

192 Wall Pack

*Terminal version wall mounted
for permanent use.*



- Plug-in Dimmer Modules
- Plug-in Electronic Control Modules
- Single or three phase power
- Ambient cooling with front-to-rear air flow
- All electrical connections, both incoming and outgoing power and control, are made to factory labeled terminal strips
- Multiple packs may be installed in various configurations, each requiring minimum wall space
- The Pack has a lockable door, together with an electrostatic filter system.
- Instant change from analog to digital control signal
- Lightweight — easy to mount — only 65 lbs.
- Digital control signals LEE Colortran standard (RS422) or USITT standard (DMX512)

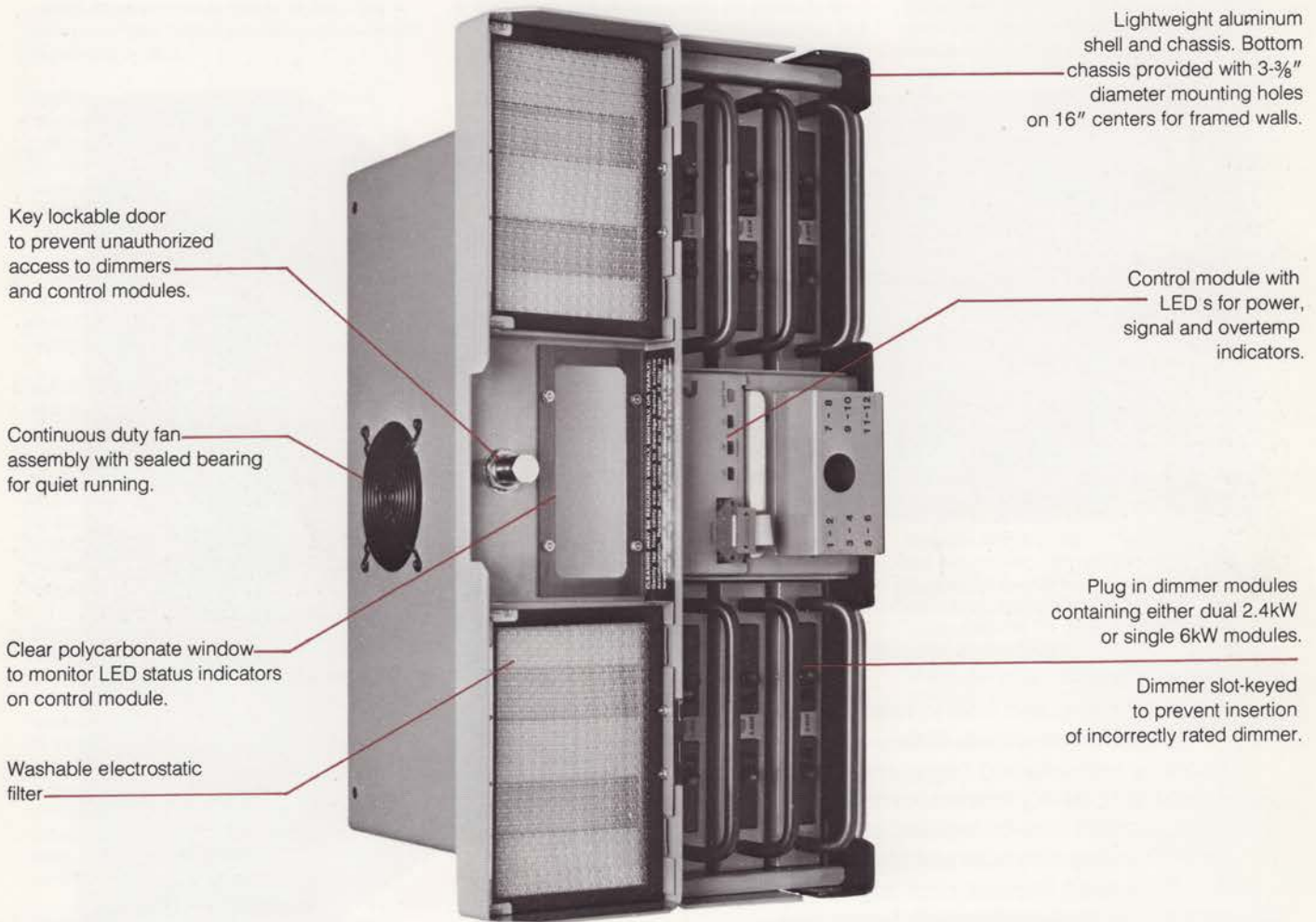


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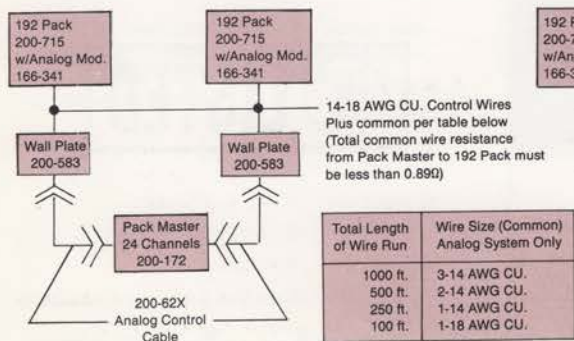


