# VM-3000 Series Integrated Voice Evacuation System





# Voice Alarm System Amplifier

# VM-3240VA



- Four mic/line inputs and two BGM inputs
- Provides from 1-6 zones of output at full power
- Non-emergency front panel volume controls for BGM/Program input
- Zoned emergency paging from front panel microphone
- Zoned non-emergency paging using the optional RM-200MPS
- UL 2572 and UL 864 listed





## ❖VM Extension Amplifier

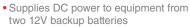
#### VM-3240E



- · Auxiliary line input for local amp input
- · Adds additional 1-6 zones to system at full power
- Link up to 9 extension amplifiers to one VM-3240VA for a total of 60 zones at 2400 Watts (non-UL) or 2000 Watts (UL)
- Each additional extension amplifier provides 8 more GPIO contacts, 6 Emergency input contacts, and one additional Status output

# Emergency Power Distribution and Monitoring

### VX-2000DS



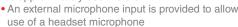
- Monitors power and automatically switches to DC upon mains failure
- Monitors battery status
- Fully monitored by the system



#### Remote Microphone

#### RM-200MPS





- Internal microphone compression circuitry
- TALK button may be PTT or lock-type (selectable by Dip Switch)





# VM-3000 Series Integrated Voice Evacuation System Optional Accessories

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## ❖Remote Microphone Extension Unit

## **RM-210**

• Up to four can be connected to a remote microphone for up to 50 zone selection buttons

Emergency activation button is equipped with a cover



# Fireman's Microphone Extension

### RM-320F



· Zone selection or failure acknowledgement function can be assigned to such function keys



#### Meanwell Power Supply

# RCP-100024



 24V- 40A Hot-swappable power supply (Requires RCP-1UIU Frame)

## ❖Meanwell Power Supply Frame

## RCP-1UIU



• 1U Power Supply Frame for 3 RCP-100024

### Fireman's Microphone

#### RM-300MFPS

· Equipped with an emergency activation key, permitting pre-recorded evacuation and alert announcements to be activated, and microphone announcements to be made in emergency situations



#### Rail Power Supply

#### SDR-480-24

• 24V- 20A Fanless- DIN Rail Power Supply

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# SX-2000 Series Audio Management System Optional Accessories

#### ❖Terminal Unit

#### **RM-200RJ**

- Designed to convert the RJ45 connector into a screw terminal block
- Used to connect between a trunk cable and a feeder cable in wiring a remote microphone
- Built-in indicator shows the voltage status of DC power cable



# ❖Power Amplifier Input Module

#### **VP-200VX**

• Designed to be used in conjunction with the VP-2xxx power amplifiers



### ❖Meanwell Power Supply

#### RCP-100024



• 24V- 40A Hot-swappable power supply (Requires RCP-1UIU Frame)

# ❖Meanwell Power Supply Frame



• 1U Power Supply Frame for 3 RCP-100024



## Emergency Power Supply Unit

#### VX-2000DS



- Supports 2x/12v battery units for backup supply
- Distribution for 6 DC units

## ❖Rail Power Supply

#### SDR-480-24

• 24V- 20A Fanless- DIN Rail Power Supply

#### Specifications

	RM-200RJ
Applied Voltage / Withstand Voltage	Under 40V / 1A
Connection Cable and Connector	Monitor terminals: terminal No 7 (+) and terminal No 8 (–), extinguish voltage: 14V or less, lighting voltage: 21V or more, indicator ON/OFF switchable
Connector / Terminal	RJ45 connector: 1 / M3 screw terminal (10 pins), distance between barriers: 6.62 mm
Finish	Surface-treated steel plate, black, paint
Dimensions (W x H x D)	3.3" x 4.6" x 1" / 84 x 116 x 25.7 mm
Weight	8.8 oz / 250 g

	VP-200VX
Power Source	Supplied from VP-2064, VP-2122, VP-2241 or VP-2421
Current Consumption	30 mA or less
Power Amplifier Link	RJ45 female connector for connecting the VX-200SP, VX-200SZ Audio Output module, or SX-2100AO. Twisted-pair straight cable (TI A/EI A-568A standard)
Finish	Panel: Surface-treated steel plate
Dimensions	88 (W) x 25.8 (H) x 53.2 (D) mm
Weight	50 g
Applicable Model	VP-2064, VP-2122, VP-2241, VP-2421

	VX-2000DS
Power Source	120VAC, 60 Hz
Power Consumption	240W max.
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Applicable Battery	Panasonic LC-X1265PG / APG (65Ah) (12V x 2 or 4)
Charging Method	Trickle charging
Charging Current	5A max
Charging Output Voltage	27.3V ±0.3V (at 25 °C) Temperature correction coefficient: -40 mV/ °C
Power Supply Input	6 / M4 screw terminal
DC Power Output	6 (25A max. each) M4 screw terminal, distance between barriers: 11 mm
Control Connector	RJ45 female connector for connecting the VX-2000SF. Twisted-pair straight cable (TIA/EIA-568A standard) Type of control signal: Battery check, AC power status, DC power status, charging circuit failure, and battery failure
Battery Connection	1 pair of positive and negative terminals, applicable cable diameter: AWG 6 – AWG 0 1/0
Finish	Panel: Surface-treated steel plate, black, 30% gloss, paint
Dimensions (W x H x D)	19" x 3.5" x 14.9" / 482 x 88.4 x 377.6 mm (2U)
Weight	23 lbs / 10.5 kg