

# ONWA<sup>®</sup>

MARINE ELECTRONICS



*Phenomenal Home Entertainment Experience Onboard*

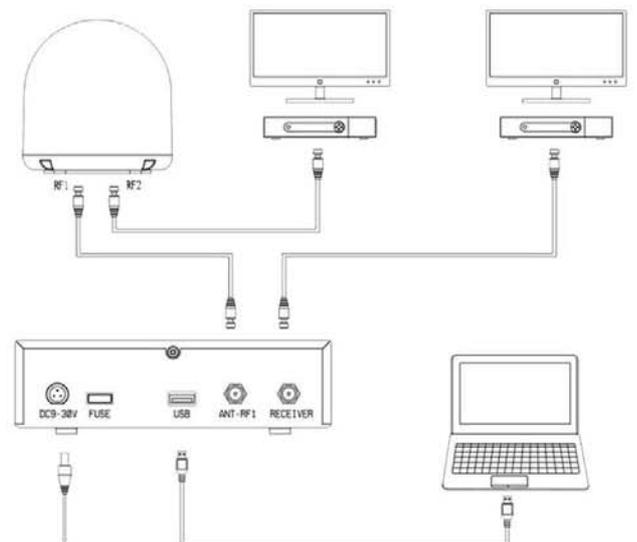
## **ONWA MARINE SATELLITE TV ANTENNAS**

High performance stabilization in rough sea condition

- Automatic Control System based on GPS/INS
- Built-in GPS enables faster satellite lock within a few seconds
- High performance stabilization ensures signal tracking at high speeds in rough seas
- Tri-axis Motorization Fully Automated Control System, include Automatic Skew Control
- DiSEqC 1.2 Function Available (Automatic Satellite Switching Using Receiver)
- One-button Change Target Satellite
- Silent Type Antenna Operation
- Water-resistant Flat Surface with Drain, Sealed Onboard Electronics
- Built-in DVB Signal Identification
- Built-in Global Satellite Library
- Real-time Monitoring of Antenna Status
- Upgradable Firmware

# SPECIFICATIONS

Model no.	M32	M45	M60
Dish Dimension	32cm	45cm	60cm
Antenna Dimension	405x430mm	520x550mm	690x700mm
Frequency	Ku-band	Ku-band	Ku-band
Minimum EIRP	51dBW	49dBW	47dBW
Satellite Coverage Regions	Worldwide	Worldwide	Worldwide
Skew Control	Manual/Automatic	Manual/Automatic	Manual/Automatic
GPS Interface	Yes	Yes	Yes
DVB-S2 Compatible	Yes	Yes	Yes
LNB Output	Dual	Dual/Quad	Dual/Quad
Polarization	Vertical/Horizontal	Vertical/Horizontal	Vertical/Horizontal
Tracking Rate	60°/sec.	60°/sec.	60°/sec.
Elevation Range	0°~+90°	0°~+90°	0°~+90°
Azimuth Range	0°~+680°	0°~+680°	0°~+680°
Skew Range	-90°~+90°	-90°~+90°	-90°~+90°
Operation Temperature	-20°~+60°	-20°~+60°	-20°~+60°
Storage Temperature	-25°~+80°	-25°~+80°	-25°~+80°
Operation Power	DC9~30V(Typ. 15W, Max 30W)		
Humidity Limit	95% R.H		
Water Ingress	IPX6		
Warranty	3 years parts		



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