

Application Note
Wiring Diagram for ST-7-RC and Tracking Cable

Figure 1 and Table 1 below show the pin orientation and wiring for the ST-7-RC. The ST-7-RC is an adapter that plugs into the ST-7/8/... Camera's Tracking (AO/CFW/SCOPE) connector and provides a receptacle for the tracking cable that interfaces to the Telescope Autoguider Port.

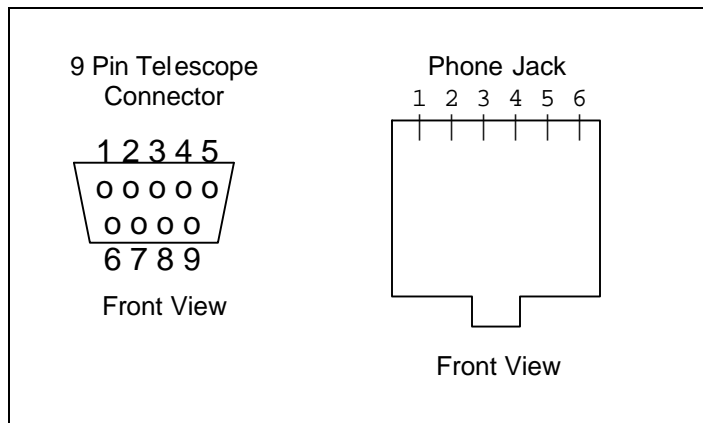


Figure 1 – ST-7-RC Pinouts

Function	ST-7's 9 Pin Connector	Phone Jack Receptacle
Common	5	5
-X Relay	6	4
-Y Relay	7	3
+Y Relay	4	2
+X Relay	3	1

Table 1 – ST-7-RC

In addition, the standard tracking cable is a 6 pin phone-type cable with RJ-11 connectors on each end. The proper orientation of the RJ-11 connectors is such that if you lay the cable out straight and flat on a table the two retaining clips (tines) are on the same side of the cable as illustrated in Figure 2 below.

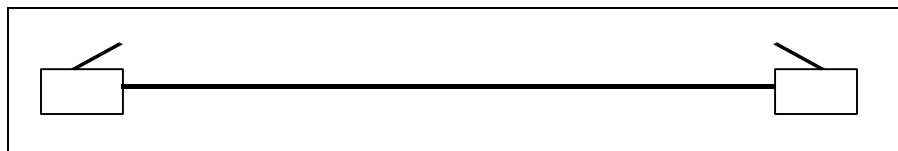


Figure 2 – Tracking Cable