

L86-PORTABLE DIMMER RACKS

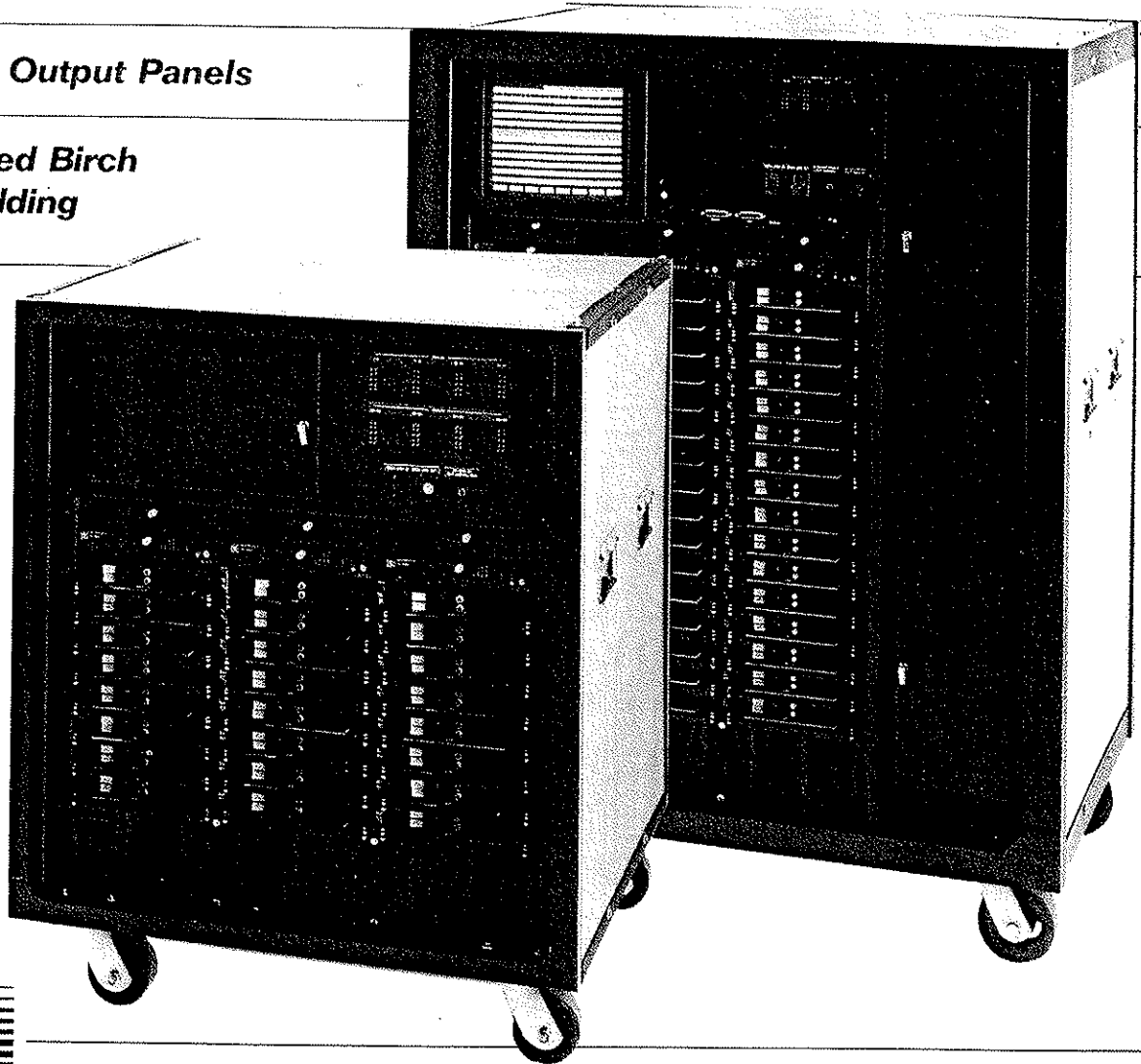
Full Range of Dimmer Sizes — 1.2, 2.4, 6 & 12 kw

*Compatible with LMI Digital Protocol, 0-10 Analog
and USITT Digital and Multiplexed Analog Protocols*