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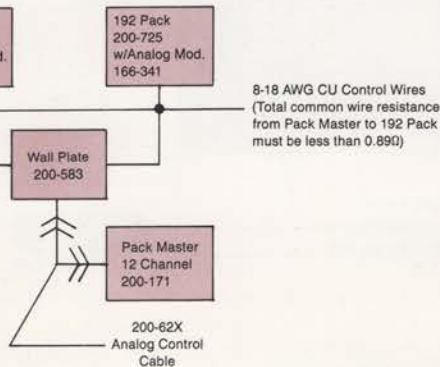
Unique Compact Design Easily Mounts To Any Surface!



ANALOG

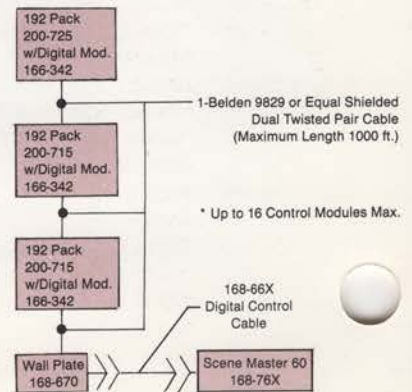


Analog 2.4kW Packs



Analog 6.0kW Packs

DIGITAL

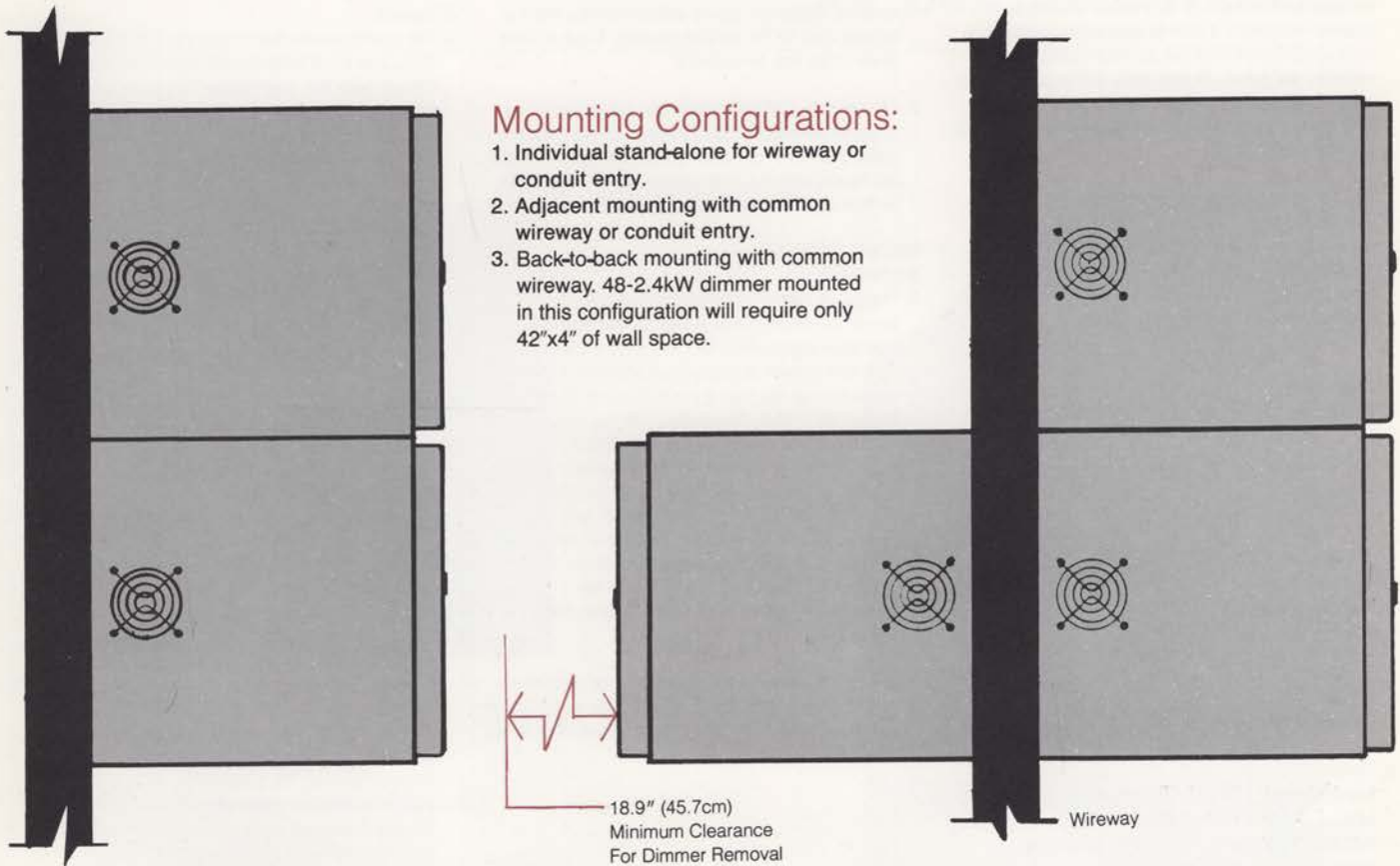


Digital 2.4kW &/or 6.0kW Packs

Recommended Control Systems:

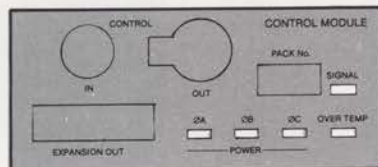
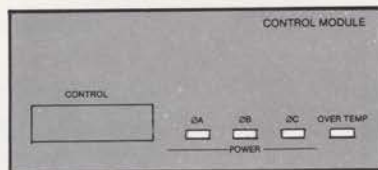
Analog Control - Pack Master 12 or 24

Digital Control - Patchman, Prestige Series or Scene Master 60



Control Modules

Catalog No.	Description
166-341	Analog Control Module
166-342	Digital Control Module (RS422)
166-344	Analog Control Module to interface with other manufactures control consoles; consult factory.
166-349	Analog Control Module to accept 10V signals
166-352	Digital Control Module to accept DMX-512 control signal (USITT digital signal standard)



192 Wall Pack

Catalog No.	Description
200-715	12-2.4kW Dimmers with terminal output
200-725	6-6.0kW Dimmers with terminal output

Note: The above catalog numbers define a complete wall mount dimmer pack assembly less the control module. This must be ordered separately, depending on control console selection.

ACCESSORIES:

A. Analog

Catalog No.	Description
200-583	Wall Plate (requires single gang back box, not supplied)
200-621	25' Control Cable

B. Digital

Catalog No.	Description
168-670	Wall Plate (requires single gang back box, not supplied)
168-661	25' Control Cable

Note: All control cables are supplied complete with factory-installed connectors.

Specifications

Specifications subject to change without notice.

192 DIMMER PACK TERMINAL VERSION

MECHANICAL

A. Dimmer pack shall be a wall mounted dead front structure no larger than 6"H x 21"D x 21"W and shall house all specified equipment. It shall be substantially framed with code gauge formed steel and aluminum structural members and panels. All steel parts shall be plated and/or painted. All exterior surfaces shall be finished in grey or black powder paint. Dimmer pack shall weigh less than 65 lbs including dimmers.

