



# RC2000 Embedded

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



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## FEATURES

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- **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

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

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