



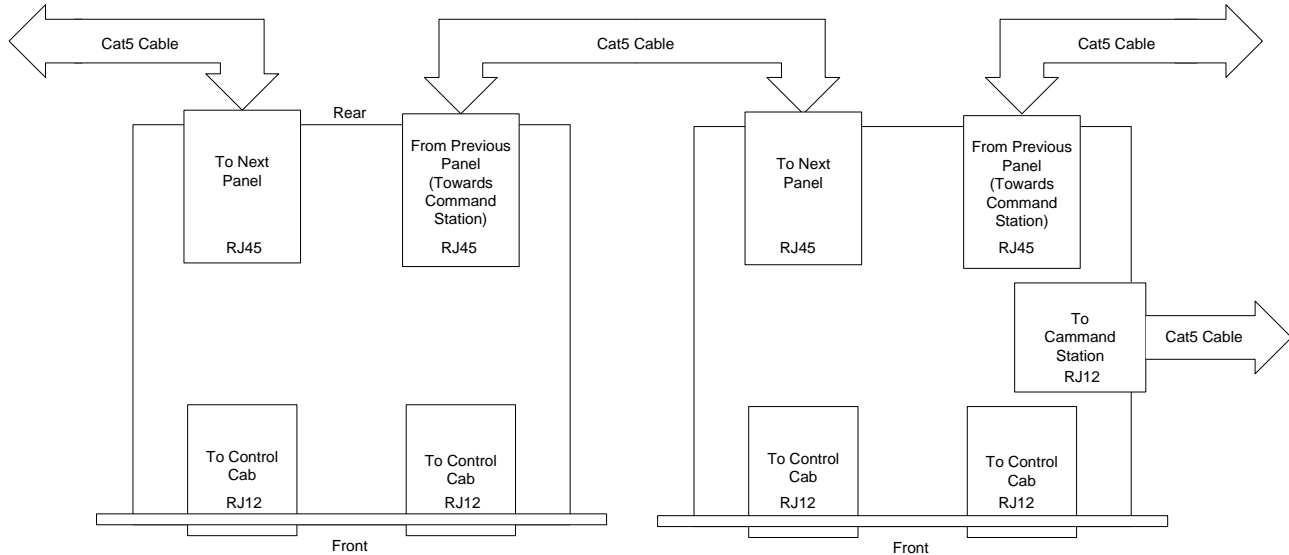
Cab Control Bus Panel

Version CCB -1

Extending the bus using CAT 4,6 Cable (RJ45 connectors)

**NOTE: Other versions are available from
cmOS Engineering to accommodate the use of flat modular telephone cable
See our web site: www.cmoseng.com.au for details.**

The cmOS Engineering control bus panel allows one or more control cabs to be connected to the command station plugging them in at different locations around your layout.



The panel utilises two RJ12 connectors on the face to plug into either side to control trains, two RJ45 connectors on the rear to connect to other panels and an RJ12 connector on the side to connect to the Command Station.

Cab Bus Cabling

The cables used between the Command Station and Cab Control Panel must be wired correctly. These are standard ethernet (computer network cables). They will allow for longer bus segments between panels and the distances between additional DC power supplies/boosters.

If your layout requires a cab bus longer than 10 metres, extra power via a DC power supply (nominally 12 volts DC with a capacity of 0.5 to 1.0 amp) can be plugged into the rear of the control Panel using a 3.5mm tip & sleeve plug with the tip positive.

Other Options

There are five versions of the cmOS Engineering Cab Control Bus Panel which facilitate the use of various cable options. Cat 5 or 6 cables which may provide additional length to the bus, reduce potential electrical noise, and allow the command station to be located anywhere in the bus structure. Flat modular telephone cable is easy to install and are the standard cables used by the command station manufacturers. Please see our web site or talk to your favourite hobby shop for details.

Other Products

cmOS Engineering manufactures:

Block Detectors; LCC compliant nodes and accessories; and custom electronics.

All products are designed and manufactured in Australia.