

RC1500B Antenna Controller

RCI P/N CBL-2_16-3_22A

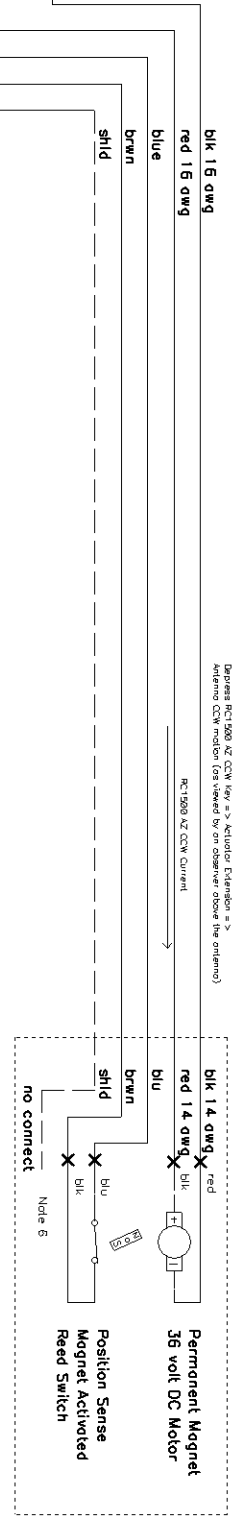
RC1500B interfaces to antenna via connectors J1, J2.

Black Sub-Jacket Note 4

RCI P/N CBL-2_16-3_22A consisting of a pair of 18 AWG PVC insulated cable for motor voltage and Triple Shielded 22 AWG PVC insulated for pulse sensor.

Depress RCI 500 & CCW key => Actuator Extension => Antenna CCW motor (as viewed for observer above the antenna)

RC1500B & CCW current



Azimuth Actuator
 24 Inch Thomson PPA
 Performance Pak Actuator
 Thomson P/N 7822260,
 Patriot P/N TS-24BRC

AZ - EL Motors

- RCI p/n OH-1778027
- AZ2, J2:6
- Chassis GND, J2:5
- AZ1, J2:4
- EL2, J2:3
- Chassis GND, J2:2
- EL1, J2:1

AZ - EL Position Sense

- J1
- RCI p/n GN-1778072
- Sensor AZ+, J1:7
- Sensor AZ-, J1:6
- Sensor EL+, J1:5
- Sensor EL-, J1:4
- AGC1 - J1:1
- AGC2 - J1:2
- RTN J1:3



IDirect Modem

Revision History
 Preliminary A - Derived from Patriot 3.8 Baking drawing, Jan 25, 2007
 Revision B - Modify drawing based on examination of an actual antenna installation. Modify ... Pol motor/sense conductor colors, cable head shrink specification, pol motor/potentiometer connections. Add ... az/el actuator D/P.
 Revision C - Modified drawing for support of RC1500B with 1.8M Patriot Antenna. JG

Title		Patriot 1.8 Navigator RC1500B Interconnects	
Size	Number	Rev	
C		B	
Date	15 Feb 2007	Drawn by	Mikinski
Filename	Patriot 1.8 System Connectors\Directsch	of	1