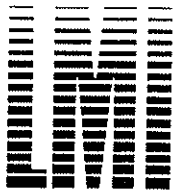
Welded Structural Aluminum Frame

Custom Output Panels

*Varnished Birch
Ply Cladding*



L86-PORTABLE DIMMER RACKS



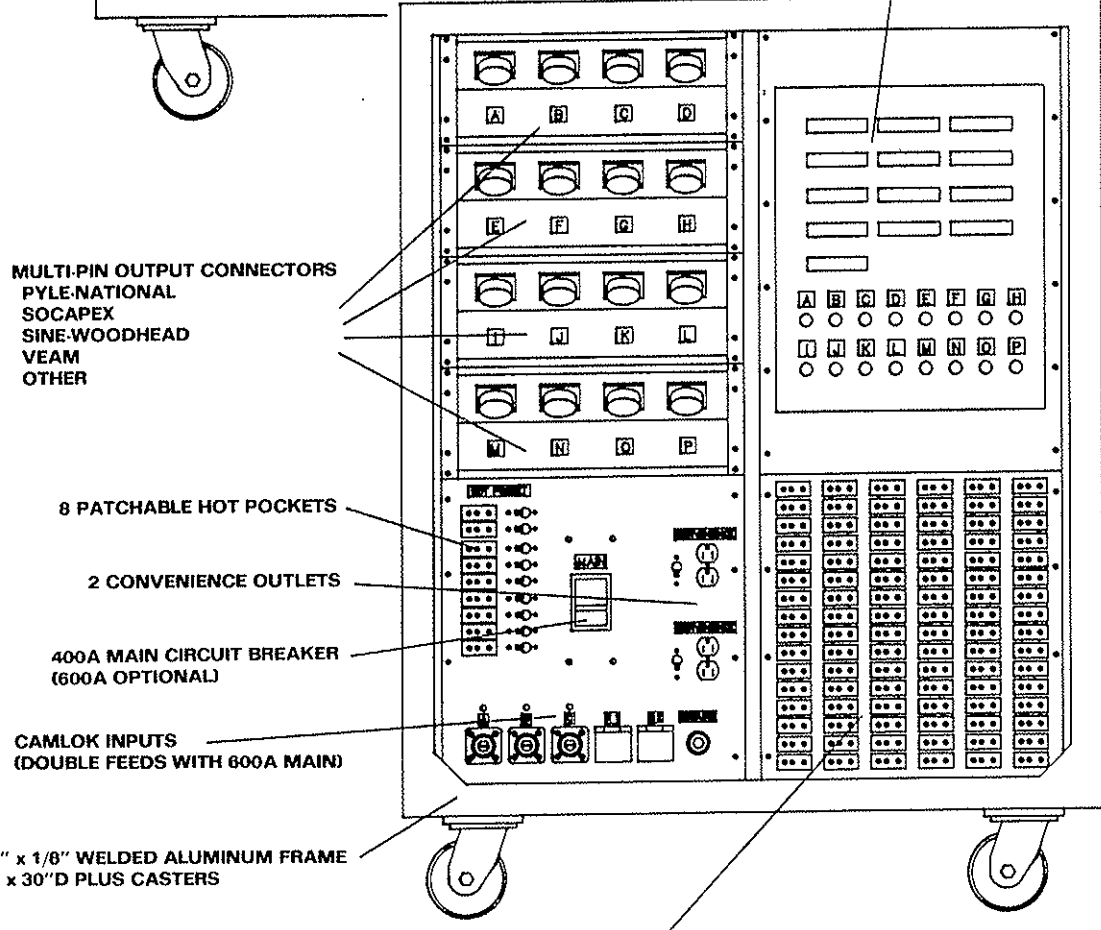
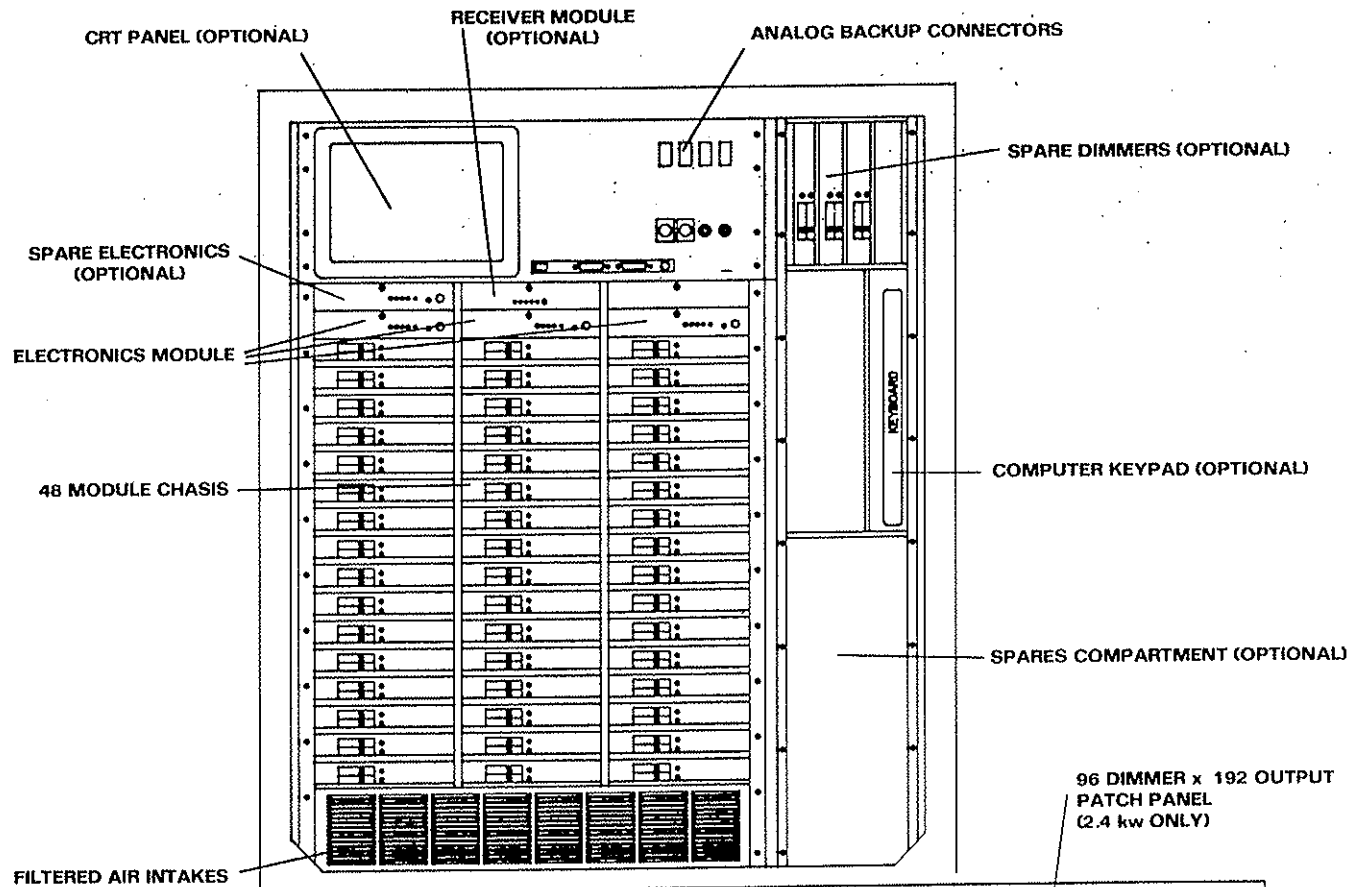
Lighting Methods, Inc.

