

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

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

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

PACKING

Size	59 x 59 x 70 cm
Gross Weight	24Kg
Packed by	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.