

VM-3000 Series Integrated Voice Evacuation System



❖ Voice Alarm System Amplifier VM-3240VA



- System Controller (one per system)
- 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



- Supplies DC power to equipment from two 12V backup batteries
- Monitors power and automatically switches to DC upon mains failure
- Monitors battery status
- Fully monitored by the system



❖ Remote Microphone RM-200MPS



- Up to four remote microphones can be connected but the maximum connection length for all cables is approximately 800 meters
- An external microphone input is provided to allow use of a headset microphone
- 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

❖ 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

- By connecting the RM-320F Fireman's Microphone Extension to the RM-300MFPS, the number of function keys can be expanded
- 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

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 RCP-1UIU



- 1U Power Supply Frame for 3 RCP-100024

❖ Emergency Power Supply Unit VX-2000DS



- Supplies DC power to equipment
- 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 / 1 A
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 (TIA/EIA-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.
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