

# RC2500 AIU-3

## Commercial Satellite Antenna Controller for Dual Axis Antennas



Enjoy the High resolution and accuracy of resolvers as position sensors on antennas equipped with Single-Speed, 3-phase AC Motors. Allows the use of the RC2500 with virtually any antenna system.

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### FEATURES

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- **Local Jog Control**  
Allows antenna positioning directly at the antenna for maintenance.
- **Limit Status at Pad**  
LED indicators show when a limit is reached.
- **AZ/EL Drive Status at Pad**  
LED indicators on jog panel reveal drive status.
- **Fast Acting Emergency Stop**  
Clearly labeled, externally mounted Emergency Stop Switch has press to STOP, twist to reset operation.
- **NEMA-4 Enclosure (36" h x 30" w x 10" d)**  
May be wall-mounted or mounted directly to the Antenna Pad using the Floor Mount Kit.
- **Variable Speed for AZ/EL Motors**  
1/2HP to 5HP Variable Frequency Drives, customized for each antenna.
- **Solid-State Drive Circuitry**  
Configurable motor dynamics, Continuous Over-Current Monitor
- **Customized Polarization Drive**  
Single Speed Polarization Control. DC, Single-phase or Three-phase motor control.
- **Optionally Supports Electromechanical Brakes for AZ and EL axes**
- **Flexible**  
May be configured for a wide variety of Antenna Systems.

#### Specifications

Size: 36"H x 30"W x 10"D (without floor mount kit)

Weight: 100 lbs typical

Operating Temperature: -20°C to +40°C

Input Power: 208VAC 3-phase, 50/60 Hz, 20-amp service  
typical (may vary based on user requirements)