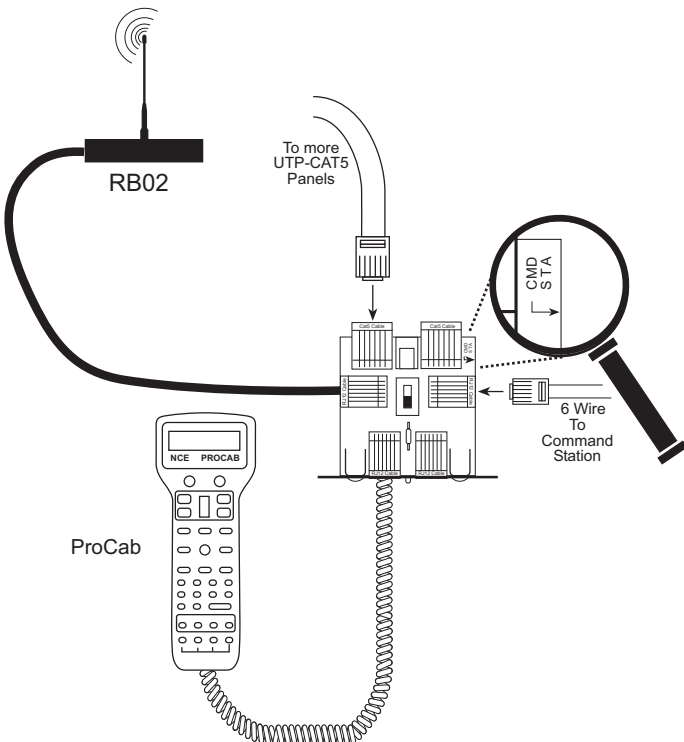
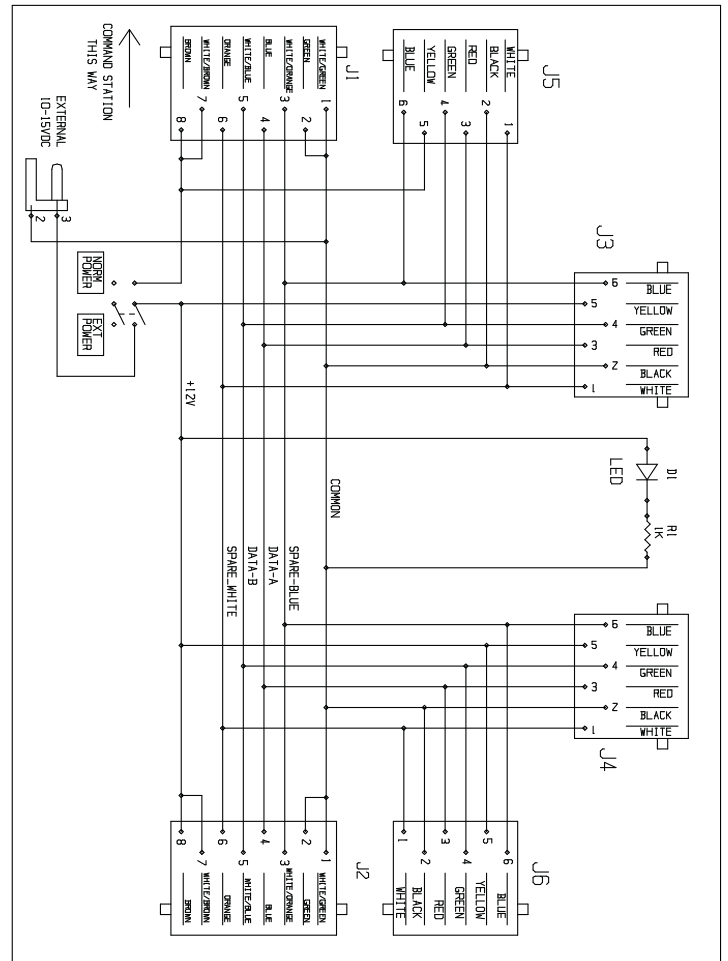


05240234

- Uses Easily Available Cat5 Cables
- Lower Voltage Drop
- LED Cab Bus Power Indicator
- Can be Used as Cab Bus Splitter
- Improved noise immunity over standard UTP

UTP-CAT5



UTP-Cat5 Panel Hook Up

The cable that connects the command station to the first UTP-CAT5 panel should be wired to the side of the UTP-CAT5 that says CMD STA. See note below.

Standard Cat5 cable is used to “Daisy Chain” from one UTP-CAT5 panel to another. Do not use “Crossover” cables. Cat5, Cat5E, Cat6 cables will provide a robust “Backbone” for your Cab Bus.

Cabs, Radio Base Station or other Cab Bus devices can be plugged in to any of the front or side 6 wire connectors.

See reverse page for several hook up procedures and designs.

The red LED provided lights when there is Cab Bus power.

Additional power for the Cab Bus can be added to the socket in between the Cat5 sockets. We suggest a 1/2 to 2 Amp, 12 to 14Volt, Regulated DC power supply such as the NCE P114. (5.5/2.5mm plug center +)

The switch on each UTP-Cat5 should always be in the “NORM POWER” position. Only switch it to “EXT POWER” on panels that have an additional power supply connected.

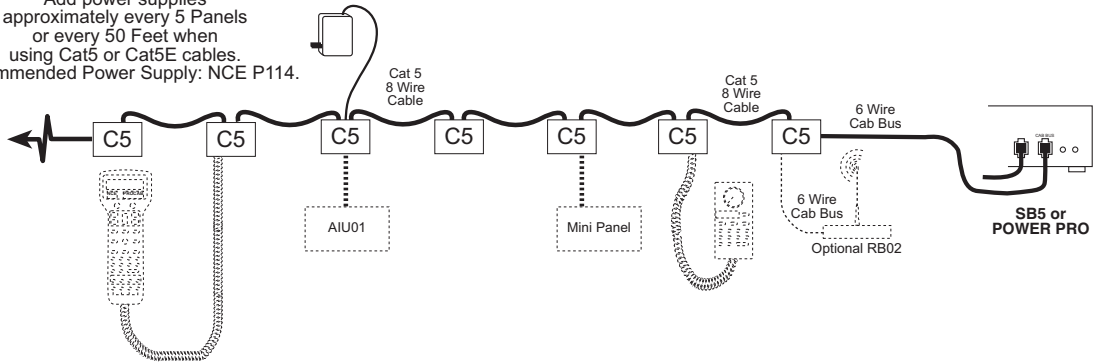
Please Note: The UTP-Cat5 printed circuit board is marked on the upper, right corner that says “CMD STA” with an arrow. This indicates that the cable from the Command Station (Cat5 or six wire) should plug in here.

UTP = UTP Panel

C5 = UTP-Cat 5 Panel

"Standard" Installations + Adding Power to the Cab Bus

Add power supplies
approximately every 5 Panels
or every 50 Feet when
using Cat5 or Cat5E cables.
Recommended Power Supply: NCE P114.



Add On to Existing Cab Bus system (Mix of UTP and UTP-CAT5 Panels)

