

SINGLE CHANNEL DMX512 CONTROLLED RELAY

model DMX1REL20A

Description: The Single Channel DMX512 Controlled Relay receives DMX512 and uses the dimmer level to open or close a dry contact relay. The relay is closed when the level exceeds 60%. The relay is opened when the level falls below 40%. The unit is wired such that when the relay is closed, the line voltage on the AC input (either 120 or 230 volts) is switched onto the AC output (only the *hot* side is switched).

Line Input: The line cord is normally fitted with a 15A parallel blade with ground (PBG) plug. The unit may be powered by either 120 or 230 volts, 50 or 60 Hz. If a different plug is required, remove the parallel blade connector and wire on the desired plug using the following color code: Green = Ground, Black = Hot, White = Neutral.

Line Output: The unit's output is normally fitted with a 15A parallel blade with ground (PBG) receptacle. If a different receptacle is required, remove the parallel blade connector and wire on the desired receptacle using the following color code: Green = Ground, Black = Hot, White = Neutral.

DMX Input: The DMX signal is applied to the male five-pin XLR connector.

DMX Output: The DMX signal is looped through to the female XLR connector to continue the signal run to other devices. (All five pins are looped through).

DMX Termination: No internal termination is provided. The last device on a DMX run should be terminated with a 120 ohm termination plug.

Starting Address: The starting address (the dimmer number that will control the relay) is set using the three switches on the front panel. Set the number to the starting address.

Test Mode: Setting the address switch to 601 will close the relay to allow testing the output device without a DMX512 signal. It is also a good way to verify that the DMX Controlled Relay unit is working. When in test mode the signal indicator will flash.

Power Indicator: The red PWR indicator should illuminate whenever power is applied. If it fails to light, first check that your outlet is good. If the unit is receiving power, the internal fuse may be blown. To check the fuse, unplug the unit and remove the top panel. The line fuse is a 1/2 Amp fast blow.

Relay One Indicator: The green RLY 1 indicator will illuminate when the relay is closed, supplying power to the output connector.

Signal Indicator: The green SIG indicator will illuminate when a valid dmX signal is received. The indicator will flash when the unit is in test mode (Address switch set to 6XX).

Specifications:	Power:	120 or 230 VAC 50/60 Hz 12 Watts
	Size:	6.5" deep, 1.7" high, 6.5" wide
	Weight:	2.7 pounds
	Output rating:	15 Amps with standard connectors 20 Amps with optional connectors
	Color:	Silver hammer tone