

### Features

- Master Mic Control
- 16 Switch Control Points
- Dual Channel DMR and Audio Interface
- High Speed Communication Loop
- 25/50/100 Dual or Single Watt Amplifier (200W Single Channel optional), Dual/Single Amplification
- Configuration for 4 or 8 Output Zones
- 120 VAC Power Supply and Battery Charger
- Live Microphone Override of Message and Tone
- Compatible High Reliability, No Maintenance, Fully Supervised
- Easy Installation and Operation
- Studio Quality Voice Recordings Built in Alarm and Alert Signals



6911-1446:100



### Description

The HMX MP and DP panels operate with any Fire Alarm Control Panel (FACP) and provide 25, 50 or 100 Watts of speaker power. The EVAX panel has its own power supply and battery charger. The Panel must be wired with 120 or 240 VAC and standby batteries connected. The HMX panel is housed in a surface or semi-flush mounted backbox with a hinged and key locked door.

The HMX-MP Master Panel (HMX-MP) utilizes a Master Mic control with 16 switch control points along with a dual channel DMR and a high speed communication loop. Maximum system configuration allows up to 1,000 switch/input points, and an integrated fire phone is available as an option.

The HMX-DP Distributed Panel has 4 output zones available and can be configured for 8. The panel has dual channel audio interface and dual (25/50/100W available) or single (25/50/100/200W available) channel amplification options. An integrated Fire Phone is optional, as well as 4 circuits expandable to 8, 12 or 16, with a maximum system configuration of up to 256 HMX-DP panels.

### Technical Specifications

Dimensions	14.5" x 27" x 4" (W x H x D)
Primary Power	120 VAC
Battery Power	24 VDC
Electrical Ratings	All circuits @ 24VDC
Voltage	5V peak to peak max
Frequency	1.024MHz
Current	50mA max.
Impedance	120 Ohms (max between panels)
Battery Charging	EVX-25/50: 800mA, maximum battery size 17Ah EVX-100: 1A, maximum battery size 24Ah
Communications Bus	RS-485 standard, 1M Baud data rate, low capacitance cable
Color	Charcoal Grey Red (Optional)

## HMX-MP Master Panel Configurations

- HMX-MP16 Master Panel, 16 Switch Control
- HMX-MP32 Master Panel, 32 Switch Control
- HMX-MP48 Master Panel, 48 Switch Control
- HMX-MP64 Master Panel, 64 Switch Control
- HMX-MP80 Master Panel, 80 Switch Control
- HMX-MP96 Master Panel, 96 Switch Control

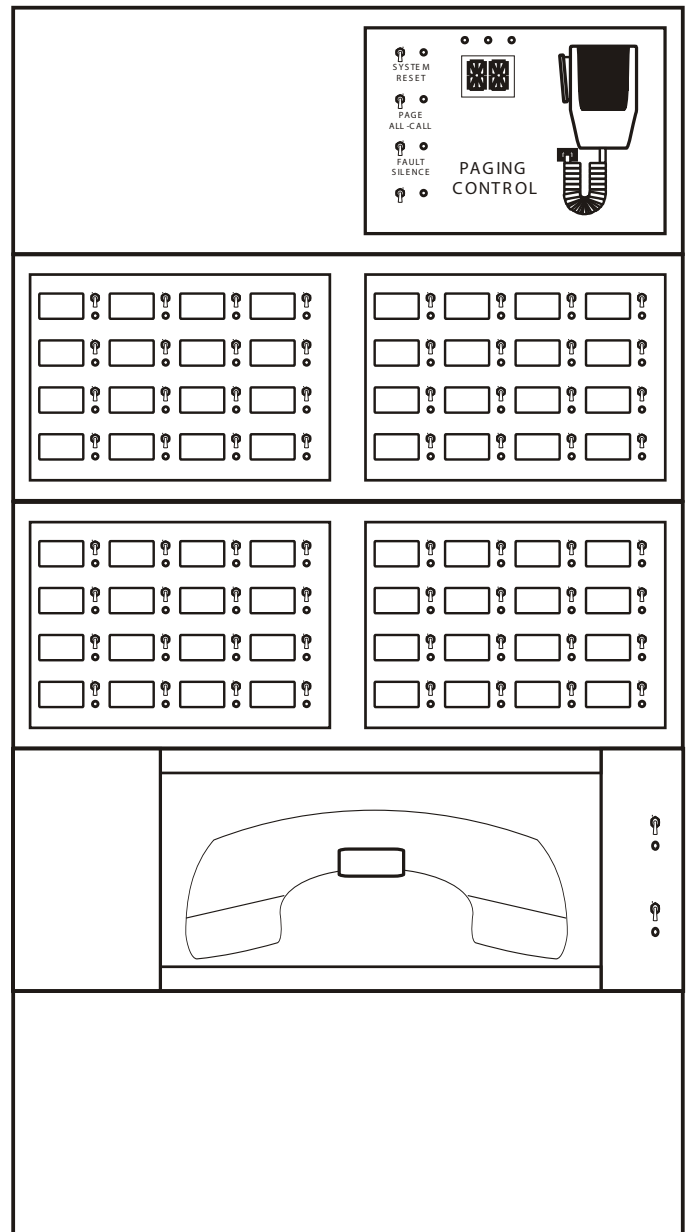
- HMX-MP16/P Master Panel, 16 Switch Control,  
Master Fire Phone
- HMX-MP32/P Master Panel, 32 Switch Control  
Master Fire Phone
- HMX-MP64/P Master Panel, 64 Switch Control  
Master Fire Phone
- HMX-MP80/P Master Panel, 80 Switch Control  
Master Fire Phone
- HMX-MP96/P Master Panel, 96 Switch Control  
Master Fire Phone

