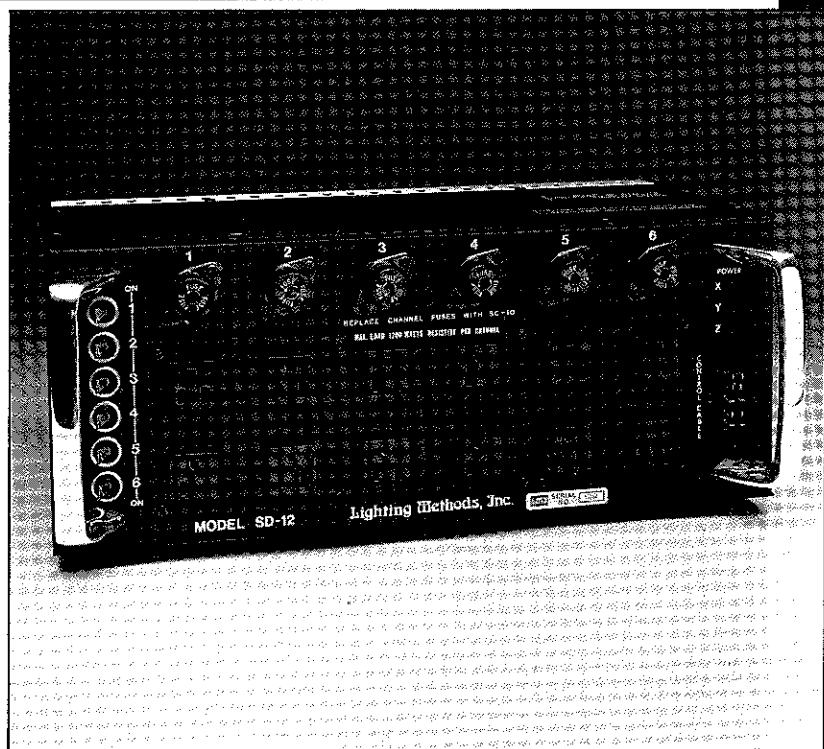


SD-12

SD-12

- 1200 watts per channel
- Plug in dimmer modules
- Full RFI filtering
- 1 or 3 phase operation
- Modular
- Choice of output panels
- Fuse and circuit breaker protection



SD-12

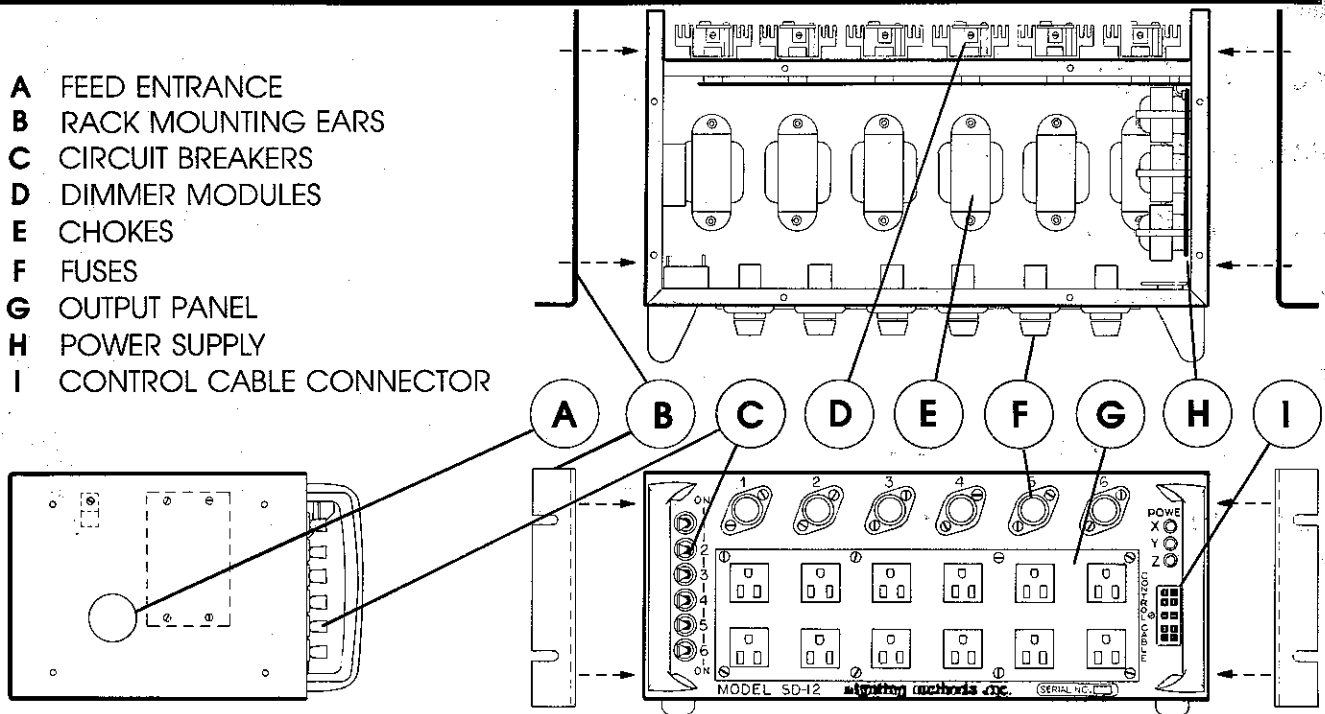
The SD-12 is the star of productions from coast to coast. Producers from New York's Broadway, to local bands, community theatres and church groups are giving rave reviews to the SD-12's consistently professional performance. SD-12 is rugged to withstand the rigors of an extended road trip. SD-12 uses the latest in electronic circuitry to keep top performance reliable. SD-12 is modular so it can be the basis of an expanding system using additional SD-12's, SD-24, SD-36 or other LMI dimmer series. SD-12 comes with a variety of output panels to fit in with your existing equipment. Even with all these credits, SD-12 is conscious of your budget.

