

ONWA®

VHF DSC MARINE TRANSCEIVER MODEL KV-300

- *Equipped with all international channels with the United States, Canada channels*
- *High transmission power of 25W/Low transmission power of 1 W*
- *Principal commands duplicated on the microphone*
- *Back lit LCD display and adjustable contrast*
- *Possibility to program 20 private channels*
- *Extraordinary capability for water resistance, conforms to the standard IPX7*
- *Recall button for Channel 16*
- *NMEA connection from the transceiver an external GPS system*
- *DSC Digital Selective Calling*
- *MMSI directory*
- *Mounting on adjustable bracket*
- *Connection to an external speaker*



SPECIFICATION OF KV-300

Channels	All 57 international marine channels
Frequency generation	PLL synthesizer
Frequency range	TX from 156.025 to 157.425 MHz RX from 156.300 to 162.000 MHz
Antenna Impedance	50 Ohm
Power supply	12 Vdc
Operating temperature	from -15°C to +55°C
Size	72×177×146 mm
Weight (device only)	1.380 Kg

TRANSMITTER

Output power	High (HI): 25W/Low (LO):1W
Modulation Type	FM
Microphone	condenser type
Hum and noise attenuation	34dB
Audio distortion	< 5%
armonics reduction	< 36dBm

RECEIVER

Sensitivity @ 20 dB Sinad	<0.5 UV
S/N ratio (20dB)	0.8 UV
Squelch sensitivity	threshold -12dB UV (EMF)
Adjacent channel rejection	70dB
Audio output power	>2W 8 Ohm
Audio distortion	10%

REMARK:

1. specifically designed DSC unit According to the ITU-R standard, M493-11 Class D Requirement
2. TEST Standards ETSI: EN 301 025-1 V1.3.1 ETSI: EN 301 025-2 V1.3.1
ETSI EN 301 025-3V1.3.1