### Panel Options

*Cards may be added as job requirements demand.*

- MX-MFP Master Fire Phone  
Enables system to incorporate 2 way communication. Included with /P panels.
- MX-SSC Switch Scan Card  
Included in basic panels, up to 7 additional cards may be added.
- MX-SLC Switch LED Card  
16 Switch LED Bank, up to 8 per MX-SSC.
- MX-II Audio Module Interface Card  
One included with basic panel, additional cards give 16 control inputs each. Maximum of 8.

HMX-MP Master Panel Current for Components		
Component	Standby	Alarm
DCC	83 mA	83 mA
ASC	23 mA	33 mA
MMC	46 mA	46 mA
MFP	9 mA	9 mA
IOI	18 mA	19 mA
SSC	28 mA	28 mA
SLC	0.2 mA	16 mA



## HMX-DP Distributed Panel Configurations

HMX-DPS25 Distributed Panel, Single Channel, 25W  
 HMX-DPS50 Distributed Panel, Single Channel, 50W  
 HMX-DPS100 Distributed Panel, Single Channel, 100W

HMX-DPS25/P Distributed Panel, Single Channel, 25W, Fire Phone

HMX-DPS50/P Distributed Panel, Single Channel, 50W, Fire Phone

HMX-DPS100/P Distributed Panel, Single Channel, 100W, Fire Phone

HMX-DP25 Distributed Panel, Dual Channel, 25W

HMX-DP50 Distributed Panel, Dual Channel, 50W

HMX-DP100 Distributed Panel, Dual Channel, 100W, Single Channel 200W

HMX-DP25/P Distributed Panel, Dual Channel, 25W, Fire Phone

HMX-DP50/P Distributed Panel, Dual Channel, 50W, Fire Phone

HMX-DP100/P Distributed Panel, Dual Channel, 100W, Fire Phone, Single Channel 200W

