

DMX 8-Channel Relay PRO System



Overview:

This boxed version of the DMX Relay board with Digital Display provides up to 8 digital outputs with the ease of decimal base address selection. The base address may be set to between 1 and 505 by simply pressing the + / - buttons until the required base address is displayed on the LED panel. The incoming DMX value on the base address channel may also be displayed by pressing the Read DMX button and the DMX signal failure setting (DMX Default) may be selected to be either relays all OFF or held at their last state.

Connections:

The board requires a 12V DC supply at 0.5 Amps connection by center positive 2.1mm jack plug.

Connect the cased relay unit to the DMX network using 5-pin XLR connectors- if the unit is the last item on the network, place the jumper over the pins marked TRM On (inside the case). This will improve the performance of the DMX network.

Connect your loads to the relevant volt-free relay outputs. Each relay is rated at 10 Amps/ 240V AC. Connection is via plug-in terminal blocks NO/NC/Com for ease of disconnection. Relay output panel LEDs indicate the status of the relays.



Settings:

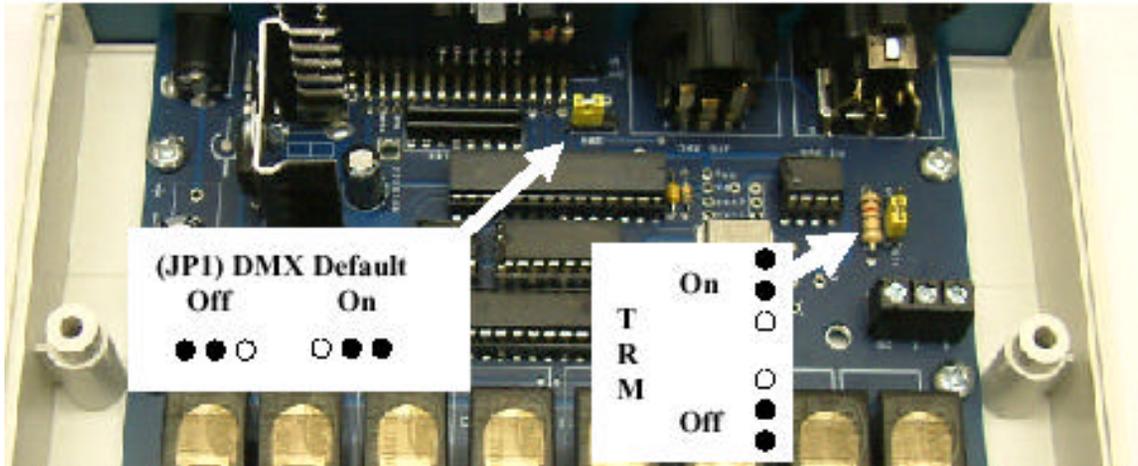
Press the + or - button to adjust the DMX base address. Relay 1 will correspond to the base address, relay 2, base address + 1 etc. The base address is read continuously and is retained during power down. The relay will operate when the incoming DMX value on the relevant channel is 225 / 88% or greater, relay output changes are suspended whilst the address + / - buttons are operated.

Lack of suitable DMX input is shown by the LED panel flashing "Err / ---". During this time the base address cannot be changed and the relay outputs are switched OFF (DMX Default Off) If it is required, the default status may be changed to ON by moving the JP1 jumper (inside the case) to the left-hand position whereupon the relay outputs will hold in their last state during a DMX signal failure.

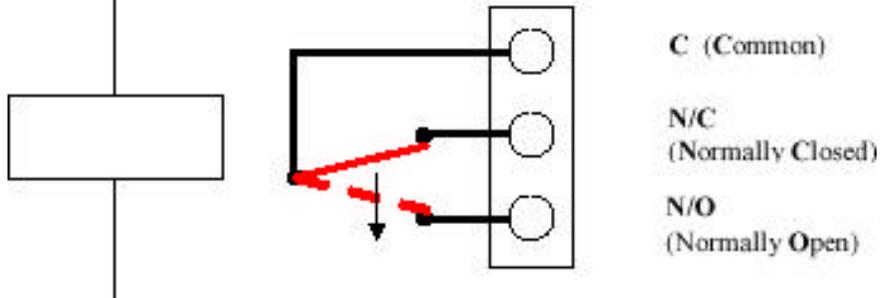
Pressing the Read DMX button will temporarily display the incoming DMX value on the base address channel.

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DMX Default and Termination Jumper (TRM) detail



Relay Output Connections



Miscellaneous:
Case Dimensions: 170x 140 x 50mm.

Ordering options:
12V version:
24V version: