

## SIX CHANNEL DMX512 CONTROLLED RELAY PACK

**Description:** The Six Channel DMX512 Controlled Relay Pack receives DMX512 and uses the dimmer levels to open or close dry contact relays. A relay is closed when its 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 is switched onto the AC output (only the *hot* side is switched).

**Line Input:** The line cord is fitted with a parallel blade with ground (PBG) plug. The unit is powered by a nominal 120 volts, 50 or 60 Hz. If a different plug is required, cut off 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 on six parallel blade with ground receptacles; one per relay.

**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 first relay) is set using the three switches on the front panel. Set the number to the starting address. The second relay will be controlled by the one plus the switch setting's dimmer level, the third relay by two plus the switch setting's dimmer level, etc.

**Test Mode:** Setting the address switch to 601 will close the first relay to allow testing the output without a DMX512 signal. Setting the address switch to 602 will close the second relay, etc. When in test mode the signal indicator will flash.

**Power Indicator:** The red power 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 relay one indicator will illuminate when the first relay is closed, supplying power to the first output receptacle.

**Signal Indicator:** The green signal 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).

<b>Specifications:</b>	Power:	120 VAC 50/60 Hz 12 Watts (plus the connected load)
	Size:	8.0" deep, 1.75" high, 19.0" wide
	Weight:	6 pounds
	Output rating:	15 amps per channel, 15 amps total
	Color:	Silver hammertone with black front and back panels