

**TEHNIČKE KARAKTERISTIKE IC-M323G sa GPS-om**

<b>GENERAL</b>		
<b>Frequency range:</b>	<b>TX</b>	156.000–161.450MHz
	<b>RX</b>	156.000–163.425MHz
	<b>Channel 70</b>	156.525MHz
<b>Type of emission:</b>	16K0G3E (FM), 16K0G2B (DSC)	
<b>Usable channels:</b>	INT	
<b>Power supply requirement:</b>	13.8V DC nominal (10.8-15.6V DC)	
<b>Current drain:</b>	<b>Transmit (25W output)</b>	5,5 A max.
	<b>Receive (AF max.)</b>	1,5 A max.
<b>Operating temperature range:</b>	-20 ° C to +60 ° C	
<b>Intermediate frequency:</b>	21.7MHz, 450kHz (1 °, 2 °) Channel 70 30.875MHz, 450kHz (1 °, 2 °)	
<b>Antenna connector:</b>	SO-239 (50 Ohm)	
<b>Dimensions (L × H × P):</b>	180 × 82 × 119,9 mm	
<b>Weight (approx.):</b>	1200 g.	
<b>TRANSMITTER</b>		
<b>Output power:</b>	<b>High/low</b>	25W / 1.0W
<b>Max. frequency deviation:</b>	± 5 kHz	
<b>Frequency stability:</b>	Less than ± 1.5kHz	
<b>Spurious emissions:</b>	Less than 0.25µW	
<b>Adjacent channel power:</b>	More than 70dB	
<b>Audio harmonic distortion:</b>	Less than 10% (at 60% deviation)	
<b>Residual modulation:</b>	More than 40dB	
<b>Audio frequency response:</b>	+1dB to -3dB of 6dB octave from 300Hz to 3000Hz	
<b>RECEIVER</b>		
<b>Sensitivity:</b>	-5dBµ tip fem. (20dB SINAD)	
	<b>canale 70</b>	-4dBµ emf tip. (1% BER)
<b>Squelch sensitivity:</b>	Less than -2dBµ fem	
<b>Adjacent channel selectivity:</b>	More than 70dB	
	<b>canale 70</b>	More than 73dBµ emf (1% BER)
<b>Spurious response:</b>	More than 70dB	
	<b>canale 70</b>	More than 73dBµ emf (1% BER)
<b>Intermodulation:</b>	More than 68dB	
	<b>canale 70</b>	More than 68dBµ emf (1% BER)
<b>Hum and noise:</b>	More than 40dB	
<b>Audio output power:</b>	2W at 10% distortion with a 4 Ohm load	
<b>Audio frequency response:</b>	+1dB to -3dB of -6dB octave from 300Hz to 3000Hz	
<b>GPS</b>	<b>RX Frequency:</b>	1575,42 MHz
	<b>RX channels:</b>	66
	<b>Satellite:</b>	WAAS, EGNOS, MSAS, GAGAN