

wx1800

1.8 M Antenna System

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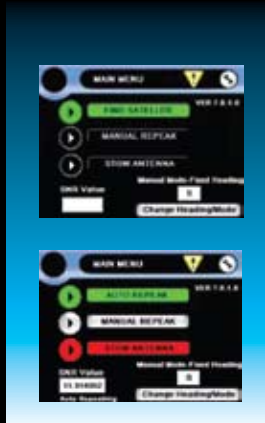
1.8 M Antenna System

The Winegard WX Series Antennas are available in .96M, 1.2M, and 1.8M configurations that feature extremely heavy duty options and scalability for the energy and enterprise markets. The WX Series Antennas use the strongest, most rugged actuators in the industry, allowing for maximum reliability in extreme environments. All Winegard WX Series Systems are exclusively single-wire hookup for control of the antenna.

The Winegard Two-Way Controller is a fully-integrated, simple-to-use antenna controller. No External PC is required to operate the system; it is a Single-Button Operation. The Controller is rack-mountable, and the builtin DVB receiver and GPS makes the Winegard Two-Way Controller work on most platforms available in the industry including HughesNet, iDirect, SpaceNet, Comtech, and Nera.

BENEFITS

- » Heavy Duty Construction to Withstand Extreme Environments
- » Perfect for Energy and Enterprise Markets
- » Two-Way Communication Capability for Data, Video, and Voice
- » Simple, Single-Button Operation Requiring No External PC
- » Quick Deployment
- » Auto-Acquire Satellite
- » Rack-Mountable Controller
- » Built-in DVB Receiver and GPS



Screen Shots of Controller



WX1800 Deployed Maximum Height:

TECHNICAL SPECIFICATIONS

General Information

Max Deployed Height 97.5"
 Stowed Dimensions 24.00" H x 108.00" L x 73.00" W
 Mount Rail Width 13"
 Reflector Type 1.8 M ASC
 BUC Supported NGRC 3W or NGRC 4W
 Polarization Cross-Pol
 Weight 275 lbs. approximate

Mount Rotation

Azimuth 375 degrees
 Elevation90 degrees to horizon
 Skew (Polarization) +/- 90 degrees

Environmental Survival

Wind Deployed 75 mph
 Wind Stowed 150 mph
 Temperature -58°F to 176°F (-50C to +80C)
 Snow Load 8" deep snow load (@ 8lbs/cu.ft.)

Operational

Wind 35mph
 Temperature -40°F to 122°F (-40C to +50C)

Deployment Sensors

Global Positioning Satellite (GPS) Yes
 Compass +/- 10 Degrees
 Tilt Sensors +/- .5 degrees

Connections and Cabling

Transmit (TX) RG6
 Receive (RX) RG6
 Electrical Data Interface RG6 Max 100' (38.5m)

Power Requirements

AC Input 100-250V 3A Max 47-63Hz
 DC Output 48V 2.5A Max

Acquisition Speeds

Deploying Elevation 4.6 degrees per second
 Stowing Elevation 5 degrees per second
 Deploying Azimuth 7.5 degrees per second



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