



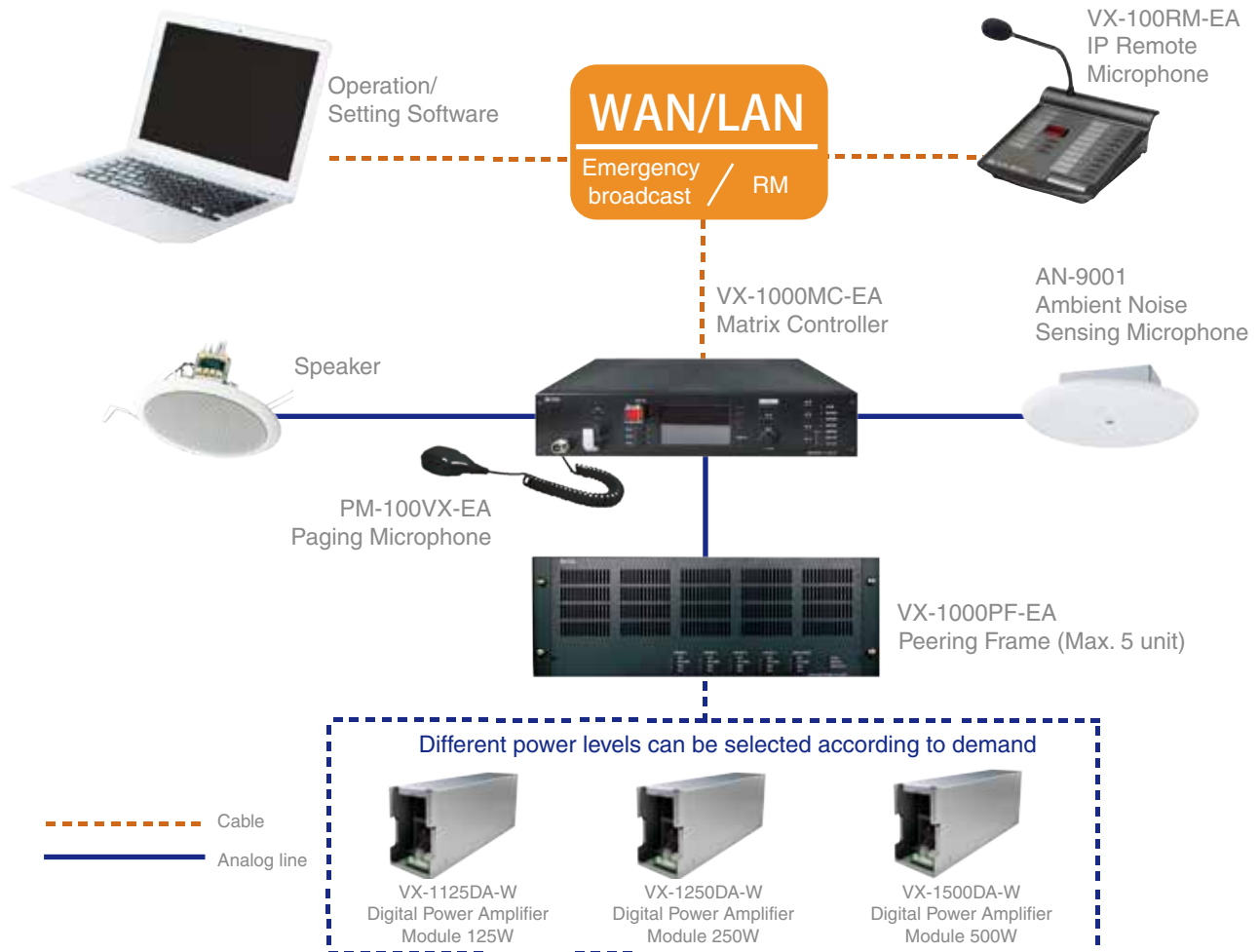
VX-1000 Series

IP Integrated Voice Evacuation System



Description

The VX-1000 series operates TCP/IP network that provides flexibility for different sized projects. With extensive functions including speaker line, fault detection and ambient noise sensor, the system is suitable for a large variety of application. like office buildings, hotels and parks.



