

# K5

## KU-BAND TVRO

The K-Series TVRO antennas bring high quality satellite television to your vessel. Compatible with DVB-S2 & DiSEqC 1.2 K-Series allows automatic switching between four satellites. The K-Series is a competitively priced antenna that is based on the same technology as the Z-Series, providing exceptional tracking ability, and is ideal for private and smaller vessels.



### ABOVE DECK

<b>Dish Diameter</b>	45cm(18")
<b>Antenna Dimension</b>	51cm(D) x 53cm(H)
<b>Antenna Weight</b>	11.5 Kg
<b>Radome Material</b>	Plastic
<b>Frequency</b>	10.75 ~ 12.75GHz
<b>Minimum EIRP</b>	48 dBW
<b>Operating Platform</b>	3 - Axis (Yaw, Level, Skew)
<b>LNB</b>	Quattro / Quad LNB(optional)
<b>Skew Control</b>	Automatic
<b>Elevation Angle</b>	+10° to +85°
<b>Azimuth Range</b>	690°
<b>Ship Motion</b>	Roll : ±20° at 8-12 sec periods Pitch : ±10° at 6-12 sec periods Yaw : ±8° at 15-20 sec periods
<b>Pointing Accuracy</b>	0.2° RMS, 0.4° Peak Pointing in specified ships motions.
<b>Ship's Heading</b>	With or Without NMEA Compass
<b>Turning Rate</b>	Up to 50°/sec
<b>DiSEqC</b>	DiSEqC 1.2, 22KHz tone, DirecTV
<b>Temperature</b>	-20°C to 55°C
<b>Humidity</b>	Up to 100% @ 40°C
<b>Antenna Input Power</b>	24V DC, 2.5A

# K \_SERIES

## SUPERTRACK

### STANDARD FEATURES

- **Attitude Heading Reference system(AHRS) using an IMU sensor** (3 axis gyro scope, 2 axis acceleration)
- **High performance stabilization in rough weathers**
- **Honest 3 axis system - Stabilized azimuth and elevation with a skew unit**  
Stabilized skew system guarantees perfect searching and tracking
- **Automatic skew control**
- **Antenna control unit displays heading value without gyro connection using AHRS derived from inverse kinematics technology**
- **Tracking 6 sec of unwrap time**
- **Compatible for DVB-S2**
- **Provides over 80 satellites parameters**
- **DiSEqC 1.2 function available**  
(automatic satellite switching using receiver up to 4 satellites)
- **DSP(Digital Signal Processor) control technology**
- **High gain reflector**
- **Built in GPS**
- **Gyro Free Operation**

### BELOW DECK

<b>ACU Size</b>	230 x 83.2 x 34mm
<b>Gyro Interface</b>	NMEA 0183
<b>Output Power</b>	24V DC, 2.5A
<b>External I/O</b>	Mini-USB

### PACKING

<b>Size</b>	59 x 59 x 70 cm
<b>Gross Weight</b>	24Kg
<b>Packed by</b>	Paper Carton

### WARRANTY INFORMATION

KNS offers 2-year parts, 1-year onboard labour warranty for the SuperTrack series

\* This Specification can be changed without notice.



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