



Information specifically for:

PD-PACK1

This manual contains important information.
Please read before operating fixture.



IMPORTANT INFORMATION

Save original packing and documentation for warranty, service and return issues.

Limited Warranty: This warranty covers defects or malfunctions in this equipment. This warranty lasts for a period of one year from date of purchase. It is the owner's responsibility to provide invoices for proof of purchase, purchase date and dealer or distributor. If purchase date can not be provided, warranty period will start at manufacture date. It is the sole discretion of Techni-Lux to repair or replace parts or equipment. All shipping will be paid by purchaser. This warranty does not cover lamps, fuses, belts, power semiconductors, relays, cleaning, standard maintenance adjustments or normal wear items or any problem resulting from the following: improper wiring, incorrect voltage (including low or over voltage conditions and lightning), abuse, misuse, improper maintenance or an act of God or damage resulting from shipping. Warranty will be null and void if the product is altered, modified, misused, damaged, or subjected to unauthorized repairs. Lamps are covered by relevant manufacturer warranty. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Any liability for consequential and incidental damages is expressly disclaimed. No other warranty, expressed or implied is made. Techni-Lux liability in all events is limited to, and shall not exceed, the purchase price paid.

Returning equipment and Repairs: All returns must be accompanied by a Return Merchandise Authorization (RMA) number and sent pre-paid. Contact the dealer or Techni-Lux directly to obtain an RMA. The RMA number must be clearly listed on the shipping label. Due care must be exercised in packing all merchandise to be returned. All repairs must be accompanied by a written explanation of the claimed problem or error encountered. Techni-Lux is solely responsible for determining a product's eligibility for coverage under warranty. If returning for consideration of credit, all accessories and documentation, original protective material and cartons must be included and the equipment, packing and carton must be in new resalable condition. Credit for returned merchandise will be issued at the lowest current price and is subject to a restocking fee. No returns accepted on discontinued items. Techni-Lux is not responsible for merchandise damaged in transit and reserves the right to refuse any return that is damaged by the carrier, not accompanied by a Return Authorization Number (RMA#) or sent by freight collect.

Claims: All claims must be made within seven (7) days of receipt of merchandise. Any physical damage must be reported to carrier upon receipt of merchandise.

Please record the following information for future reference:

Model Number: PD-PACK1

Serial Number: _____

Dealer: _____

Date of Purchase: _____

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UNPACKING

Immediately upon receipt, carefully unpack and inspect the fixture to verify that all parts are present and have been received in good condition. If any parts appear damaged from shipping or the shipping carton shows signs of mishandling, retain all packing material for inspection and notify the shipper immediately. Save all original packing and carton. In the event that the merchandise is to be returned, the original carton and packing must be used. The customer will be billed for a new carton and packing if merchandise is received without the original carton and packing. The plastic bag shipped with the fixture can be used to keep the fixture clean if stored or installed in a temporarily dusty environment. Do not operate fixture with plastic bag in place.

Save shipping materials

The packing and carton are designed to provide the fixture with protection during shipping. Save original packing and documentation for warranty, service and return issues. Additional charges will be applied to return items not received in original or incomplete packing.

Claims

Physical damage must be reported to the Freight Carrier or Shipping Company upon receipt of merchandise. Damage incurred in shipping is the responsibility of the Freight Carrier or Shipping Company. It is the customer's obligation in the event that merchandise is received damaged caused by shipping to notify the Freight Carrier or Shipping Company immediately. All other claims not related to damage incurred during shipping must be made to the Dealer or Distributor within 7 (seven) days of receiving merchandise.

Returns

Returned merchandise must be sent prepaid, in the original packing with a Return Merchandise Authorization number (RMA) clearly listed on the shipping label. Items sent by Freight Collect or without a RMA number will be refused. Call your sales person and request a RMA prior to shipping. Be prepared to provide the model number, serial number and a brief description of the nature of the return. Shipping damage resulting from inadequate packaging is the customer's responsibility. Customer will be charged additional shipping charges to return products received in non original packing and or cartons.

SAFETY INSTRUCTIONS



WARNING!!! To reduce the risk of fire, electric shock, or injury to persons, follow these important safety instructions:

- This product is intended for indoor use only!
- Always turn off, unplug power and allow the unit to cool before servicing.

- Ensure that unit is properly grounded.
- Please keep this User Guide for future consultation.
- Always make sure that you are connecting to the proper voltage and that the line voltage you are connecting to is not higher than that stated on decal or rear panel of the fixture.
- To prevent risk of fire or shock, do not expose fixture to rain or moisture.
- The unit must be installed in a location with adequate ventilation, at least 50cm from adjacent surfaces. Be sure no ventilation slots are blocked.
- Always disconnect from power before servicing or replacing fuse.
- Make sure power cord is never crimped or damaged.

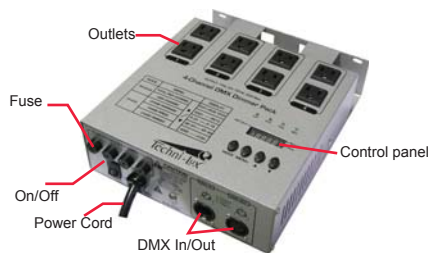
INTRODUCTION

PD-PACK1 is a 4-channel DMX dimmer pack. It is designed for small bands, clubs, theaters and mobile disc jockey systems running 300, 500 watt par-cans. It also has 16 built-in chase programs for stand alone operation.

