. (Remove the battery pack) Check the Icom website for details: http://www.icom.co.jp/world/genuine-info/

SPECIFICATIONS

GENERAL		
Frequency range TX	156.000–161.450 MHz	
HX HX	156.000–163.425 MHz	
Usable channel groups	INT, ATIS*, USA* * Available depending on version	
Type of emission	16K0G3E	
Current drain (at 3.7 V DC) TX (6.0 W/1.0 W output) RX (Max. audio. Int. SP/Ext. SP)	2.75 A/1.0 A 0.4 A/0.2 A	
Operating temperature range	-15°C to +55°C	
Antenna impedance	50 Ω	
Dimensions (W×H×D) (projections not included)	59.7 × 140.5 × 38.7 mm	
Weight (approximate)	293 g (with BP-296, antenna and belt clip)	
TRANSMITTER		
Output power (High/Low)	6 W/1 W	
Max. frequency deviation	±5 kHz	
Frequency stability	±1.5 kHz	
Spurious emissions	0.25 μW	
RECEIVER		
Sensitivity (at 20 dB SINAD)	–4 dBµ emf typical	
Squelch sensitivity (Threshold)	-5 dBµ emf typical	
Adjacent channel selectivity	70 dB	
Spurious response	70 dB	
Intermodulation	68 dB	
Hum and noise	40 dB	
Audio output power Internal SP (at 10% distortion) External SP	700 mW typical (8 Ω load) 200 mW (4 Ω load)	

Measurements made in accordance with EN301 178. All stated specifications are subject to change without notice or

Applicable U.S. Military Specifications & IP Rating

Standard	MIL-810 G	
	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 Standards	
Water	IP57 dust-protection and waterproof protection (1 m depth of water for 30 minutes)

Supplied accessories:

- BP-296 battery pack
 BC-217SE AC adapter
- BC-235 desktop charger
- FA-SC59V antenna
- MB-133 belt clip
- Hand strap

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