

ARES 1.80m S Band NE7612-G



This station is designed for signals Receive in S frequency band.

A friendly Man Machine Interface installed on a PC allows its remote monitoring & control via Ethernet link.

Specifications

TM Antenna	
Source	Single channel monopulse
Frequency	2200-2400 MHz
Gain	29.5 dBi typ. @ 2300 MHz
Polarization	RHCP and LHCP
3 dB Beamwidth	~5.1° @ 2300 MHz
Axial ratio	< 3 dB
Side lobes	< 17 dB
Mechanical specifications	
Elevation range	-5° to +90°
Azimuth range	Unlimited (Continuous rotary joint)
Rotation speed max	≥ 20°/s
Pointing accuracy	± 0.08° (in manual mode)
Total weight	~200 kg
Color	White RAL9003

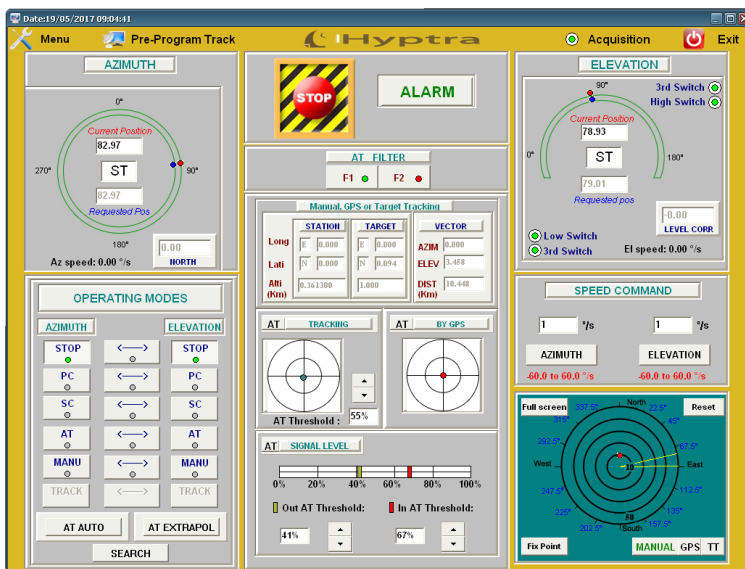
Environnemental specification	
Storage temperature	-30°C to +70°C
Operating temperature	-10°C to +55°C
Rain	Up to 50 mm/hour
Relative humidity	0 to 100% (outdoor)
Wind resistance	72 km/h
Electrical specification	
Pedestal peak consumption	1.6 kVA, 210-240 VAC, 50Hz

Options

- Other frequency bands on demand
- Up to 16 bits digital encoder (0.005° pointing accuracy)
- Rotation speed on demand
- Inertial measurement unit (North and level)
- Tracking receiver
- Embedded GPS

Antenna control unit (ACU)

The dedicated software, through the color display, provides a user friendly interface (see below non contractual example of ACU screen)
 The software can easily be customized for user's needs.



Operating modes

STOP, PC, SC, Manual, GPS, AT, fixed points, Survival, GPS assisted AT

[Link to website](#)

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