Packs shall be so designed as to allow for adjacent mounting or back-to-back mounting or mounting of multiple packs directly against contractors wireway. The rear section of the pack shall be utilized as a contractors wireway permitting easy and convenient means to mount and wire multiple packs. Knockouts in three sizes ($\frac{3}{4}$ ", $1\frac{1}{4}$ ", and $1\frac{1}{2}$ ") shall be provided for contractors entry.

B. Dimmer pack shall be constructed to permit insertion and removal of dimmer control modules without the use of tools. Packs requiring disassembly of pack frame for replacement of components shall not be acceptable.

C. Dimmer pack shall be designed to contain 6 plug-in 2.4kw dual dimmer modules or 6-6.0kw single dimmer modules. Each module position shall contain module support rails mechanically keyed to accept the modules specified. Dimmer Module positions shall contain flat copper bus bar power connectors and quad-spring-loaded tin plated beryllium-copper "banana" plug control connectors to accept the modules specified. Control Module position shall contain gold-finished printed-circuit card connectors configured to accept the control module.

D. Dimmer pack shall contain a continuous duty sealed-bearing low-noise fan assembly to maintain the temperature of all components at proper operating levels with all dimmers under full load provided ambient room temperature does not exceed 40 degrees C (104 degrees F). Pack shall be provided with thermal sensors to shut off all dimmers in the pack should safe-operating temperatures in the pack be exceeded. A signal shall be provided by the pack to operate a remote over-temperature LED if the thermal sensor has shut the pack down. Air intake shall be through the front of the pack and exhausted through the top cover.

E. Dimmer pack shall be provided with a lockable door to deny unauthorized access to dimmer and control modules. This door shall seal off airflow around edges, forcing the intake air to pass through a louvred face containing two washable electrostatic filters. Packs which are not provided with a lockable door and integral filters shall not be acceptable.

