

# PMS610-24/48

## DC POWERED EXPANDABLE MAINFRAME

- \* Numerous User-Friendly Features
- \* State-of-the-art, Compact Design
- \* Low Power Consumption
- \* Complete Safety Protection form Short Circuits
- \* Fully Shielded Enclosure

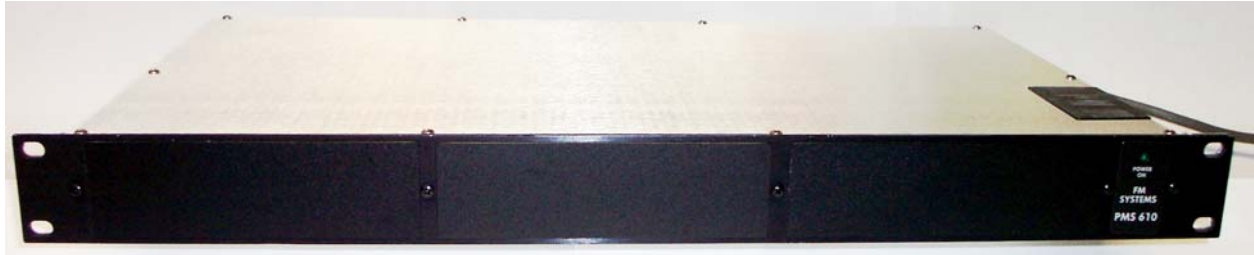
The versatile PMS610-24 Mainframe features the unique capability of housing and powering any combination of the Series 600 products that add up to three card spaces in a 1.75" H x 19" W rack space. Sophisticated design and low power consumption result in smaller modules that can be closely packed together without overheating, thus providing more equipment per rack space. Most FM SYSTEMS Series 600 modules occupy one card space, although some modules occupy two card spaces. The PMS610-24 Mainframe system can potentially supply up to nine stereo program services in the same head-end space as a 5.2" H x 19" W card cage. This lightweight and durable aluminum Mainframe is also fully enclosed to provide excellent shielding from RF fields and to prevent internal signals from interfering with nearby equipment. Individual modules are easily installed and/or removed through the bottom cover plate.

The power supply delivers -24 Volts DC to the product cards. The PMS610-24 uses a -24VDC input and the PMS610-48 uses a -48VDC input. A green LED on the front panel indicates a power-on condition. The power supply is protected from overload by an auto re-set circuit breaker. Additional features ensure safe power-down in the event of component failure and of overheating due to external causes.

For the operator's convenience, front and rear panel designation labels are provided with the equipment cards. The universal front panel pattern permits any card to be placed in any location. Blank designation panels for all unused card spaces ensure uniform appearance.

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### MECHANICAL

Width  
Height  
Depth  
Material  
Finish/Coating  
Front Panel Designations  
Rear Panel Designations

### SPECIFICATIONS

19"  
1.75" (one rack space)  
10.2" (including connectors)  
Aluminum  
Alodyne  
Acrylic  
Polyester

### ELECTRICAL

Input Voltage (PMS610-24)	-24VDC
Input Voltage (PMS610-48)	-48VDC
Input Current @ 500 mA Load	500 mA
Input Current Maximum	600 mA
Output Voltage	-24VDC
Output Current	600 mA