

Tehničke karakteristike IC-M37E

Općenito

		IC-M37E	IC-M37E AUS Version
Frequency range	TX	156.000–161.450 MHz	156.025–157.425 MHz
	RX	156.000–163.425 MHz	156.300–162.000 MHz
Usable channel groups		INT, ATIS*, USA* * Available depending on version	INT, USA, WX
Type of emission		16K0G3E	16K0G3E
Current drain (at 3.7 V DC)	TX	2.75 A/1.0 A (6.0 W/1.0 W output)	2.6 A/1.0 A (5.0 W/1.0 W output)
	RX	0.4 A/0.2 A (Max. audio. Int. SP/Ext. SP)	0.4 A/0.2 A (Max. audio. Int. SP/Ext. SP)
Operating temperature range		–15°C to +55°C	–10°C to +55°C
Antenna impedance		50 Ω	50 Ω
Dimensions (W×H×D) (Projections not included)		59.7 × 140.5 × 38.7 mm	59.7 × 140.5 × 38.7 mm
Weight (approximate)		293 g (with BP-296, antenna and belt clip)	293 g (with BP-296, antenna and belt clip)

Predaja

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Output power (High/Low)	6 W/1 W	5 W/1 W
Max. frequency deviation	±5.0 kHz	±5.0 kHz
Frequency stability	±1.5 kHz	±10 ppm
Spurious emissions	0.25 μW	0.25 μW typical

Prijem

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Sensitivity (at 20 dB SINAD)	–4 dBμ emf typical	–4 dBμ emf typical
Squelch sensitivity (Threshold)	–5 dBμ emf typical	–5 dBμ emf typical
Adjacent channel selectivity	70 dB typical	65 dB
Spurious response	70 dB typical	65 dB
Intermodulation	68 dB typical	65 dB

Hum and noise		40 dB	40 dB
Audio output power (at 10% distortion)	Internal SP	700 mW typical (8 Ω load)	700 mW typical (8 Ω load)
	External SP	200 mW typical (4 Ω load)	200 mW typical (4 Ω load)