Features

- » Decentralized: operates TCP/IP network, can expand the system size with the network easily
- » Compact: All functions except power amplifiers are integrated in one matrix controller.
- » Simple: Simple configuration thanks to small numbers of system components.
- » High reliability: with power amplifier fault detection, speaker line fault detection, redundant functions for amplifier, power and network, CPU OFF, etc., to ensure the safe operation of the system in different applications.
- » Energy saving: Low-loss modular Class D amplifiers with 3 different output ratings. which can be flexibly matched according to demands and also can reduce the number of equipment and occupying space.

Maximum System Capacity

Terminal number	500	Output power	1,000,000W
Number of audio input	2,000	Number of control input	4,000
Number of audio output	2,000	Number of control output	4,000

VX-1000MC-EA Matrix Controller

- » Hard buttons and knobs for easy broadcast operations
- » 4.3 inch LCD screen displays operation information, fault information, equipment information
- » ANC noise detection function
- » Equipment and speaker line have fault detection



Model	VX-1000MC-EA
Power Source	AC220V/50Hz
Audio Input	4 channels: balanced, LINE, with volume knob, input impedance 10kΩ, rated input 0dB
Auxiliary Audio Input	4 channels: unbalanced, input impedance 10kΩ, mix with audio input interface
Amplifier Input	Amplifier input 4 channels, auxiliary amplifier input 1 channel
Noise Detection Input	4 channels: balanced, rated input 0dB
Attenuator Control Output	4 channels
Speaker Loop Output	4 channels
Auxiliary Audio Output	4 channels, unbalanced, max. 0 dB
Recording output	4 channels, unbalanced, max. 0 dB
Amplifier interface	Amplifier interface 4 channels, auxiliary amplifier interface 1 channel
Control Output	8 channels
Control Input	8 channels
Network I/F	RJ-45 x2, 10BASE-T/100BASE-TX auto-negotiation
Network Protocol	SIP, RTP, HTTP, RTP, FTP
Internal Audio Storage	1GB
Loop Detection Function	Open circuit, short circuit, ground
Fault Detection Function	Main power fault, auxiliary power fault, amplifier fault, power supply frame fault
Priority	Max. 512 level
Option	PM-100VX-EA Paging Microphone

VX-1000PF-EA Peering Frame

- » Power can be supplied to VX-1000DA series digital power amplifier module
- » With active and standby power switching
- » LED light displays the power amplifier operation status
- » 4 power amplifier modules and 1 spare power amplifier modules can be installed



Model	VX-1000PF-EA
Power Source	AC220V/50Hz
Power Output	Amplifier output 4 channels, auxiliary amplifier output 1 channel
Amplifier interface	Amplifier interface 4 channels, auxiliary amplifier interface 1 channel

VX-1125DA-W / VX-1250DA-W / VX-1500DA-W Digital Power Amplifier Module

- » Class D power amplifier modular
- » Mounts in the frame units
- » 3 different power outputs: 125W, 250W or 500W
- » Dust filter, easy to clean



Model	VX-1125DA-W	VX-1250DA-W	VX-1500DA-W
Power Source	AC220V/50Hz		
Power Consumption	30.3W (standby mode) 130W (rated output mode)	27.7W (standby mode) 255W (rated output mode)	28.2W (standby mode) 505W (rated output mode)
Amplification System	Class D		
Output Power	125W	250W	500W
Frequency Response	20Hz-20kHz $\pm$ 3dB		

VX-100RM-EA / RM-110VX-EA IP Remote Microphone / Remote Microphone Extension

- » Powered by PoE
- » Customized function buttons for personalized configuration



Model	VX-100RM-EA
Power Source	DC 24V/1A or PoE (IEEE 802.3at)
Power Consumption	Lower than 200mA (Single unit of VX-100RM-EA) Lower than 500mA (when connecting 9 units of RM-110VX-EA)
Audio Input	Balanced, 1V rms (Max: 2 V rms), input impedance 10k Ω
Audio Output	Unbalanced, 1V rms, input impedance 10k Ω or unbalanced, 11.25mW, input impedance 32k Ω
Frequency Response	20Hz- 20kHz
No. of Function Keys	10, Max.:100 (when connecting 9 units of RM-110VX-EA)
Network I/F	RJ45, 10BASE-T/100BASE-TX auto-negotiation
Network Protocol	TCP/IP, UDP, HTTP, ARP, RTP, ICMP, IGMP, SIP
Option	RM-110VX-EA Remote Microphone Extension



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Specifications are subject to change without notice.
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