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**VM-3500E**   Fixed marine radio

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## VM-3500E Specifications

GENERAL	
Channels	
Number of Distress Log	30 channel
Number of DSC Log	40 channel
Input Voltage	13.8 VDC $\pm$ 20%
Current Drain	Standby 0.5 A Receive 1.5 A Transmit 5.0 A (Hi); 1.5 A (Lo)
Dimensions	90 H x230Wx 150 D (mm)
Flush-Mount Dimensions	72 H x205Wx 130 D (mm)
Weight	1.45 kg
TRANSMITTER	
Frequency Range	156.025 to 157.425 MHz
RF Output	25W (Hi); 1W (Lo)
Conducted Spurious Emissions	80 dB (Hi); 60 dB (Lo)
Audio Response	within +1/-3 of a 6dB/octave pre-emphasis characteristic at 300 to 3000 Hz
Audio Distortion	5%
Modulation	16K0G3E, for DSC 16K0G2B
Frequency Stability (-20C to +50C)	$\pm$ 0.0005%
FM Hum and Noise	50dB
RECEIVER	
Frequency Range	156.050 to 163.275 MHz
Sensitivity	
20 dB Quieting	0.35uV
20 dB SINAD	0.25uV
Squelch Sensitivity (Threshold)	0.13uV
Modulation Acceptance Bandwidth	$\pm$ 7.5 kHz
Selectivity	
Spurious and Image Rejection	better than -70 dB
Intermodulation and Rejection at 20 dB SINAD	better than -70 dB
Audio Output	4.5W
Audio Response	within 1/-3 of a 6 dB/octave de-emphasis characteristic at 300 to 3000 Hz
Frequency Stability (-20C to +50C)	$\pm$ 0.0005%
Channel Spacing	25 kHz
DSC Format	Class D
NMEA Input/Output	Output - DSC, DSE Input- GLL, GGA, RMC and GNS