1099 Jay Street

Rochester, New York 14611

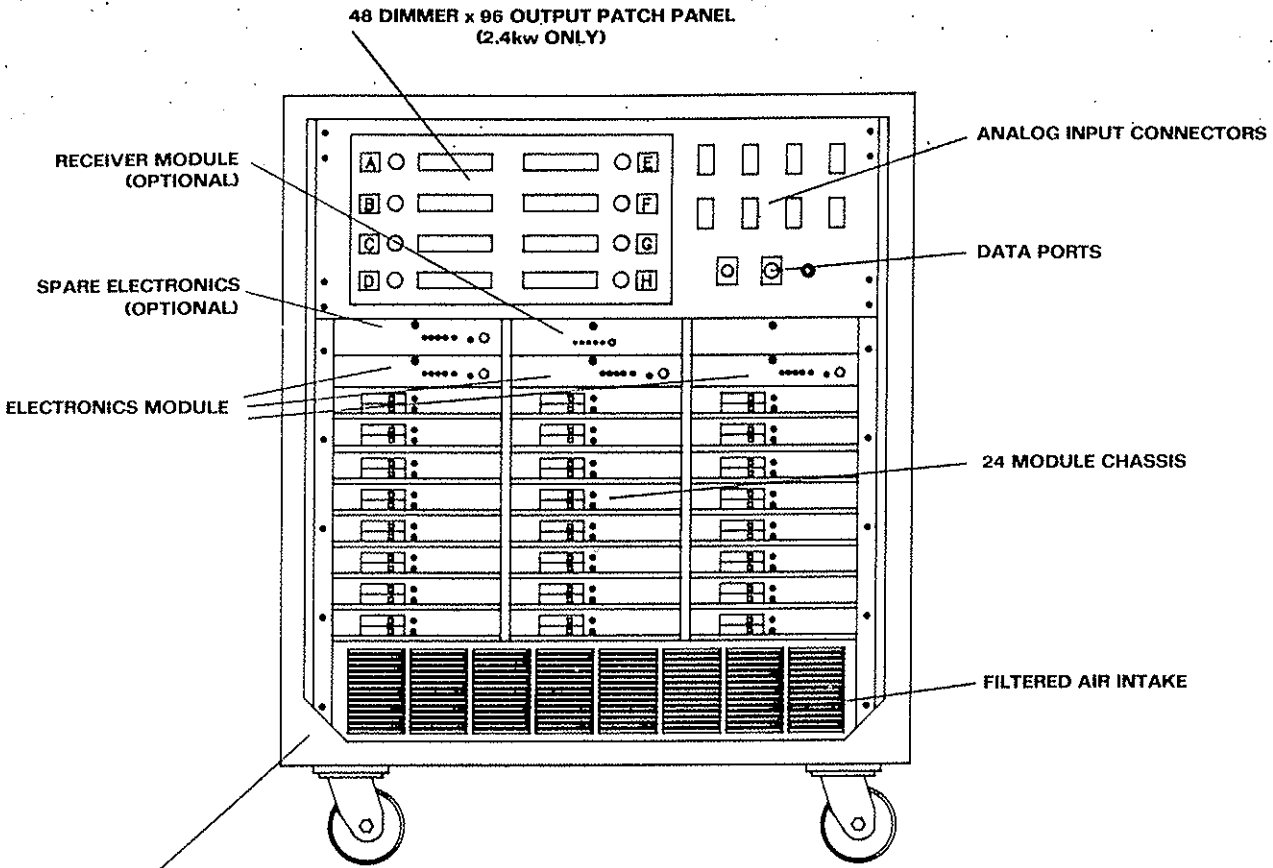
716-328-1020

L86-PORTABLE DIMMER RACKS



96 DIMMER x 192 OUTPUT
 PATCH PANEL
 (2.4 kw ONLY)

96 · 20A 3P PIN CONNECTORS · 1 PER DIMMER
 1 PANEL ON 96 x 2.4 kw RACK
 2 PANELS ON 192 x 1.2 kw RACK



1 1/4 x 1 1/4 x 1/8 WELDED ALUMINUM FRAME (37 1/4"H x 34"W x 30"D)

