

# ALINGO

Quality. Style. Performance!

## Submersible VHF Marine Transceiver

# DJ-MX1



- Ready to sail, antenna, Li-Ion battery pack and rapid charger are all standard
- Operates up to 8 hours without recharging
- International, US and Canadian channels preprogrammed
- Submersible 1m for 30 minutes (IPX7)
- Floats in water even with supplied accessories and lets you know where it is with a flashing red LED light
- 5 Watts output, 1W switchable
- Highly legible display with automatic back light
- Weather channel alert, Channel & Priority Scanning, Dual / Tri -Watch, Call channel and more!

## Floats in water!



### Standard Accessories (available also as spares)

- EBP-104 Li-Ion battery pack (7.4V / 1200mAh)
- EDC-298 220 V AC adapter
- ECD-294 Rapid stand charger
- EA-257 Whip antenna
- EBC-54 Belt Clip



### Optional Accessories



EMS-71 IP67 Speaker Microphone



EME-32A<sup>\*</sup>  
Earphone  
Microphone



EME-36A<sup>\*</sup>  
Earphone  
Microphone

### Specifications

#### GENERAL

Frequency range	Tx : 156.025-157.425MHz Rx : 156.050-163.275MHz
Frequency stability	±10ppm
Emission type	FM (16K0G3E)
Antenna impedance	50 Ω
Rated voltage	7.2V (Battery)
Current Consumption	0.35A (Max audio output) 1.5A (TX / 5W) / 0.9A (TX / 1W) (Battery life up to 8 hours with TX5 / RX5 / Stand-by 90 cycles)
Operating temperature	-20~ +60°C
Ingress protection	IPX7
Dimensions (WxHxD)	63mm x 138mm x 43mm approx.
Weight (approx.)	288g with battery, antenna and clip

#### TRANSMITTER

RF Output Power	5W / 1W
Modulation Type	Variable Reactance
Spurious Emission	≥68dB
Frequency deviation	± 5KHz

#### RECEIVER

Circuit	Double-Conversion Superhetrodyne
Intermediate Frequencies	1st: 21.7 MHz 2nd: 450 kHz
Sensitivity	0.22μV (12 dB SINAD)
Adjacent Channel Selectivity	70 dB
Intermodulation response	68 dB
Audio Output	0.5W ( 8Ω10 %THD)

\* Specifications and contents on this brochure subject to change without notice or obligation.

<sup>\*</sup> The microphone/PTT units of EME-32A/36A are not watertight. Avoid using them in wet conditions.