

CW-HMX UL voice evacuation system



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UL voice evacuation system

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Network audio system CW-HMX

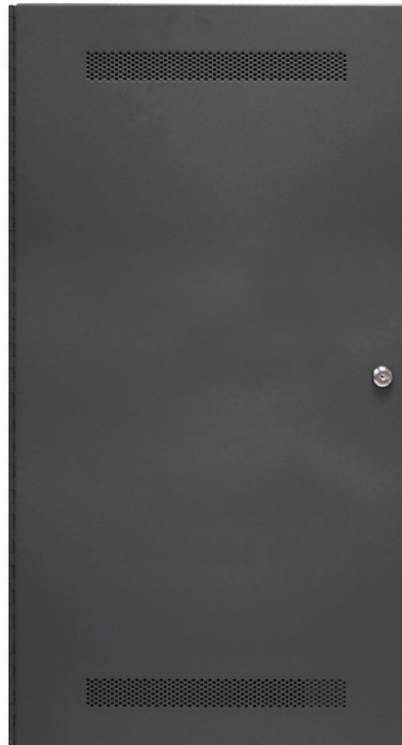
Master panel

CW-HMX-MP



Distributed panel

CW-HMX-DP



System configuration

Master panel (CW-HMX-MP)

- Master mic control
- 16 Switch control points
- Dual channel DMR
- High speed communication loop

Optional

- Integrated master fire phone
- Area-of-refuge
- Fiber optic network capable

Maximum system configuration

- Up to 1000 switch/input points

Distributed panel (CW-HMX-DP)

- 4 Output zones (may be configured for 8)
- Dual channel audio interface
- Dual/Single channel amplification

Amplifier options

- 25 / 50 / 100W dual channel
- 25 / 50 / 100 / 200W single channel

Optional

- Integrated fire phone
- 4 circuits expandable to 8, 12 or 16
- Area-of-refuge
- Fiber optic network capable

Maximum system configuration

- Up to 256 distributed panels (CW-HMX-DP)

MEA
277-96-E



Master panel configurations

Description	Code
Master panel, 16 Switch control	CW-HMX-MP16
Master panel, 32 Switch control	CW-HMX-MP32
Master panel, 48 Switch control	CW-HMX-MP48
Master panel, 64 Switch control	CW-HMX-MP64
Master panel, 80 Switch control	CW-HMX-MP80
Master panel, 96 Switch control	CW-HMX-MP96
Master panel, 16 Switch control, Master fire phone	CW-HMX-MP16/P
Master panel, 32 Switch control, Master fire phone	CW-HMX-MP32/P
Master panel, 64 Switch control, Master fire phone	CW-HMX-MP64/P
Master panel, 80 Switch control, Master fire phone	CW-HMX-MP80/P
Master panel, 96 Switch control, Master fire phone	CW-HMX-MP96/P

Master panel configurations

Description	Code
Distributed panel, Single channel, 25W	CW-HMX-DPS25
Distributed panel, Single channel, 50W	CW-HMX-DPS50
Distributed panel, Single channel, 100W	CW-HMX-DPS100
Distributed panel, Single channel, 25W, Fire phone	CW-HMX-DPS25/P
Distributed panel, Single channel, 50W, Fire phone	CW-HMX-DPS50/P
Distributed panel, Single channel, 100W, Fire phone	CW-HMX-DPS100/P
Distributed panel, Dual channel, 25W	CW-HMX-DP25
Distributed panel, Dual channel, 50W	CW-HMX-DP50
Distributed panel, Dual channel, 100W, Single channel 200W	CW-HMX-DP100
Distributed panel, Dual channel, 25W, Fire phone	CW-HMX-DP25/P
Distributed panel, Dual channel, 50W, Fire phone	CW-HMX-DP50/P
Distributed panel, Dual channel, 100W, Fire phone, Single channel 200W	CW-HMX-DP100/P

Technical characteristics

Primary power: 120 VAC / 230 VAC
 24 VDC battery power
 Electrical ratings: All circuits @ 24VDC.

