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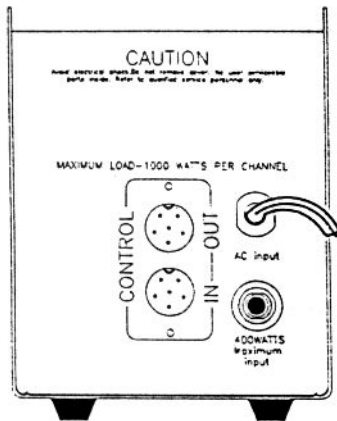
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GENERAL INSTRUCTION

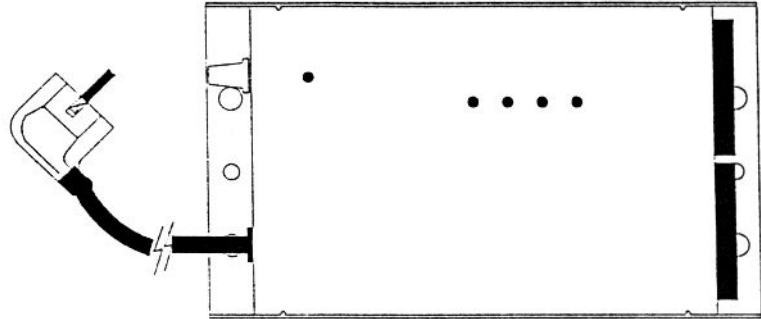
DM-3400 DIMMER PAK AND RL-3400 RELAY PAK

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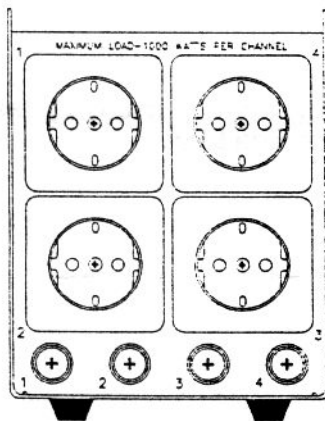
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INPUT PANEL



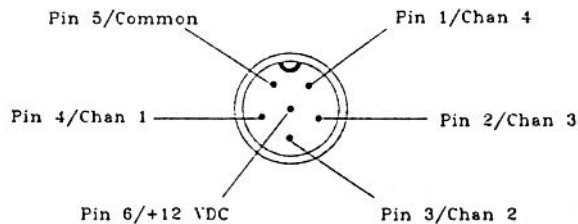
TOP VIEW



OUTPUT PANEL

CONTROL CONNECTOR

(Front View)



IMPORTANT : Both the DM-3400 and RL-3400 contain external channel output fuses for protection against direct shorts or channel overloads. No output at a channel outlet indicates a blown channel fuse. This is a result of a defective or short condition of the device that was plugged into that channel. Remove the device or circuit from the channel and repair or correct the condition.

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DM-3400 DIMMER PAK

General Description : The DM-3400 is a four channel (1000 Watts/Chan.) dimmer pak designed for the dimming control of chase and stage lighting. Each channel is protected against shorts or overloads by a standard glass-type (5 amp.) fuse. The DM-3400 is also filtered against high frequency interference(HFI) by the use of (4) toroidal chokes. Control voltage is generated internally (+12VDC) and is available at the control input connector for controllers that require an external supply to operate. The control voltage for channel control is 0-10V DC.

- SPECIFICATIONS -

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Channel Load : 1000 Watts Maximum	Filtering : 200 Microseconds (10-90%)
Power Input : 2400 Watts Maximum	Control Voltage : 0V - 10V DC
Channel Protection : 5 Amp/3 AG Fuse	Dimensions : 6.8" * 9.4" * 5.5"
Main Overlaid Protection : 20 Amp Circuit Breaker	Weigh : 3.2Kg

RL-3400 RELAY PAK

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General Description : The RL-3400 is a four channel (1000 Watts/Channel) solid state relay pak designed for the power switching (on/off) of chase and special effects lighting. The switching circuit is a zero-crossover type allowing for a soft turn-on and turn-off, which completely eliminates any spikes or noise. For this reason, the RL-3400 is recommended for any inductive loads (pinspots, neons, motors, etc). Each channel is protected against shorts or overloads by a standard glass-type (5 amp.) fuse. Control voltage is generated internally (+12VDC) and is available at the control input connector for controllers or switch-panels that require an external supply to operate. Control voltage required to turn on channels is 3.3V DC or greater.

- SPECIFICATIONS -

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Channel Load : 1000 Watts Maximum	Main Overlaid Protection : 20 Amp Circuit Breaker
Power Input : 2400 Watts Maximum	Dimensions : 6.8" * 9.4" * 5.5"
Channel Protection : 5 Amp/3 AG Fuse	Weigh : 3.2Kg
Control Voltage : 3.3VDC or greater	

OPERATING TIPS

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1. The DM-3400 and RL-3400 have dual in/out control connectors for daisy-chaining multiple paks. Because each pak has its own power supply, there is no limit to the amount of paks that can be added on.
2. Make sure to turn off main AC power to 3400 paks before leaving or after use. A controller cannot turn off the AC power to paks. The paks are live as long as the main AC power is still on.
3. The DM-3400 and RL-3400 can be ordered with a ropelite output connector. This connector can power up to 12 (16ft) ropelites (Approx. 1,200 watts) . Ask about the ropelite option.
4. Note : The DM-3400 Dimmer is medium-filtered for HFI and is not recommended for use with heavy inductive loads, The DM-3400 can be used with light inductive loads such as pinspots or neon sticks if the pak is dimmed for only short periods of time (10-20%). However, the use of the DM-3400 in a long or constantly dimmed condition will limit the life expectancy of pinspots or neon transformers. The use of a DM-3400 with these devices is at best subjective and should be approached with care (consult factory).