

Outdoor Antenna Satellite Controller

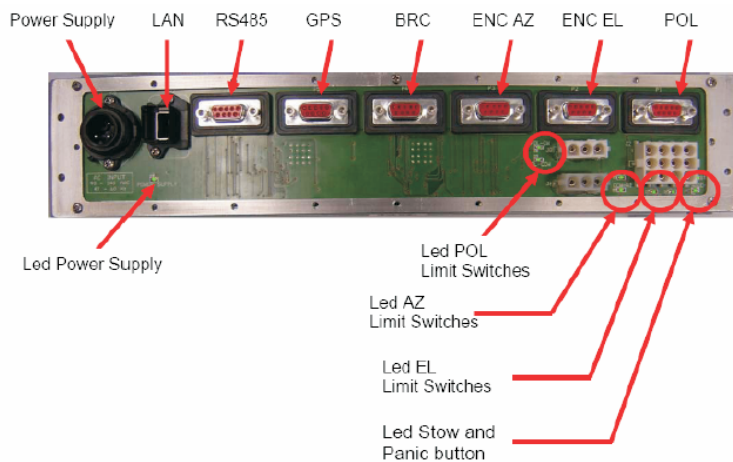
For Earth stations

Antenna Control Unit

Model Type: **ASC0006B**

The Antenna Satellite Controller, ASC0006B type, has been designed to command the movement of antennas on three axes. Ease of use and high level of automation, mean the system can be used by both expert and non-expert operators. The device has been designed for use on the earth station system.

The control panel consists of the Web Windows Interface and allows direct command of antenna movement along 3 axes, with the 16bit or 13bit Optical Encoder (depending on the antenna system).



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Antenna control unit
ASC0006B

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Model Type: **ASC0006B**

Mechanical Specification	
Primari power requirements:	230V AC +/-10%, 50Hz to 60Hz, 150VA max
Mechanical construction:	360x160x90mm IP66
Weight	1 Kg
Temperature	0° C to 50°C operating, -40°C to 85°C storage
Relative humidity	0 to 100% operating, 0 to 100% storage
MTBF	150000h
Technical Specification	
Functional	
The liquid crystal display indicates:	
The azimuth angle	0°/359.99°
The elevation angle	-9.9°/99.9°
The polarization angle	0°/90° H/V
The satellite beacon signal received	0.0/9.9V (can be set to other values)
The no-beacon signal	Alarm (A)
Selection from the control panel are:	
1. Standby	
2. Manual	
3. Preset	
4. Tracking	
5. Beacon calibration	
6. Host CFG	
Interface	
Control interface	Through LAN interface type 100base T/T568A RJ-45 femal connector for web Windows interface
Motors command	Through 3 poles Molex female connector For both azimuth and elevation axes
Beacon signal	Through DB9-F connector
Polarisation interface	Through DB9-F connector (for motor, potentiometer and limits switches)
Optical elevation encoder	Through DB9-F connector



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Optical azimuth encoder	Through DB9-F connector From axis switches limit and from panic Button – through 12 poles Molex femal Connector
Dry contacts	Connector
Remote interface (optional)	RS-485 through DB9-F connector
GPS interface (optional)	Through DB9-F connector

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