

## General

The 8200 Series delivers a strategic, modular solution for the distribution and conversion of audio and video signals. The two standard frames of the system are the MF-82/12 and MF-82/10. The MF82 frames occupies two vertical units of rack space. The MF-82/12 can house up to twelve 8200 Series cards and two power supplies while the MF-82/10 can house up to ten 8200 Series cards.

Headers for each amplifier slot are accessible from the rear of the frame. Terminal interface assemblies for the appropriate amplifier card plug into these headers to allow for input and output connections. When distributing signals on BNC terminations, the MF82/10 frame provides space for loop through inputs and 8 outputs per card, while the MF82/12 terminations have terminating inputs and 6 outputs.

The ingenious, hinged, quick release front panel facilitates rapid access to controls and tallies located on the front edge of the amplifier cards. During installation and system setup, the panels may be easily removed to afford unobstructed access to all cards and their controls and tallies.

Power supply redundancy is the MF82 frame is carries through the primary mains to the separate switch mode supplies. Two separately fused IEC AC power connectors and mating AC cords are provided. The switch mode supplies operate on 115 V/60 Hz or 230 V/50 Hz without any special setup and require 130 VA maximum.

## Setup and Installation

### Reference

A plug on reference assembly, MF82-REF, provides both video an ASE reference inputs is available as an option. In digital systems, it is recommended that all signals be genlocked to a common references. Installing the MF82-REF facilitates the distribution of the reference signal to all cards in the frame.