Cast SD-12 with an LMI manual or electronic console and your stars are ready to shine on opening night.

SD-12

SPECIFICATIONS

- A FEED ENTRANCE
- B RACK MOUNTING EARS
- C CIRCUIT BREAKERS
- D DIMMER MODULES
- E CHOKES
- F FUSES
- G OUTPUT PANEL
- H POWER SUPPLY
- I CONTROL CABLE CONNECTOR



PHYSICAL:

The dimmer pack shall be constructed of 16 Ga. steel primed and finished with baked black enamel. Graphics shall be silk screened in white epoxy ink. Dimmer pack shall be 16.5 cm H x 42 cm W x 28.4 cm D and weigh 13 Kg. when completely assembled. Pack shall have two carry handles located to protect front panel components.

Dimmer modules shall be plug in for easy access and self-contained except for the filtering system. Each module shall consist of an extruded anodized aluminum heat sink, a firing circuit card, triac and separate connectors for dimmer control and power. Tools shall not be required for insertion or removal of dimmers.

ELECTRICAL:

Dimmer pack shall contain 6-1200 W dimmers and operate on 1 or 3 ϕ power feed. Dimmer shall be 98% efficient. No load loss 5 W; Full Load Loss 26 W. Power output shall be 120 V 60 Hz AC @ 10 A. Output wave form shall be symmetrical to zero voltage and current axes with no DC component. Dimmer curve shall be a Munsell or modified square law curve.

Control voltage shall be analog adjustable 0 to 5 thru 40 volts DC or pulse width modulated signal. Electrical isolation between control and power circuits shall be complete. Dimmer response to control shall be six cycles or less. Each dimmer shall accept patched loads up to its rated capacity. Overload protection shall be a fully magnetic circuit breaker; Short circuit protection shall be a fast acting fuse. Inrush current shall not exceed the manufacturers component rating. There shall be no false triggering (flashover) or interaction between dimmers during any operation. Dimmer settings shall repeat regardless of the direction of the movement of the controller. With a regulated line at a specific setting or when fading from one potentiometer to another dimmer output shall not vary. Dimmers shall be fully filtered against lamp sing and RFI interference. Rise time shall be 600 μ sec.

THERMAL:

Cooling shall be via convection through a vented panel. Operating temperature shall be 0-40°C.

PERFORMANCE:

Dimmers shall control resistive loads of from 10 - 1200 W smoothly from off to full bright.

MANUFACTURER:

Dimmer pack shall be model SD-12 as manufactured by Lighting Methods, Inc., 691 St. Paul Street, Rochester, New York 14605

CATALOG #	DESCRIPTION:
SD-12A	12-U-Ground receptacles - 2 per channel
SD-12B	6-Harj-lock pin connector receptacles
SD-12BB	12-Harj-lock pin connector receptacles - 2 per channel
SD-12C	6-Hubbel #2310 Twist Lock Receptacles
SD-12X	Terminal strip output

6 x 1200 watts per channel

portable rackable



Lighting Methods Inc.

Upper Falls Industrial Center, Suite 204, 691 St. Paul St., Rochester, New York 14605, 716-546-8710