



Slim Dimmer Portable Single Dimmer

User Manual
(Model LDT1.8K)



Introduction

The Slim Dimmer is a unique single portable 1.8kW dimming solution that can be used individually or as a part of a complete dimming system. It is perfect for film, television, studios, location shoots, or anywhere you need just one dimmer or just one more dimmer.

Unpacking and Inspection

Before you begin your installation check the shipment carefully to confirm it arrived complete and undamaged.

1. Check the contents against the packing list to ensure the device is the correct model
2. Check the panel for loose or broken components, which might have resulted from shipping
3. Inspect for signs of damage to wiring devices, circuit breakers, handles or device enclosure

If there is any damage to the Slim Dimmer contact Lex Products toll free at 800-643-4460 or email info@lexproducts.com.

Safety Notice

The Slim Dimmer is built and tested with safety as a primary consideration, but all electrical equipment must be used with care. Observe all normal precautions when operating this dimmer.

1. Review all instructions before use and save for future reference
2. The device shall be connected to a mains outlet with overcurrent protection and grounding.
3. This product is for use in dry locations only
4. Unplug dimmer from power before servicing
5. Do not modify dimmer or housing in any manner

Slim Dimmer Components



Fig. 1

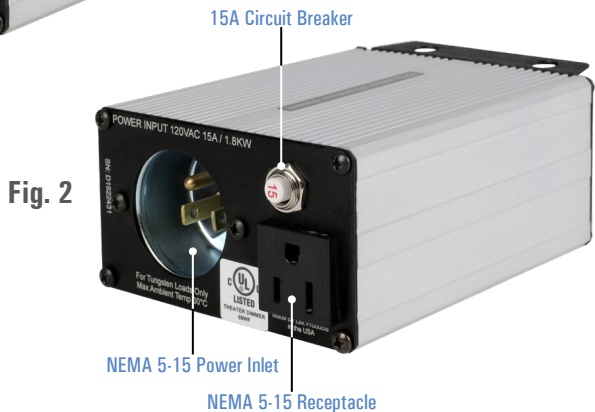


Fig. 2

Connecting Power and Control Wiring

1. Line Power Connection

- Connect the Slim Dimmer to a 120VAC 15A 60Hz power source using the NEMA 5-15 plug (Fig. 2)
- If the breaker (Fig. 2) trips, check the power source and cables being used before resetting
- Do not power the unit from a dimmed circuit

2. Load Power Connection

- The Slim Dimmer portable dimmer can control incandescent loads
- To prolong lamp life, set the control output to zero before connecting the load, see below
- Plug load(s) up to the capacity of the dimmer, into the NEMA 5-15 receptacle (Fig. 2) using properly grounded and appropriately rated cords

Installation

1. Hanging

- If desired, a C-clamp may be attached to the dimmer for hanging, using a thread adapter and the 14"-20 threaded insert in the case of the dimmer
 - Mounting hardware is available from Lex Products
- The 1/4"-20 threaded insert can also accommodate a variety of alternate photographic and motion picture mounting or hanging products
 - Additional thread adapters are available from Lex Products.
- When hanging a safety cable (not included) must be used
- The dimmer is equipped with two holes on the face of the enclosure (Fig. 1) through which a safety cable may be threaded and fixed to a suitable structure (such as around the pipe to which the dimmer is clamped)

2. Resting

- The dimmer case may get hot when operated at or near full load
- The dimmer should only be hung or placed on flooring, equipment or furniture that is not susceptible to heat damage.

Setting Up for Operation

1. The dimmer's digital display will illuminate when powered
2. Slide the dimmer's built-in fader to provide the desired lighting level
3. The digital display will indicate a percentage (0-100%), permitting the dimmer to be easily and repeatedly set to a specific level
 - It also permits multiple independent Slim Dimmers to be easily set to the same level

Troubleshooting

1. If the dimmer does not operate as expected, check the power source and check all cables and connectors
2. Be sure the push to reset breaker is on pushed in (Fig. 2)
 - The dimmer is protected by an on-board 15 Amp, push-to-reset circuit breaker
 - During normal operation the breaker "button" will be flush with the surface of the unit
 - When the breaker is tripped, the button will pop up above the surface of the unit
3. LED display does not illuminate.
 - Check to be sure that the power is being supplied to the dimmer
 - Ensure the push to reset breaker is flush with the surface of the unit
4. Connected load is ghosting and will not shut off
 - Slide the Level Control slider back and forth between 0% and 100%
 - If the load remains on at 0%, contact Lex Products Support or your dealer for repair

Technical Support

- Lex Products is available to help answer any product related inquiries
- For any questions or technical advice, please call toll free 800-643-4460 or email info@lexproducts.com.



Lex Products Corporation
11 Forest Parkway
Shelton CT 06484
203.363.3738
203.363.3742 Fax

Lex West
12701 Van Nuys Boulevard
Suite Q
Pacoima, CA 91331
818.768.4474
818.768.4040 Fax

www.lexproducts.com
info@lexproducts.com
800.643.4460

© Copyright Lex Products 2021

Produced in the United States of America
All Rights Reserved.

Lex Products logo and lexproducts.com are trademarks or registered trademarks of Lex Products in the United States, other countries, or both.