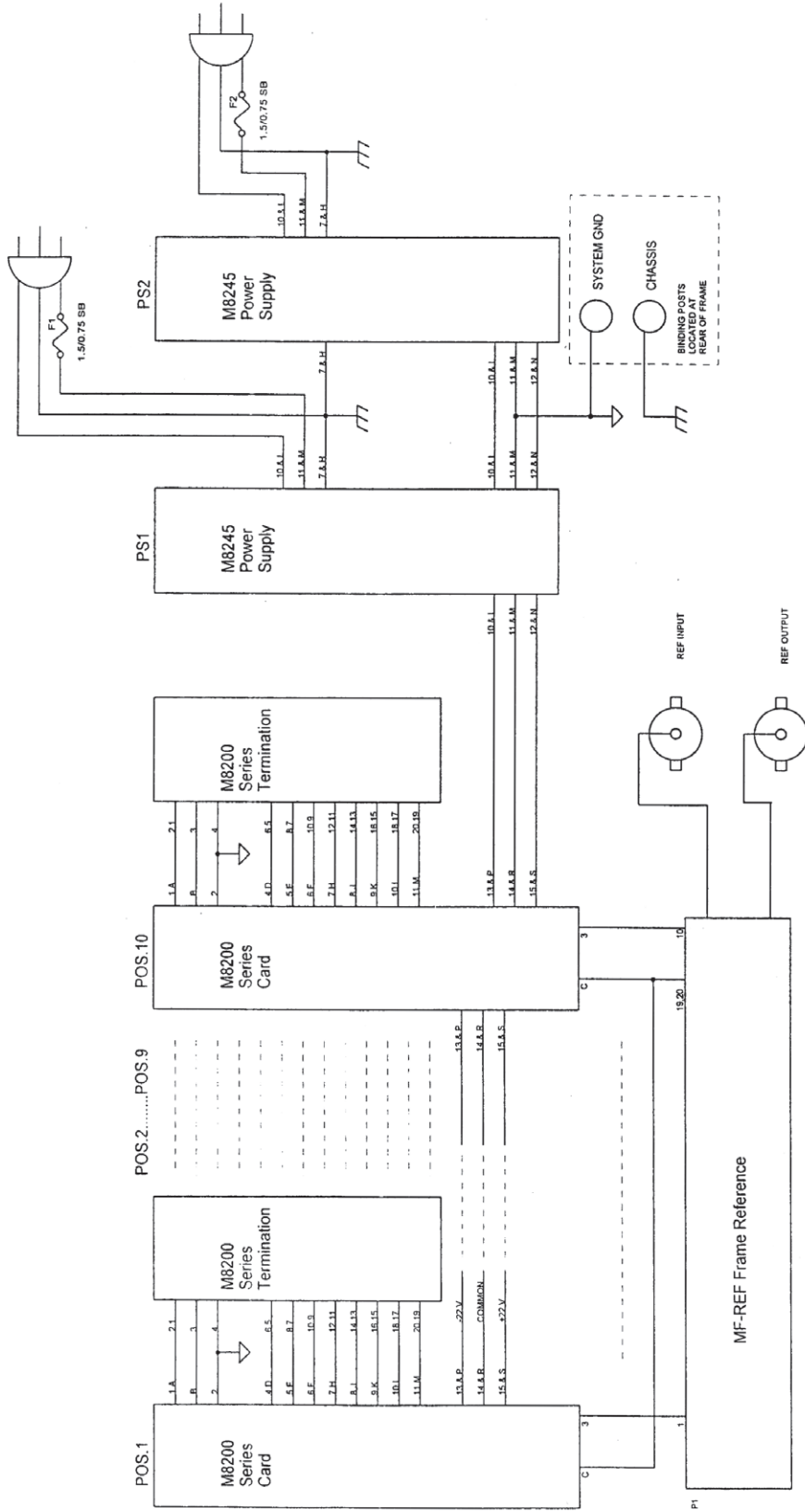
### Grounding

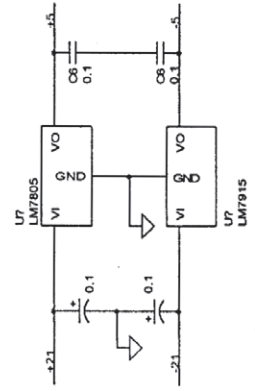
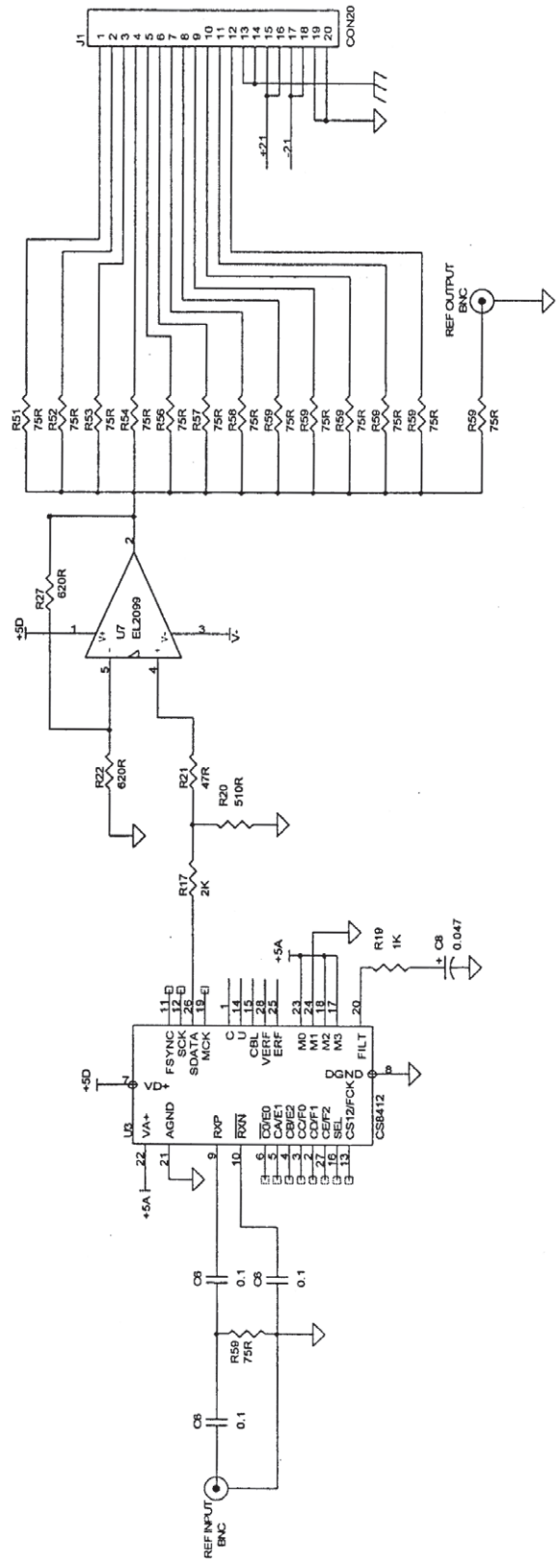
Separate binding posts for the frame chassis ground and the system signal ground are provided on the rear panel. The system ground is isolated from the chassis ground. The chassis ground should eventually be connected at the system stations ground point. The chassis ground should be connected to all other mounting frames and equipment rack frame, either directly from the chassis binding post, or via the neutral "U" ground connections (the green wire) in the primary AC wiring.

Connecting the chassis and signal ground to the system station ground will minimize the amount of leakage AC and induce RF current that may circulate through the audio signal ground system.

## Product Specifications

Card Capacity	MF-8210 - 10 x 8200 Series Cards MF-8212 - 12 x 8200 Series Cards
Power Requirements	110/230V 50/60Hz 130VA
Dimensions	19" w x 3.5" h x 13.25" d (482mm x 89mm x 336mm)
Weight (frame only)	16 lbs. 14 oz. (7.65kg)





## Warranty

All Ward-Beck Systems Ltd. Products are warranted against defective materials and workmanship for a period of one year from the date of shipment

Ward-Beck Systems Ltd. Will repair or replace, as its opinion and without charge, all said products or parts thereof which upon factory inspection prove to be defective during the warranty period. Provided that:

1. The original serial numbers are intact and have not been tampered with
2. The purchaser shall return any equipment or parts thereof to Ward-Beck Systems Ltd. Only after obtaining prior authorization and shipping instructions from the factory. (Ward-Beck Systems Ltd. Reserves the right to inspect or repair the equipment on the purchaser's premises)
3. The purchaser assumes the obligations for all expenses in connection with the shipping and return of such goods, once authorization has been obtained

This warranty does not cover items normally considered expendable, such as fuses and lamps.

This warrant does not cover damages caused by misuse, accident, neglect, unauthorized alteration, repair by unauthorized personnel, or damages caused by act of God, war, or civil insurrection.

In no event shall Ward-Beck Systems Ltd. Be liable for consequential damages. Ward-Beck Systems Ltd shall have the rights to final determination as to the application of this warranty.

Ward-Beck Systems Ltd. Reserves the right, at any time and without notice, to make changes in its equipment, components, specifications or design, as may be warranted by progress in state-of-the-art technology.

Ward-Beck Systems Ltd. Reserves the right to make design changes, additions to, and improvements in its products, without obligation to install such revisions in products previously manufactured.

The warranty set forth herein is in lieu of all other warranties expressed or implied, including the warranties of merchantability and fitness.

## Contact

### Ward-Beck Systems Ltd.

455 Milner Avenue, Unit 10  
Toronto, Ontario, Canada  
M1B 2K4

**Toll Free (North America) - 800.771.2556**

**International - 416.335.5999**

**Fax - 416.335.5202**

**Sales Inquiries - [sales@ward-beck.com](mailto:sales@ward-beck.com)**

**Product Support - [support@ward-beck.com](mailto:support@ward-beck.com)**