Master panel	Standby		Alarm	
DCC	80 mA		80 mA	
ASC	30 mA		30 mA	
MFP	10 mA		10 mA	
SSC	25 mA		25 mA	
SLC	6 mA		6 mA	
MMC	45 mA		45 mA	
IOI	20 mA		20 mA	
Backbox Dim:	14.5 x 27 x 4" w h d			
Color:	Charcoal Grey			

Note: Specifications are subject to change without notice. Specifications are provided for information only and no responsibility is assumed by Eaton for their use.

Panel options: Cards may be added as job requirements demand

Description	Code	
Switch scan card	CW-MX-SSC	Included with IP panels. Enables system to incorporate 2 way communication.
Switch LED card	CW-MX-SLC	Included in basic panels, up to 7 additional cards may be added.
Input interface card	CW-MX-II	16 Switch LED bank, up to 8 per CW-MX-SSC.
Master fire phone	CW-MX-MFP	One included with basic panel, additional cards give 16 control inputs each. Maximum of 8.

Panel options: Cards may be added as job requirements demand

Description	Code	
Motherboard relay card	CW-MX-MBK	Expands MBR output 8 Class B or 4 Class A circuits
Fire phone interface card	CW-MX-FPI	Included in /P panels, up to 3 additional cards may be added
Fire phone output card	CW-MX-FPO	Used with additional MX-FPIs for termination
Audio module interface	CW-MX-AMI	Included with basic panel, additional cards give the ability to control multiple

Communications Bus: RS-485 standard, 1M Baud rate, Low capacitance cable.

Voltage: 5V peak-to-peak max. Frequency: 1.024MHz
 Current: 50mA max. Impedance: 120 Ohms (max. imp. between panels)

Distributed panel	Standby		Alarm	
DCC	55 mA		55 mA	
MBR	10 mA		55 mA	
AMI	10 mA		10 mA	
FPI	13 mA		13 mA	

Battery charging: Maximum charging current from CW-EVX-25/50 is 800mA. Maximum battery size is 17Ah
 CW-EVX-100 is 1A. Maximum battery size is 24Ah

Fire phone equipment CW-HMX



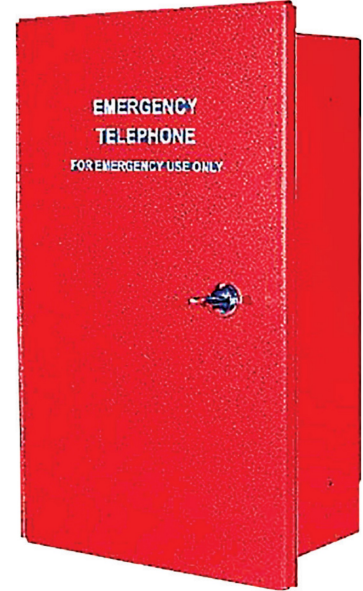
CW-MX-FJ



CW-MX-FH



CW-MX-TC
(Shown with 6 CW-MX-FH)



CW-MX-FS
CW-MX-WS

Description

Fire phone accessories give the CW-HMX voice system two way communication capability.

Fire phone jacks are mounted on a single gang plate.

Fixed telephone and warden stations are available in Surface/Semi-flush mount cabinet with a thumb turn latch.



277-96-E



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Product codes

Description	Code
Fire phone jack plate Brushed stainless steel single gang plate	CW-MX-FJ
Fire phone handset Color - red 6 mount in MX-TC cabinet)	CW-MX-FH
Fire phone handset cabinet Holds 6 MX-FH portable handset Cabinet: Charcoal grey - std. -R red (Surface/Semi-flush mount/Key lock 27 x 14-1/2 x 4" h-w-d)	CW-MX-TC
Fire phone station Coil cord / Thumb turn latch Cabinet: Red (Surface/Semi-flush mount 12-3/4 x 7-1/4 x 3-3/4" h-w-d)	CW-MX-FS
Warden station Armored cable / Thumb turn latch Cabinet: Red (Surface/Semi-flush mount 12-3/4 x 7-1/4 x 3-3/4" h-w-d)	CW-MX-WS

