

EPAK®

Automatic Satellite Tracking Antennas



The products of the EPAK® Premium-Line are characterised through an up to now unknown tracking speed and accuracy for the reception of your favorite channels. The use of selected materials and exclusive design are the key for professional application. Due to the maximum tracking speed of 70 %/s television reception is possible even in the roughest sea conditions.

The design is suitable for every ship, even for smaller boats of less than 36 feet.

EPAK® Premium Line

TV46 / TV61 / TV90

| Antenna | TV46 | TV61 | TV90 |
|-----------------|------------------------------------|---------------------|---------|
| Reflector | 45 cm | 60 cm | 90 cm |
| Gain | 33 dB | 34,8 dB | 39 dB |
| Minimum EIRP | 50 dBW | 48 dBW | 46 dBW |
| LNB | Universal linear/circular | | |
| Radome Diameter | 510 mm | 735 mm | 1114 mm |
| Radome Height | 530 mm | 810 mm | 1140 mm |
| Weight | 12 kg | 35 kg | 56 kg |
| Azimuth | unlimited | | |
| Elevation | 5° – 85° | 0° – 90° | |
| Drive System | 2 axes direct drive with gears | 3 axes servo system | |
| Tracking Sensor | Electronic Beam Forming (EBF-Gyro) | | |
| Tracking Speed | > 70 °/s | > 40 °/s | |
| Lock On Time | typ. 30 sec. | | |
| Power Supply | 12 – 36 V DC | | |

| Control Unit | |
|----------------------|--|
| Power Supply | 12 – 20 V DC, 100 mA, powered by receiver |
| Satellite Aquisition | fully automatically by SatFingerprint Technology |
| Satellite Positions | up to 4 freely programmable positions |
| Satellite Selection | by control unit or by receiver (via DiSEqC™) |

| System | |
|-----------------------|---------------|
| Operation Temperature | -20 to +70 °C |
| Storage Temperature | -30 to +85 °C |

Because of the different footprints of several satellites in your area a choice of the reflector size between 45 cm, 60 cm and 90 cm is necessary.



Please note that the reception of programs in different regions depends on the footprint (coverage area) of the satellites. Take into consideration that rain, snow, dense clouds and violent motion in areas of weak signal strength can affect TV reception. Satellite footprints are subject to changes without notice. Subject to change without notice!

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