

1 INTRODUCTION

This technical note sets out the wiring diagrams of the various connection cables to the EQ6 SkyScan Equatorial Mount. It should be noted that the cable colours are those pertaining to my own system and yours may be different, however, the interconnection of the various plug and sockets should be the same.

I use a 15 way plug/socket set for my homebuilt autoguider but you may have a different connection system, however, the action of the pin connections is shown on the accompanying diagram.

2 HAND CONTROLLER

The hand controller has three ports:-

1. an RJ45 port for connection to the Mount
2. an RJ11 port for connection to a PC (RS232)
3. a 5.5mm DC power Socket for offline testing

3 MOUNT CONTROLLER

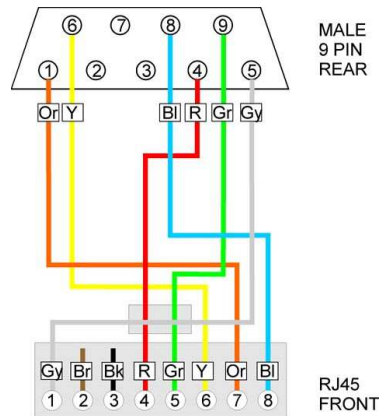
The mount controller has 3 ports:-

1. a female DB9 port for connection to the Hand Controller
2. an RJ12 port for connection of an ST4 compatible Autoguider
3. a 5.5mm DC Socket for operating power

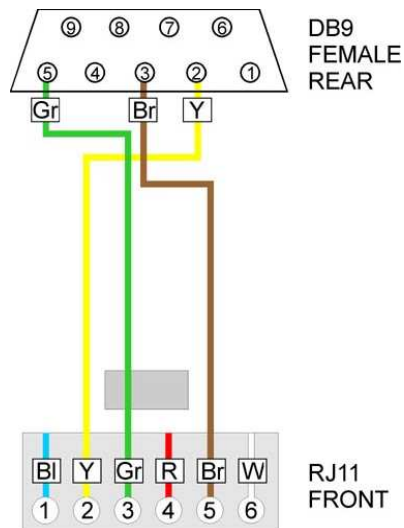
4 SUMMARY OF CONNECTIONS

1. 12v DC Power to the system goes to the Controller Panel on the mount
2. Main Control of the mount is by connection of the Hand Controller to the Controller Panel on the mount
3. Autoguiding commands are achieved by connection of an ST4 Autoguider to the Controller Panel on the mount
4. PC control is achieved by connection of the PC to the Hand Controller

5 HAND CONTROLLER TO MOUNT



6 PC TO HAND CONTROLLER (RS232)



7 AUTOGUIDER TO MOUNT (ST4 COMPATIBLE)