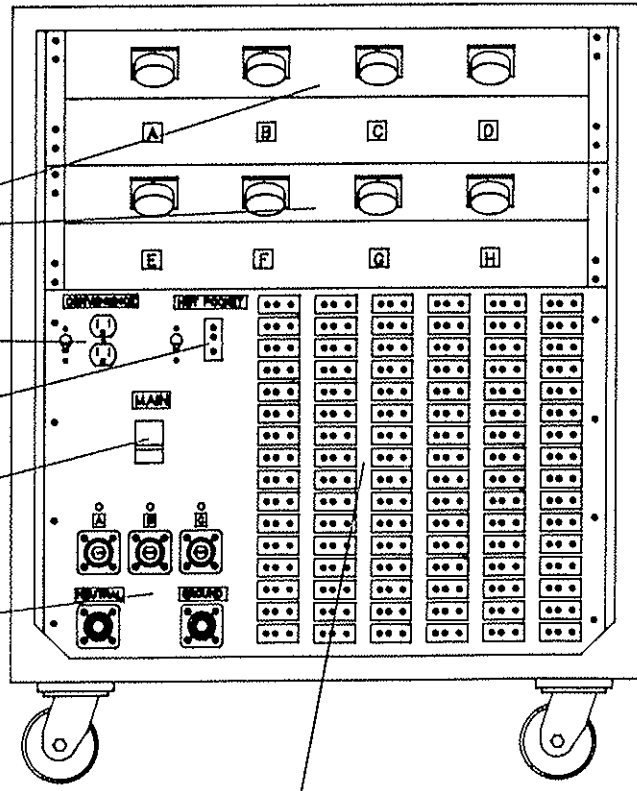
MULTI-PIN OUTPUT CONNECTORS
 PYLE-NATIONAL
 SOCAPEX
 SINE-WOODHEAD
 VEAM
 OTHER

20A CONVENIENCE OUTLET

20A HOT POCKET

225A MAIN CIRCUIT BREAKER

CAMLOK INPUTS



96 - 20A 3P PIN CONNECTORS
 1 PER DIMMER ON 96 x 1.2 kw RACK
 2 PER DIMMER ON 48 x 2.4 kw RACK

AIRCRAFT PINS FOR DOORS

FORMED STEEL CORNER BRACKETS

3/4" PLY DOOR

SESSIONS PULL HANDLES (DO NOT USE TO LIFT)

HEAVY DUTY CASTERS



3/4 PLY & 18 GA STEEL ON LARGE RACK, 1/2" PLY & 18 GA STEEL ON SMALL RACK (KYDEX OPTIONAL)

Specifications:

General: L86 Portable Dimmer Racks are designed and constructed using advanced state-of-the-art technology to provide continuous service in touring situations. Dimmer-per-circuit flexibility is designed into the rack for use in any system configuration. Control electronics operate on most available control formats.

Frame: The frame is designed to accept standard rack mount components and protect them from the physical hazards of touring. All frame components are aluminum. Large rack front and rear frames are 2" x 2" x 1/8" tube joined by 1" square bar. Small frames are 1 1/4" x 1 1/4" x 1/8" joined by 3/8" square bar. Rack top and bottom are .125 aluminum welded to front, rear and end frame members for stability. Rack cladding and doors are set flush with frame members. Top and sides are 3/4" or 1/2" ply, secured by bolts to the frame through formed steel dress panels. Sides are backed by 18 ga. steel. Doors are secured by aircraft pins. Heavy duty 360° swivel casters are supplied. Large rack weight is 1200#, small rack 600#.

Input: Power input is via camlocks and protected by an appropriately sized breaker. Dual camlocks are provided for larger services. Phase connectors have power on indicator lights. Custom input panels available.

Dimmers: Racks shall have space for 24 or 48 L86 dimmer modules. Modules available are a quad (4) 1.2kw, dual (2) 2.4kw, single 6kw and double size 12kw. Module contains dimmer circuit breaker, toroidal filter and SSR (dual SCR) power cube. Optional features are load indicators, signal tracking indicators and bump or test buttons. See dimmer data sheet for further information.

Electronics: L86 electronics set consists of three control modules (EM-64) and a receiver (EM-R). The L86 rack also has spaces for an optional spare of each module. The receiver determines control format and dimmer numbering. The control modules control all dimmers on a phase. See electronics data sheet for more information. Analog backup patch and rack diagnostics are done on the optional CRT display panel.

Output: Standard panels with commonly used connectors are available. Panels using custom connector types and arrangements are designed to suit individual requirements. Patch panels for assignment of multi-pin circuits to 20A dimmers also add to the racks flexibility. All connectors are clearly marked with permanent labeling.

Additional Options: Additional optional features include a spares compartment with space for dimmer modules, computer keyboard and control cables.

