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LINEARdrive 180 Wiring Diagram

LIN180D1



12V-28V DC IN

To connect the driver/controller to a PSU, connect the PSU's positive voltage supply wire to the VDC+ connector and its negative voltage supply wire to the VDC- connector.

DMX in/LedSync thru

Use these connectors when the driver/controller is used in a DMX network. For data input, connect the network cable's data+, data- and shielding wire (the orange/white, orange and brown wire in a CAT5 cable) to the DMX in+, DMX inand DMX in shield connector. For data output, connect the network cable's data+, data- and shielding wire (the orange/white, orange and brown wire in a CAT5 cable) to the LedSync thru +, LedSync thru - and LedSync thru shield connector.

EXT in

Connect an external control device (0..10V control device, $10k\Omega$ potentiometer or show selection switch) to the driver/controller by connecting the device's positive lead to the EXT in + connector and its negative lead to the EXT in – connector.

LED groups

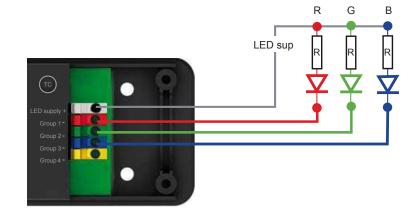
Connect your LED groups to these connectors. R(ed) represents group 1, G(reen) represents group 2, B(lue) represents group 3, W(hite) represents group 4.



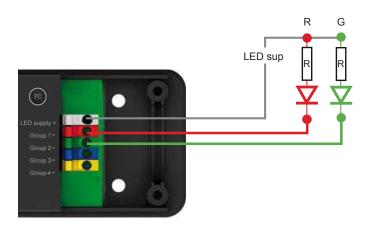
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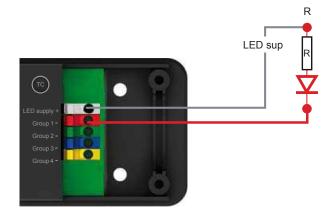
Connecting 3 LED groups



Connecting 2 LED groups



Connecting 1 LED group



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