

SUPERTRACK

K5

Ku-BAND Maritime TVRO Antenna

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.



*Design is subject to change without notice



Lower Loss
Higher Durable
Radome



DVB-S2 Compatible

DiSEqC 1.2

DiSEqC 1.2 function



2 - Year Parts Warranty

THE MOST AFFORDABLE TVRO

The most customers who would like to enjoy Satellite TV are choosing SUPERTRACK K_Series TVRO Antenna System. The K_Series will provide stable connection to Satellite TV with affordable costs. With no doubt of antenna performance, in such a price, customers will enjoy stable connection with Satellite TV and feel like home on the sea.

FOR ENTERTAINING VOYAGE

When you are on the sea, you might feel departed from your homeland and would like enjoy as like when you were at home. Watching the latest news, weather, and/or your favorite sports games... No matter where you are, the SUPERTRACK K_Series keeps you up-to-date and in the front row at your favorite sports event.

The AHRS (Attitude Heading Reference System (AHRS)) and honest 3 Axis stabilization system can secure your stable connection to your TV satellites. Let the SUPERTRACK K_Series make you stay tuned for TV channels what you want.

PRODUCT KEY 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 askew 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 tech.**
- **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**
- **Certification/Qualification**



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SPECIFICATIONS

ABOVE DECK

| | |
|----------------------------|---|
| Dish Diameter | 45cm (18") |
| Antenna Dimension | 51cm(D) x 53cm(H) |
| Antenna Weight | 11.5 Kg |
| Frequency | 10.7 ~ 12.75 GHz |
| Minimum MIRP | 48 dBW |
| Operating Platform | Semi 3 - Axis (Yaw, Level, Skew) |
| LNB | Quattro / Quad LNB (Optional) |
| Skew Control | Automatic |
| Elevation Angle | +10° to +85° |
| Azimuth Range | 690° |
| Ship Motion | Roll: ± 25° at 8-12 sec periods Pitch: ± 15° 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 |

PACKING DIMENSION

| | |
|---------------------|-----------------|
| Size | 59 X 59 X 70 cm |
| Gross Weight | 24 kg |
| Packed by | Paper Carton |

WARRANTY INFORMATION

2-year parts warranty

*Specification is subject to change without notice

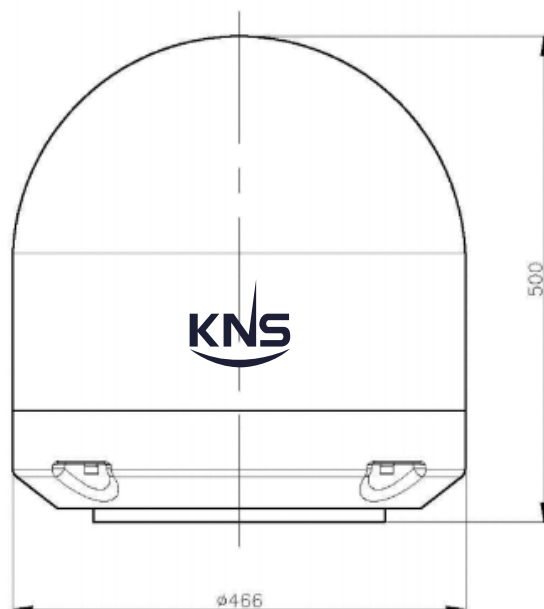
BELOW DECK

KA - 90K Antenna Control unit



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

RADOME DIMENSION



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