

# 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.

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 find out further information at your dealer or at our website [www.epak.de](http://www.epak.de)!



*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!*

EPAK GmbH  
Spinnereistr. 7  
04179 Leipzig, Germany

Tel: +49 (0) 341 2 12 02 60  
Fax: +49 (0) 341 2 12 02 66

info@epak.de  
www.epak.de