F. Base of pack shall contain holes for $\frac{3}{8}$ " diameter bolts (not included) for simple contractor installation onto a wall. Location of holes shall be on 16" centers for convenient wall mounting.

ELECTRICAL

A. Dimmer pack shall be designed to operate from the specified voltage and type of electrical service with line bussing sized for the specified capacity. Single or three phase power may be employed.

B. Dimmer pack shall be factory-tested and printed-circuit cards burned in at elevated temperatures and voltage for a period of 4 hours. The entire assembly shall be UL listed and labeled with a UL interrupting rating of 10,000A for dimmer packs designed to accept 120V Dimmer Modules.

CONTROL MODULES MECHANICAL

A. The plug-in control module shall be assembled on a formed aluminum chassis at least 0.090" thick and finished in grey powder paint. The chassis shall form the basic heat sink for the module and provide both air entry means through the front of the module and flow control through the module. The chassis shall also form the faceplate for the module and the switchboard that houses it, and the mounting means for all components. Each chassis shall be equipped with a handle for easy insertion and withdrawal. Except for mode-selector switching devices, pots and connectors, the module shall contain only solid-state electrical components with no moving parts. Each module shall be labeled with the manufacturer, catalog number and complete rating information.

B. Any control module or other printed circuit cards that contain active components and that do not plug-in and/or are behind panels requiring tools for removal shall not be acceptable.

ELECTRICAL DIGITAL MODULE (if required)

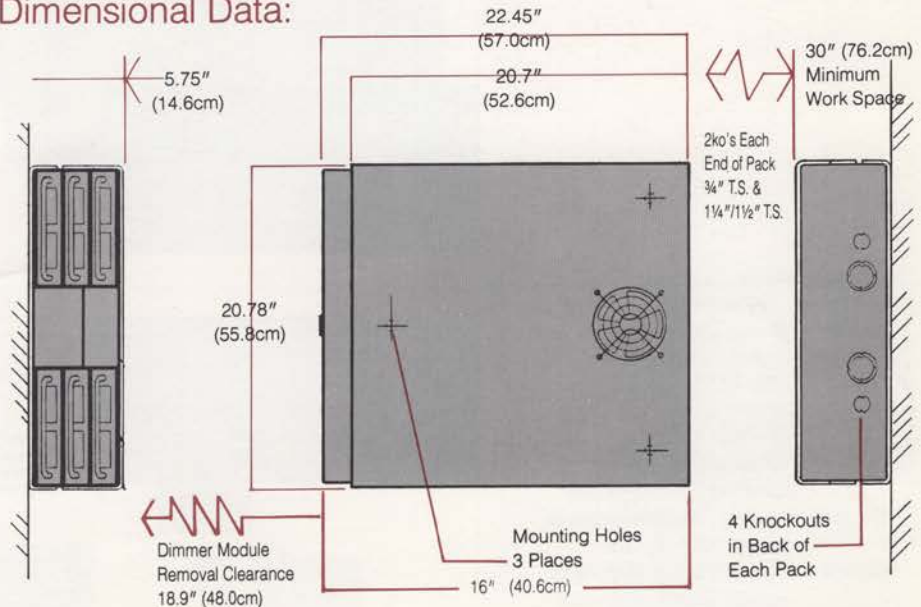
A. The control module shall contain two minimum 0.062" thick glass epoxy printed-circuit boards with plated through holes that plug together for ease of service. The printed-circuit card sandwich shall be provided with a gold-plated printed-circuit card connector. Appearing through and not attached to the faceplates shall be a "signal" LED, an "over-temp" LED, three "power" LED s which also indicate whether is present on the dimmer pack bussing. The faceplate components shall be identified with appropriate silk-screened legends. The Control Modules shall be completely interchangeable with comparable Control Modules in adjacent packs. Control modules shall not be interchangeable with any of the Dimmer Modules.

ANALOG MODULE (if required)

A. If a PackMaster 12, 24 or PackMaster 36 control console is specified, an analog control module shall be furnished in lieu of the digital and expansion modules specified elsewhere.

B. The analog control module shall contain one minimum 0.062" thick glass epoxy printed-circuit board with plated through holes. The printed-circuit card shall be provided with gold-plated connectors on the rear for connection to the pack. Appearing through and not attached to the faceplates shall be a "signal" LED, an "over-temp" LED and three "power" LED s which also indicate whether AC is present on the dimmer pack bussing. The faceplate components shall be identified with appropriate silk-screened legends. The Control Modules shall be completely interchangeable with comparable Control Modules in adjacent packs. Control modules shall not be interchangeable with any of the Dimmer Modules.

Dimensional Data:



Printed in U.S.A.

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