FEATURES

- DMX 512 control
- Functions: Manual dimmer, manual program, auto program
- 4 Individual Dimmer Channels
- Independent 8.3 Amps per channel
- Maximum load 5A per channel, total 20 Amps
- 16 built in chase programs
- For resistive or inductive loads
- Multiple pack linking in/out
- Input/output via 3-pin XLR
- Digital LED display
- 4 dual Edison receptacle outlets
- 2 inch bar mounting
- 3/8" clamp mounting holes
- 4 Physical channels
- 1, 2 or 4 Logical channels
- 1000w max per channel

PRODUCT VIEW



SETUP

Mounting

Always consult a qualified professional when installing. This unit may be wall mounted, free standing, or clamp mounted. When selecting a mounting position, take into consideration access for routine maintenance. This unit may be mounted in any position provided there is adequate room for connections. Mount the unit securely using one mounting clamp and a safety cable. The mounting hole size provided is 1/2". Safety cables must always be attached to the unit. Do not mount in a place where the unit will be exposed to rain, high humidity or extreme temperature changes. This unit is for dry / indoor use only.

AC Power

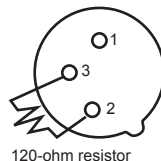
The unit is designed to work on 120V 60Hz. All units must be powered directly off a switched circuit and cannot be run off a rheostat or dimmer circuit, even if the rheostat or dimmer channel is used solely for a 0% to 100% switch. Before applying power to a unit, check that the source voltage matches the unit's requirement. All units must be connected to circuits with a suitable Earth Ground.

DMX512 - Data Connection

This dimmer pack is designed to receive DMX data through a serial Daisy Chain. A Daisy Chain connects the DATA OUT of one fixture to the DATA IN of the next one. The order in which the fixtures are connected is not important and has no effect on how a controller communicates to each fixture. Use an order that provides for the easiest and most direct cabling. One cable of appropriate length will be needed for each fixture. Connect fixtures using shielded two conductor twisted pair cable with three pin XLR male to female connectors. Lo-Z or balanced microphone cables generally have the proper connection. Shield is pin 1, pin 2 is Data Negative (S-or cold) and pin 3 is Data positive (S+ or hot).

Data Terminator

A Data Terminator can be connected to the DATA OUT connection of the last fixture if required. To make a Data Terminator, connect a 120-ohm resistor between pin 2 and pin 3.



5 pin XLR to 3 pin XLR

Numbers designating each pin can be found on all connectors. Converting between the two LXR types is done in a pin-to-pin fashion. Connect the shields to pin 1, then connect pin 2 to pin 2 and pin 3 to pin 3. This is true for converting either way, 5 to 3 pin or 3 to 5 pin regardless of either connector's gender. Pins 4 and 5 are not used on the 5 pin XLR connectors.

OPERATING INSTRUCTIONS

Mode (Receive / Chase)

Pressing the MODE button toggles the unit between the Receive and Chase functions. In Receive mode, the unit functions with DMX. In Chase mode the unit will run the chase selected. When in Receive mode, pressing the MENU button toggles between Set Start Address and Set Logical Channels options. When in Chase mode, pressing MENU button toggles between Chase Program, Chase Seed and Chase Dimmer. LEDs indicate the current mode of the pack.

Receive: DMX Channel (Set Start Address)

Press MODE and MENU button until the display reads "A" followed by a three-digit number. This is the Start Address for DMX512. It is the channel that will be assigned to the first LOGICAL channel of the pack. Use UP/DOWN buttons to select desired Start Address. Holding down a button will scan rapidly through the addresses. A LED indicates that the pack is actively receiving a DMX signal.

Receive: Total DMX Channels (Set Logical Channels)

Press MODE and MENU button until the display reads "CH:" followed by a two-digit number. This is the logical number of channels.

1 = Outputs 1,2,3,4 operate from a single DMX dimmer channel (Start Address)

2 = Outputs 1,2 operate from the first DMX channel (Start Address) and 3,4 operate from Start Address + 1

3 = Each output operates from a separate DMX channel

Chase: Program

Press MODE and MENU button until the display reads "P:" followed by a two-digit number. This is the number of auto chase pattern. The pattern will run on the channel indicators. Select a program from 01 to 16.

Chase: Program Speed

Press MODE and MENU button until the display reads "SP:" followed by a two-digit number. This is the speed of auto chase pattern. Select a speed from 01 to 99.

Chase: Program Dimmer Level

Press MODE and MENU button until the display reads "d:" followed by a three-digit number. This is the dimmer level of auto chase pattern. Set dimmer level from 001 to 100.

TROUBLESHOOTING

Display and LEDs do not light	-Check that power is connected and proper voltage
Packs do not see data	-Check DMX polarity and DMX lines -Pack is set to Chase Program mode
One or more Packs can not be controlled	-Check Start Address and data lines
Pack runs on its own	-Pack is set to Chase Program mode
A CHASE doesn't run or runs without output	-Chase speed or dimmer level is very low

FUSE REPLACEMENT

1. Unscrew the fuse holder and remove the bad fuse.
2. Replace with a new fuse of the same rating and screw the fuse holder in place.

TECHNICAL SPECIFICATIONS

Power Input: 120V 60Hz

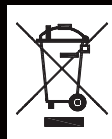
Fuse: 8.3A 125V

Size: 10.25 x 7.5 x 3 in.

Weight: 5.75 lbs

IMPORTANT INFORMATION!

In order to optimize the recovery and recycling of the materials that old appliances contain and reduce the impact on human health and the environment, ensure that this product is recycled at the end of its life.





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