

PSTRotator Settings

Main Screen

Communication

Select the following RS232/TCP Server, EL AZ/EL Com Port 18, No other settings required.

Setup

EZ / AZ+ELController to K3NG (GS232)

Location PF95HC29LI Elevation 30m

Antenna Limits Azimuth 0 to 359.9

Rotor Refresh Rate 0.5 sec

Tracker Refresh Rate 10 sec

Parking Setup 0 0

Satellites Tracking Setup Below Horizon park, position change 1 degree, Rise/Set Threshold -4 degrees

Start Other Windows Satellites Map

180 degree elevation

Voice announcements

Satellites Tracking

Tracker

Satellites

Notes

1/Setting the Parking to 0 and 0 degrees makes the antenna park after satellite have passed. It will park after the elevation has gone below -4degrees as set in Rise/Set Threshold menu

2/Set the Satellites Tracking Setup to Park, and the rise/set threshold to -4 degrees. This allows the antenna time to get into position before the satellite rises.

3/ Rotor refresh rate is the green marker and the time to update it on the display. It is not the timing of driving the rotator motor.

4/Tracker refresh rate is the delay before it drives the motor again. A higher time like 10 seconds may help to better drive it to its position compared to 0.5 seconds.

Satellites Tracking screen

SetuP

Rotator Stop South Stop

Use Knob in Up+Dn Allows you to tune the radio VFO to tune station in while Doppler is tuning.

Set df 25Hz

Satellite Refresh Details 500 ms

Doppler Refresh 1 sec

Next Pass Refresh 30 sec

Omnirig Settings

IC-9700PST (Special modified HamLib file for IC-9700)

COM 4

115200

Select R1-T1 Use OmniRig