## Panel Options

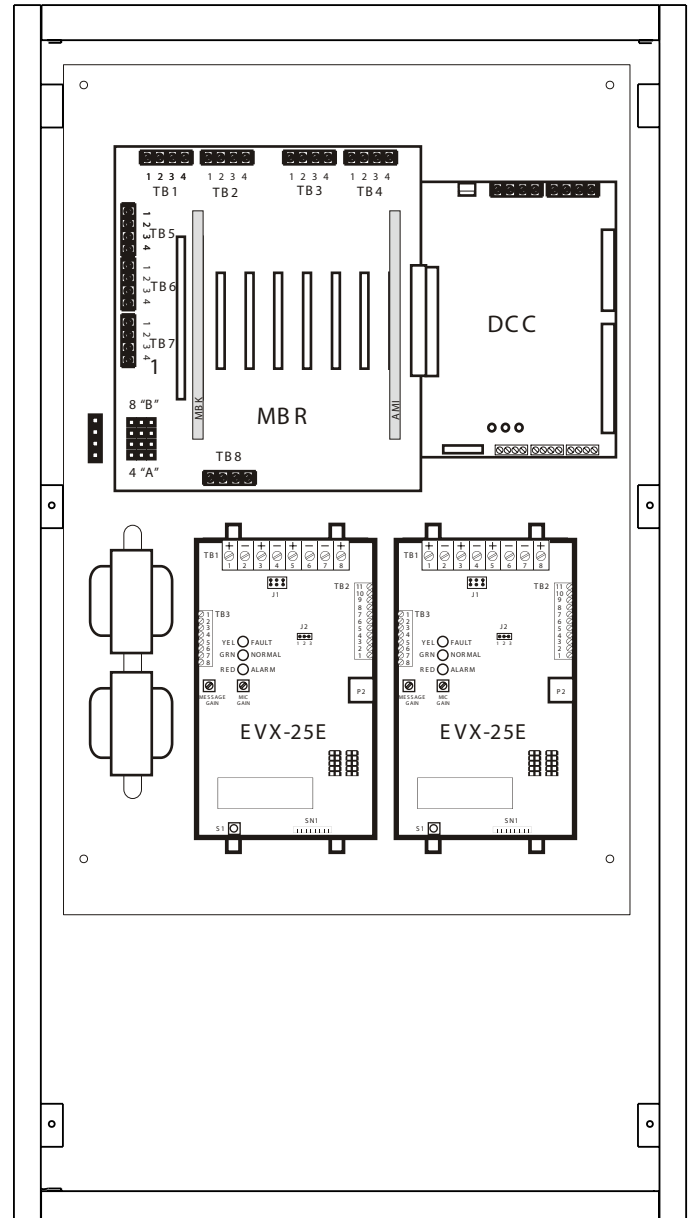
*Cards may be added as job requirements demand.*

MX-MBK Motherboard Relay card  
 Expands MBR output to 8 Class B or 4 Class A circuits.

MX-FPI Fire Phone Interface Card  
 Included in /P panels, up to 3 additional cards may be added.

MX-FPO Fire Phone Output Card  
 Used with additional MX-FPIs for termination.

MX-II Audio Module Interface Card  
 Included with basic panel, additional cards give the ability to control multiple modules.



HMX-DP Distributed Panel Current for Components		
Component	Standby	Alarm
DCC	82 mA	84 mA
MBR	31 mA	31 mA
AMI	22 mA	22 mA
FPI	41 mA	41 mA
MBK	3 mA	31 mA



by POTTER

### Ordering Information HMX-MP

Description	Stock No.
Master Panel, 16 Switch Control	HMX-MP16
Master Panel, 32 Switch Control	HMX-MP32
Master Panel, 48 Switch Control	HMX-MP48
Master Panel, 64 Switch Control	HMX-MP64
Master Panel, 80 Switch Control	HMX-MP80
Master Panel, 96 Switch Control	HMX-MP96
Master Panel, 16 Switch Control, Master Fire Phone	HMX-MP16/P
Master Panel, 16 Switch Control, Master Fire Phone	HMX-MP32/P
Master Panel, 16 Switch Control, Master Fire Phone	HMX-MP64/P
Master Panel, 16 Switch Control, Master Fire Phone	HMX-MP80/P
Master Panel, 16 Switch Control, Master Fire Phone	HMX-MP96/P

### Ordering Information HMX Panel Options

Description	Stock No.
Master Fire Phone	MX-MFP
Switch Scan Card	MX-SSC
Switch LED Card	MX-SLC
Audio Module Interface Card	MX-II
Motherboard Relay Card	MX-MBK
Fire Phone Interface Card	MX-FPI
Fire Phone Output Card	MX-FPO
Audio Module Interface Card	MX-AMI

### Ordering Information HMX-DP

Description	Stock No.
Distributed Panel, Single Channel, 25W	HMX-DPS25
Distributed Panel, Single Channel, 50W	HMX-DPS50
Distributed Panel, Single Channel, 100W	HMX-DPS100
Distributed Panel, Single Channel, 25W, Fire Phone	HMX-DPS25/P
Distributed Panel, Single Channel, 50W, Fire Phone	HMX-DPS50/P
Distributed Panel, Single Channel, 100W, Fire Phone	HMX-DPS100/P
Distributed Panel, Dual Channel, 25W	HMX-DP25
Distributed Panel, Dual Channel, 50W	HMX-DP50
Distributed Panel, Dual Channel, 100W, Single Channel 200W	HMX-DP100
Distributed Panel, Dual Channel, 25W, Fire Phone	HMX-DP25/P
Distributed Panel, Dual Channel, 50W, Fire Phone	HMX-DP50/P
Distributed Panel, Dual Channel, 100W, Fire Phone, Single Channel 200W	HMX-DP100/P