

Q:

I'm working with the St1 Fox Delta to use with G-5500 Elevation - Azimuth Dual Controller. I was wondering if there is any information you could give me to what commands I need to send to the ST1 to connect with the G-5500. I know there are programs that have been created like NOVA and SATPC32; however, I'm testing to use with beta program. If there is any information you can give me it would be greatly appreciated.

A:

The connection between the interface and the rotor control box is the hard wire between the direction relays and the voltage feedback from the position resistors inside the rotors. The interface uses the EASYCOM1 protocol for the AZ/EL commands. A Google search should give you some background information on EASYCOM1. The NOVA and SatPC32 programs calculate the satellite position and the sends the AZ and EL degrees to the interface via EASYCOM1 protocol.