

VERSION: 1.0

Product Code: MISC-A0288

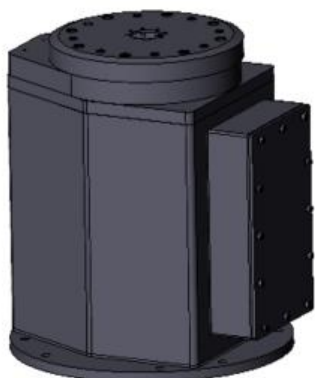


Figure 1: Rotator.



Figure 2: Example use

SPECIFICATIONS:

Controller:	
Interface	RS485
Control protocol	ASCII commands
Electrical:	
Supply Voltage	18-28 V DC
Maximum current	30 A at 24 V
Mechanical:	
Rotation	Limited to $\pm 270^\circ$
Cable management	Cables manually turn with system rotator. Cables not supplied with system
Maximum static overturning moment	7000 N.m.
Maximum turning moment	4000 N.m.
Rotation speed	30° per second
Dimensions	Height: 500 mm Diameter: 500mm
Environmental: designed to meet the following specifications	
Temperature (Storage)	-40°C and +85°C.
Temperature (Operational)	-40°C and +71°C

PRODUCT DESCRIPTION:

Mast azimuth rotator is a single axis positioner designed for use with medium to very large antennas and antenna arrays used in naval application.

The rotator has a controller which can be connected to using RS-485 serial interface.

PRODUCT FEATURES:

- Rotator with controller
- RS485 interface
- High load capability
- Naval

APPLICATIONS:

- Azimuth positioning of large antennas
- Mast rotator applications