PINOUT DIAGRAM

TV Command and Control Interface:

Female RJ45

1. IR IN with carrier
2. RS-232 TXD (From TV)
3. RS-232 RXD (To TV)
4. IR IN no carrier
5. GND
6. IR OUT no carrier
7. IR OUT with carrier
8. +5VDC @ 100mA output from TV

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IMPORTANT

This connector is not an Ethernet connection. Do not connect this port to an Ethernet connection; damage can occur to the TV and the Ethernet port.

RJ45 Jack Plug

Pin 1   Pin 8

RJ45 Jack Face

Pin 8   Pin 1

Cable End View

1 2 3 4 5 6 7 8

+5VDC @ 100mA output from TV
IR OUT with carrier
IR OUT no carrier
GND
IR IN no carrier
RS-232 RXD (To TV)
RS-232 TXD (From TV)
IR IN with carrier