

K5 KNS Ku-Band : TV SuperTrack K-Series

The K-Series antenna brings high quality satellite television to your vessel. The TVRO K-Series antennas are compatible with DVB-S2 and the DiSEqC 1.2 function 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.



► 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**
- Ready for gyro compass connection for faster and more stable satellite 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)
- Sleep mode activated by a long stay in a location and a signal loss(auto recovery)**
- DSP(Digital Signal Processor) control technology**
- High gain reflector**
- Built in GPS**

Meets FCC and CE requirement

ABOVE DECK

Dish Diameter	45cm (18")
Antenna Dimension⁽¹⁾	50cm(H) x 51cm(D)
Antenna Weight⁽²⁾	11.5kg
Radome Material	Plastic
Frequency	10.75 ~ 12.75GHz
Minimum EIRP	48dBW
Operating Platform	3 - Axis (Stabilized Azimuth, Elevation and Skew angle)
LNB	Quad / Quattro LNB(optional)
Skew Control	Automatic (±130°)
Elevation Angle	-10° ~ +85°
Azimuth Angle	690°
Cross Angle	±35°
Ship Motion	Roll: ±25° at 8 sec periods Pitch: ±15° at 6 sec periods Yaw: ±25° at 8 sec periods
Ship's Heading	With or Without NMEA Compass
Pointing Accuracy	0.2° RMS
Turning Rate	Up to 50°/sec
GPS	Built-In GPS
DiSEqC	DiSEqC 1.2
Temperature	-20° C to +55° C
Humidity	Up to 100% @ 40° C
Antenna Input Power	24V === , 2.5A

BELOW DECK

ACU Size	290 x 160 x 50mm
External I/O	Mini-USB
Gyro Interface	NMEA 0183
Output Power	24V === , 2.5A

PACKING

Size	59 x 59 x 70cm
Gross Weight	24kg
Packed by	Paper carton
Certification/Qualification	CE (EN60945)

WARRANTY INFORMATION

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

*Specifications subject to change without notice
(1), (2) Radome included