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## MODEL 3200MF MAINFRAME

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The Model 3200MF Mainframe provides a housing for and connections to and between the mother board, the power supplies, CPU components, and function cards in the IED 3200 Series Digital Processing System. It has slots for a total of nine 3208AD or 3208DA processing cards, one 3200CPU card, and the 3205 and 3215 power supply cards.

The analog audio input and output connections are made through the use of plug-in rear panel compression-type screw terminal connectors. Each connection is labeled to show its input/output function and connection assignment. The audio input and output connections actually reside on the 3208AD and 3208DA cards. When the cards are mounted in the 3200MF Mainframe, they are securely fastened using thumb screws (which must be tightened for the cards to work), and provide eight audio input connections per 3208AD card and eight audio output connections per 3208DA card.

The 3200MF Mainframe mounts in a standard 19" equipment rack, and it occupies 5 EIA rack spaces (8 3/4" of vertical space). The system can be powered from a 120 VAC or 240 VAC line, with any line frequency from 50 to 70 Hz.

The 3200MF Mainframe is an integral part of the 3200 System and is included with the 3200SYS-L System Kit.



Figure 1 - 3200MF Mainframe



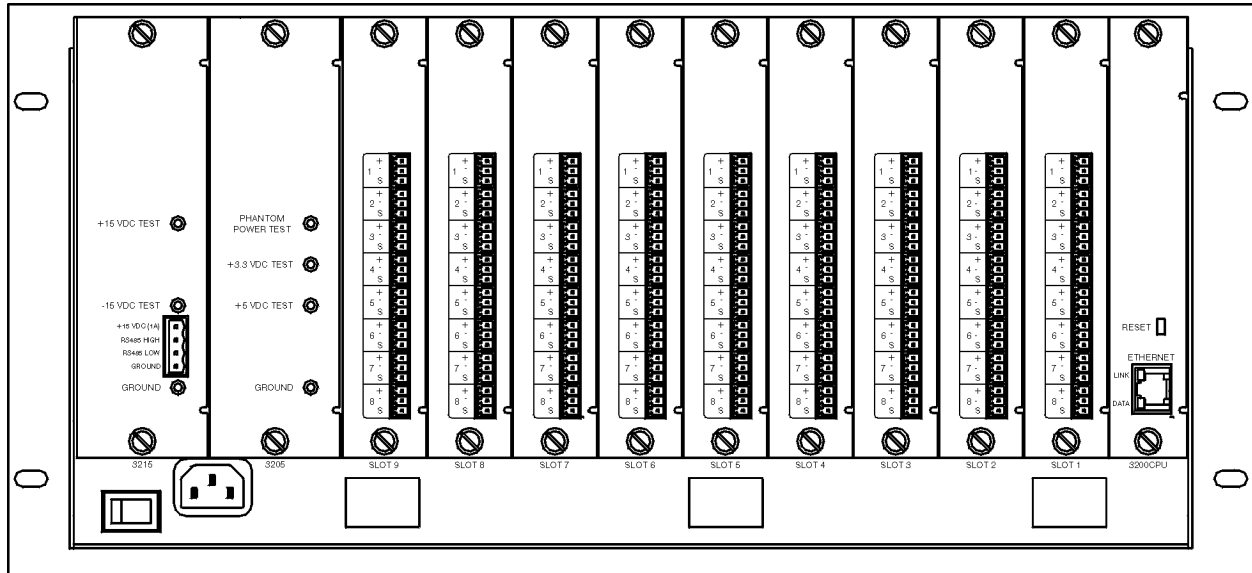


Figure 2 - 3200MF

Rear View with power supplies, CPU, and function cards plugged in

Note: The bottom thumb screws must be securely tightened for their respective cards to function.

*Innovative Electronic Designs, Inc. • 9701 Taylorsville Road • Louisville, Kentucky 40299 • USA  
 Phone: (502) 267-7436 • Fax: (502) 267-9070 • Internet: <http://www.iedaudio.com>*

## SPECIFICATIONS

### CONTROLS

- |                           |                    |
|---------------------------|--------------------|
| 1. Power On/Off . . . . . | Rocker-type switch |
|---------------------------|--------------------|

### INDICATORS

- |                            |                |
|----------------------------|----------------|
| 1. Power . . . . .         | Blue LED       |
| 2. CPU Status . . . . .    | Tricolor LED   |
| Normal Operation . . . . . | Blinking Green |
| Data Transfer. . . . .     | Orange         |
| Fault . . . . .            | Red            |
| 3. Fault Status. . . . .   | Tricolor LED   |
| Normal Operation . . . . . | Blinking Green |
| Fault Condition. . . . .   | Orange         |
| Fault Condition . . . . .  | Red            |

### CONNECTORS

- |  |                             |
|--|-----------------------------|
| 1. Serial Communications Port (for future use) . . . . . | 9-pin Sub D, Female         |
| Located on front panel                                   |                             |
| 2. AC Power Cord . . . . .                               | Belden 17250, or equivalent |

### COOLING

- |                          |                        |
|--------------------------|------------------------|
| 1. Fan (3 each). . . . . | Panasonic FBA-09A24H1A |
| 92 mm, 24 VDC, 56.9 cfm  |                        |

### MECHANICAL

- |   |                   |
|---|-------------------|
| 1. Size (maximum overall dimensions as viewed from front) |                   |
| Height . . . . .  | (22.2 cm) 8.75"   |
| Width . . . . .   | (48.3 cm) 19.0"   |
| Depth . . . . .   | (39.4 cm) 15.5"   |
| 2. Weight. . . . .  | (7.48 kg) 16.5 lb |

### ENVIRONMENTAL

- |  |                                    |
|--|------------------------------------|
| 1. Operating Temperature Range . . . . . | (+32 °F - +104 °F) 0 °C - +40 °C   |
| 2. Storage Temperature Range . . . . .   | (-40 °F - +158 °F) -40 °C - +70 °C |



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