

AccuPoint Antenna Positioners – Mast Top



AccuPoint positioners are designed to deliver maximum performance for top-of-the-mast antenna positioning. The AP-100 is a 100 pound (45 kilograms) payload capacity positioner. Design highlights feature optimized gear and motor ratios for enhanced performance and easily accessible, adjustable-limit cams for easy service. The AP-100 features an easy to replace breakaway base with lanyard for added safety.

- AC and DC Operation
- 7300 + cycle life
- 100lb payloads
- ½ hour full load duty cycle
- Pan speed .25 deg - 8 per second
- 450+ angular pan rotation
- 35 (ft-lbs) pan torque
- Tilt speed .1 deg - 3 per second
- 180 degrees tilt angular rotation
- 100 (ft-lbs) tilt torque
- 4 red LED's for safety
- Breakaway base with lanyard

Positioners

Control voltage	24Vdc
W/o position sensor: Will-Burt/RF COM PN	753200000/42975
With position sensor: Will-Burt/RF COM PN	753220000/42976



Optional: Infrared Remote Control, with commands for the positioner and mast elevation

System	4208801/42999
Spare remote control	4208901/43000



Accupoint Controller

Controllers

Model	Base	Base Plus	Enhanced	Premium
Voltages	Power: 90 - 125 Vac / Command: 24Vdc			
Commands	lon/off, high/low speed, 4 directional buttons			
Operating temperature	0-49°C			
Installation	Rack, 1RU			
Wired remote control	•	•	•	•
Stow/Unstow commands		•	•	•
Optional Infrared remote control with positioner and mast commands		•	•	•
RS232 interface, control via Windows program			•	•
LCD with relative azimuth/elevation, configuration name, target azimuth, set action, running action			•	•
10 configuration memory with name and relative azimuth/elevation			•	-
GPS-based automatic antenna positioning				•
GPS-based time information on LCD				•
Positioning fine adjustment to compensate for mast tilt				•
GPS position information				•
Link distance information, or distance to any lat/lon				•
40 targets memory with name and GPS coordinates				•
Part #	42977	42978	42979	42980

Note: Base Plus, Enhanced and Premium controllers functionality require positioners with position sensor.