



We Deliver the Power™

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6KW, 12KW and 24KW Portable Dimmers

Unique portable dimming solutions for location, stage or studio



**NEW
from
LEX!**



Features & Benefits:

- Three-digit display shows selected dimmer level and slider position from 0-100%, lamp pre-heat level from 0-25% and DMX512 address from 001-512
- Separate LEDs indicate operating modes and presence of DMX512 control signal
- Power fail memory retains pre-heat level, dimmer level, operating mode and DMX512 address
- Panel mount stage pin connectors for input and output
- LED indicators show status of circuit breakers and output voltage
- Microprocessor-based control electronics and modular design for simple access / upgrades/voltage
- Fully digital with push button, slider and DMX 512A controls
- 100% solid state design for reliability and convenience
- Roadworthy design based on our portable power distro construction
- 8-bit resolution allows full 256-step dimming control to ensure exact level repeatability
- Voltage regulation maintains dimmer output within 2% despite fluctuations in input voltage
- With all connections and displays fully protected, these units will deliver years of trouble-free service

Also introducing...Lex's Revolutionary 19" Rolling Rack

For applications requiring dimming and power distribution, your selection of dimmer modules can be safely housed in this revolutionary 19" rolling rack designed specifically to accommodate the FD series dimmers. Featuring 5-wire Cam-type connectors for power input and output, integral fan tray and your choice of power distribution.

Aluminum and HDPE construction is impact and corrosion resistant, durable and extremely lightweight.

The removable front and back rack panels incorporate flush mount, spring-loaded latching devices providing a secure fit within the rack framework when closed.

Counterpart hardware on the rack frame has been eliminated, addressing what has been a major cause of cable snags and personnel bruises on many other racks.



Specifications:

	FD1-6K and RFD1-6K	FD1-12K and RFD1-12K	FD1-24K and RFD1-24K
Input Voltage Range	95-130 Vac	95-130 Vac	190 - 240 Vac
Frequency	50/60 Hz	50/60 Hz	50/60Hz
Input/Output Connectors	60A Stage Pin 2P3W 120 VAC (ANSI E1.24 5T60)	100A Stage Pin 2P3W 120 VAC (ANSI E1.24 5T100)	100A Stage Pin 2P3W 240 VAC (ANSI E1.24 6T100)
Minimum Load	50 W	50 W	50 W
Maximum Load	6 kW	12 kW	24 kW
Power/Dimming Device	1.2 kV 125A rated Solid State Relay	1.2 kV 125A rated Solid State Relay	1.2 kV 125A rated Solid State Relay
Overcurrent Protection	1 Pole, 50A Magnetic Circuit Breaker	1 Pole, 100A Magnetic Circuit Breaker	2 Pole, 100A Magnetic Circuit Breaker
Cooling	Passive	Passive	(2) 26dB "A Curve" SPL Fans (very low noise)
Weight	30 pounds (13.6 kg)	32 pounds (14.5 kg)	32 pounds (14.5 kg)
Dimensions (including protective top & bottom)	16" W x 8 3/4" D x 14" H	16" W x 8 3/4" D x 14" H	16" W x 8 3/4" D x 14" H

6KW, 12KW and 24KW Portable Dimmers Ordering Information

Catalog No.	Description
FD1-6K	Single channel 6,000 watt, 120 volt, portable dimmer/relay
FD1-12K	Single channel 12,000 watt, 120 volt, portable dimmer/relay
FD1-24K	Single channel 24,000 watt, 240 volt, portable dimmer/relay

Conversion Kit to Adapt Dimmers for Rack Mount Configuration

Catalog No.	Description
FD1-CKR	Stand-alone to rack mount conversion kit