



RC2000 Embedded

**Commercial Satellite
Antenna Controller for
Dual Axis Antennas**



FEATURES

- **Familiar Operation**
Uses the same user interface as the standard rack mount RC2000 ACU via keypad & LCD
- **Remote Control Options**
Standard remote control via standard RS-422. Optional Ethernet or fiber control via RCI Graphical User Interface.
- **Convenient installation**
Optional "quick disconnect" allows all antenna & user connections to be routed to weather-proof connectors on the enclosure bottom panel
- **24V Rotating Feed Drive**
Optional drive for a 24V polarization feed drive with potentiometer feedback.
- **Weatherproof Enclosure**
Utilizes a NEMA 4 rated outdoor enclosure
- **Inclined Orbit Tracking**
Optionally includes a beacon tracking receiver to allow for an all-in-one tracking controller
- **Safe Operation**
Emergency STOP switch cuts all power to the ACU for emergencies or maintenance
- **Retrofit Oriented**
Easily replaces other antenna controllers for retrofit applications

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OPERATIONAL OVERVIEW

The RC2000 is designed to provide years of reliable operation through the use of a heavy duty solid-state drive network coupled with a novel microcontroller-based fault monitoring system. The 10 amp drive output capability is unparalleled in the market and the Adapti-Drive™ digital servo speed control optimizes antenna movement for today's demanding Ku-band applications. Additional features like integrated graphical user interface for PC control and a very user-friendly menu scheme make the RC2000 a unique and highly adaptable piece of equipment.

GRAPHICAL USER INTERFACE



SPECIFICATIONS

Power:	115/230 VAC, 48W
Size:	16" W x 20" H x 8" D
Weight:	55 lbs.
Temperature:	-30 to +60° C
Drive Output:	12 – 36 VDC, 10 Amps

Sensor Input:	Reed, Hall Effect, Optical
Polarization:	Standard Polarotor™ interface
PC Interface:	RS-422, 4 wire Ethernet optional
Fiber Interface: (Optional)	100M SC/UPC Port