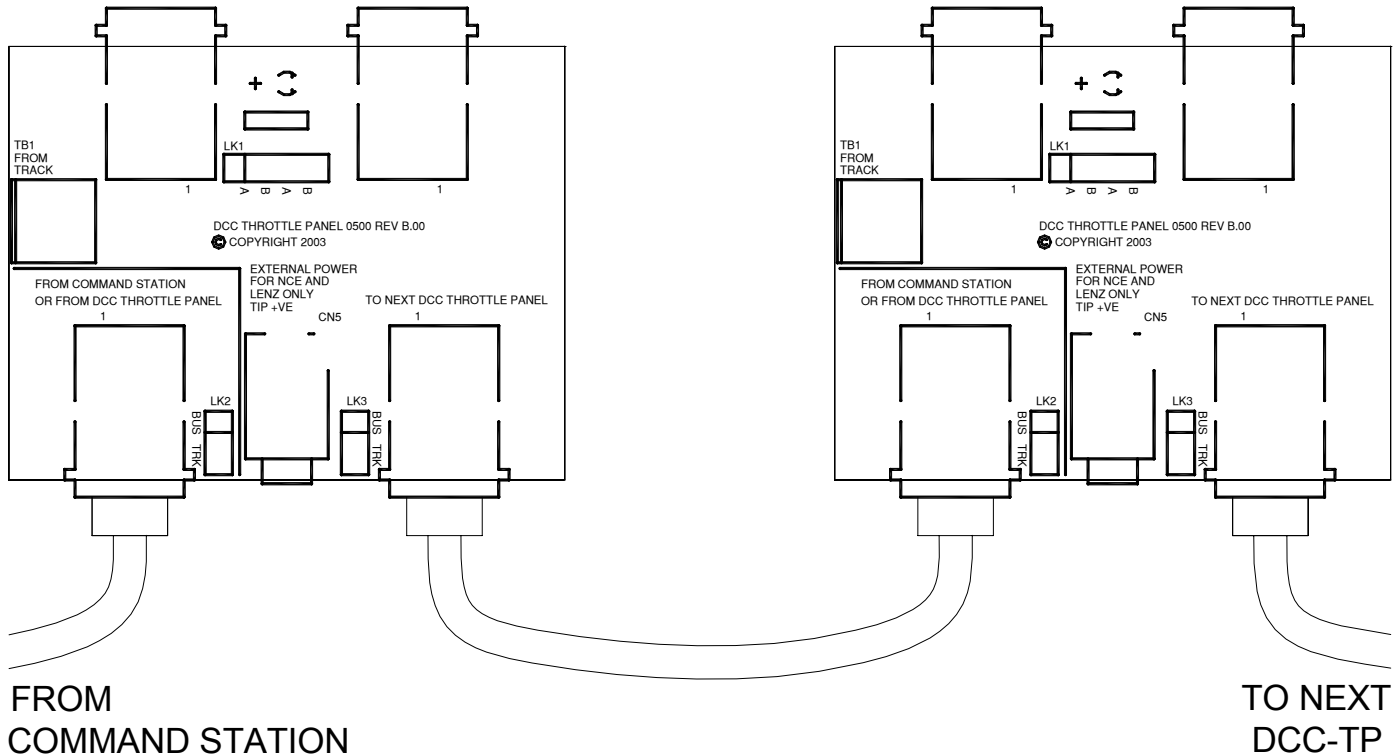


# DCC THROTTLE PANEL (DCC-TP)

Enhance the operation of your layout by adding the ability to use walk around throttles with your DCC system. The DCC Throttle Panel (DCC-TP) is compatible with Digitrax, Lenz, NCE and Zimo DCC systems.

## Connecting the DCC-TP

There are four RJ12 connectors wired in parallel on your DCC-TP. The two front connectors are for plugging in your throttles. The two at the rear are for connecting the DCC-TP to your cab bus or loconet. Connect your DCC command station to the RJ12 connector marked with the text "FROM COMMAND STATION OR FROM DCC THROTTLE PANEL". If you are using more than one DCC-TP then they can be daisy chained together by using the second connector marked "TO NEXT DCC THROTTLE PANEL", as illustrated below.



## Track Power Indicator

By placing the jumpers on link2 (LK2) and link3 (LK3) in the track (TRK) position and wiring the track directly to the screw terminal block (TB1), the LED will indicate track power. If the DCC system you are using employs the NMRA/DCC standard then the LED should be orange otherwise it will be red or green depending on the polarity of the track. If you are using DC then the LED will be either red or green depending on the direction of the train.

## Cab Bus Power Indicator

If you are using Lenz or NCE, by placing the jumpers on link2 (LK2) and link3 (LK3) in the bus (BUS) position the LED will indicate when power is present on the cab bus.

## Changing LED Colour

If you would like to change the colour of the LED from red to green or from green to red then move both jumpers on link1 (LK1) to either position A or B.

## Adding External Power

If you are using Lenz or NCE, then an external power supply can be plugged into the 3.5mm socket at the back of the DCC-TP. Make sure that the tip is +ve (positive) and the sleeve is -ve (negative).

## Mounting

Use the template provided to mark the rectangular cutout and the four hole centres required to mount your DCC-TP to your layout fascia.