

MX500YW

# 5 WATT VHF MARINE RADIO

**2** YEAR  
WARRANTY

FLOAT  
AND FLASH

IP67  
WATERPROOF

An essential part of your safety kit the MX500 is a high performance radio, built tough to withstand the harshest marine environments. It is waterproof to IP67+ if dropped overboard. It will not only float, but the radio will flash ensuring easy retrieval.



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## KEY FEATURES

- IP67 waterproof† (1 meter depth for 30 minutes)
- Float and flash
- Vibration water draining function
- Dual/tri-watch
- 5/1 watt switchable
- Large backlit display
- Programmable and priority scan
- Keypad lock
- Battery indicator
- Operating time up to 8hrs
- All international, US and Canadian Marine VHF channel frequencies
- 2 Year warranty excludes battery\*

## PACK CONTENTS

- VHF marine radio
- AC adaptor
- Rechargeable li-ion battery
- Belt clip
- Flexible antenna
- Wrist strap

## TECHNICAL SPECIFICATION – GENERAL

Frequency range:	TX: 156.000-161.450MHz RX: 156.000-163.425MHz
Type of emissions:	16K0G3E (FM)
Power supply voltage:	3.7V DC nominal
Battery pack:	1500mAh Li-ion (DC 3.7V) Operating time up to 8hrs. Duty cycle; 5% transmit, 5% receive & 90% standby
Frequency stability:	±10 PPM
Operating temperature range:	(-15 °C ~ +55 °C)
Antenna impedance:	50Ω
Dimensions (without antenna):	65mm (w) × 140mm (h) × 41mm (d)
Weight:	247g (With Belt Clip and Antenna)

## TRANSMITTER

Output power:	5W/1W switchable power
Max. frequency deviation:	±5.0kHz
Adjacent channel power:	≥70dB
Residual modulation:	≥40dB

## RECEIVER

Sensitivity:	≤0.22 μV
Squelch sensitivity:	≤0.22 μV
Adjacent channel selectivity:	≥70dB
Spurious response:	≥70dB
Intermodulation:	≥68dB
Audio output power:	≥0.6W (at 10% distortion)
Hum and noise:	≥40dB

†AC Adaptor is not waterproof