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 Voice Master and Distributed Pnaels (VMDP) 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 switches/ 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

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Dimensions	14.5" x 27" x 4' (W x H x D)
Primary Power	120 VDC
Battery Power	24 VDC
Electrical Rating	All circuits @ 24 VDC
Voltage	5V peak to peak max
Frequency	1.024 MHz
Current	50mA max
Impedance	120 Ohms (max between panels)
Battery Charging	x25-x50: 800mA, max battery size 17 Ah x100: 1A, maximum battery size 24 Ah
Communication Bus	RS-485 Standard, 1M Baud data rate, low capacitance cable
Color	Charcoal Grey Red (Optional)

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

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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-MP112	Master Panel, 112 Switch Control
HMX-MP128	Master Panel, 128 Switch Control
HMX-MP144	Master Panel, 144 Switch Control
HMX-MP160	Master Panel, 160 Switch Control, 2 Cabinets
HMX-MP176	Master Panel, 176 Switch Control, 2 Cabinets
HMX-MP192	Master Panel, 192 Switch Control, 2 Cabinets
HMX-MP208	Master Panel, 208 Switch Control, 2 Cabinets
HMX-MP224	Master Panel, 224 Switch Control, 2 Cabinets
HMX-MP240	Master Panel, 240 Switch Control, 2 Cabinets
HMX-MP256	Master Panel, 256 Switch Control, 2 Cabinets

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
HMX-MP112/P	Master Panel, 112 Switch Control, Master Fire Phone
HMX-MP128/P	Master Panel, 128 Switch Control, Master Fire Phone
HMX-MP144/P	Master Panel, 144 Switch Control, Master Fire Phone
HMX-MP160/P	Master Panel, 160 Switch Control, Master Fire Phone
HMX-MP176/P	Master Panel, 176 Switch Control, Master Fire Phone
HMX-MP192/P	Master Panel, 192 Switch Control, Master Fire Phone
HMX-MP208/P	Master Panel, 208 Switch Control, Master Fire Phone
HMX-MP224/P	Master Panel, 224 Switch Control, Master Fire Phone
HMX-MP240/P	Master Panel, 240 Switch Control, Master Fire Phone
HMX-MP256/P	Master Panel, 256 Switch Control, Master Fire Phone

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
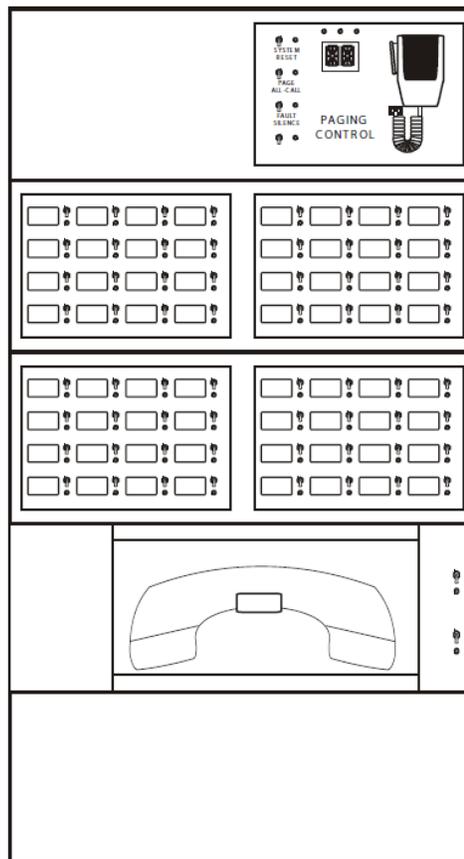
Panel Options

Cards may be added as job requirements demand

MX-MFP	Master Fire Phone Enables system to incorporated 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

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HMX-DP Distributed Panel Configurations

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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
HMX-DPS100-42	Distributed Panel, Single Channel, 100W
HMX-DP100-42	Distributed Panel, Dual Channel, 100W
HMX-DPS100/P-42	Distributed Panel, Single Channel, 100W, Fire Phone
HMX-100P-42	Distributed Panel, Dual Channel, 100W, Fire Phone
HMX-DP200-42	Distributed Panel, Dual Channel, 200W
HMX-DP200/P-42	Distributed Panel, Dual Channel, 200W, Fire Phone

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 One included with basic panel; additional cards give the ability to control multiple modules
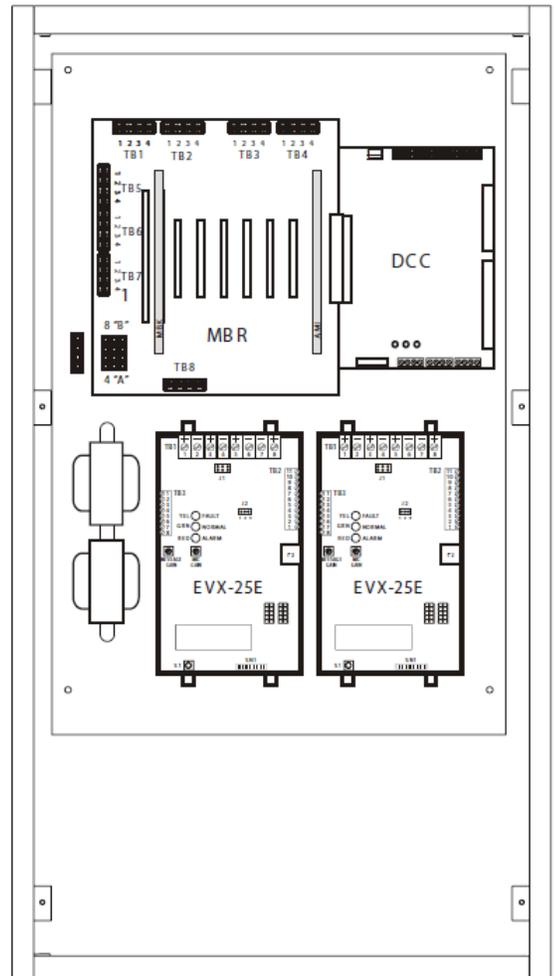
HMX-DP Distributed Panel Current for Components		
Component	Standby	Alarm
DCC	82 mA	84 mA
MBR	31 mA	31 mA
AMI	22 mA	22 mA
FPI	41 mA	41 mA
MBK	3 mA	31 mA

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