

## VOICE EVACUATION FRAME 8SS

VX-3008F

### DESCRIPTION

The VX-3008F is a device designed to control the Voice evacuation announcements of TOA's VX-3000 Series

The VX-3008F is a device designed to control the Voice evacuation announcements of TOA's VX-3000 Series rack—mount type voice evacuation system which is compliant with the European Standard EN54 for fire alarm systems. It has audio input terminals and can output the amplified audio signals to the speaker lines when the optional power amplifier modules are mounted. It is possible to make an Emergency Warning Broadcast assigned a higher priority than the Emergency broadcast. Two patterns of the Emergency broadcast can be activated simultaneously. Compatible with network, the system can be configured in distributed arrangement. Features include the following functions: Digital signal processing function that enables appropriate acoustic adjustment for individual input sound sources and output amplifiers, Feedback suppressor function that automatically suppresses acoustic feedback when it occurs, VOX function that allows start/stop control of broadcast by way of an audio trigger, and ANC function that enables an ambient noise control. (The ANC function distinguishes between the unit's output sound and the ambient noise. The unit's output sound is not detected as noise.) as noise.)

Indicators that show such statuses as fault status and power amplifier signal status are provided.

It has 8 speaker output channels.

A total of 3 power amplifier modules (2 for zone amplifier use and 1 for standby amplifier use) can be mounted. Equipped with a matrix output, the VX—3008F can be used as 2—bus speaker selector using 2 power amplifiers. Setting the matrix output destination makes 1—bus and 2—bus zones coexist.

Zones can be expanded by connecting the unit having amplifier module(s) and the one having no amplifier module. As the VX-3008F is equipped with Standby amplifier input/output terminal, the standby amplifier, when mounted, can be shared among VX-3000F units.

#### ■ SPECIFICATIONS

Power Source	20 - 33 V DC, removable terminal block (4 pins)
Power Consumption	24 W (frame only) at 33 V DC input, 90 W (RS LINK: 2 A output) at 33 V DC input
LAN A, B	Number of Connectors: 2 (LAN A, LAN B)
	Network I/F: 100BASE-TX
	Network Protocol: TCP, UDP, ARP, ICMP, RTP, IGMP, FTP, HTTP
	Spanning tree Protocol: RSTP
	Audio Transmission System: TOA Packet Audio (*1)
	Audio Encoding Method: PCM
	Audio Sampling Frequency: 48 kHz
	Audio Quantifying Bit Number: 16 bits
	Connection Device: VX-3004F, VX-3008F, VX-3016F, NX-300, Switching HUB
	Connector: RJ45 connector
	Connection Cable: Category 5 twisted pair cable (CAT5) or greater
	Number of Stages of Cascade connection: UP to 7
	Maximum Cable Distance: 100 m (328.08 ft)
RS Link A, B	Number of Connectors: 2 (RS LINK A, RS LINK B)
	Audio input level: 0 dB (*2)
	Power feed: Max. 1 A per connector
	Connector: RJ45 connector
	Connection Cable: Shielded Category 5 twisted pair cable (CAT5—STP) or greater
	Maximum Cable Distance: 1200 m (3937.01 ft)
DS Link	Connection Device: DS LINK of Power supply units
	Connector: RJ45 connector
	Connection Cable: Shielded Category 5 twisted pair cable (CAT5—STP) or greater
	Maximum Cable Distance: 5 m (16.4 ft)
Analog Link	Number of Connectors: 1 input, 1 output
	Connection Device: VX-3004F, VX-3008F, VX-3016F
	Connector: RJ45 connector
	Connection Cable: Shielded Category 5 twisted pair cable (CAT5—STP) or greater
	Maximum Cable Distance: 800 m (2624.67 ft)
Control Input 1, 2	16 inputs, no-voltage make contact input, open voltage: 24 V DC,
Control Input 1, 2	short-circuit current: 2 mA
	Fault Detection System: Short circuit, Open circuit, Method: Voltage detect
	Connector: RJ45 connector
Emergency Control IN	Connection Cable: Shielded Category 5 twisted pair cable (CAT5—STP) or greater Input 2: Isolated voltage input, —24 to +24 V
	Connector: RJ45 connector
VOV 5 1:	Connection Cable: Category 5 twisted pair cable (CAT5) or greater
VOX Function	Threshold: -60 to 0 dB (1 dB steps)
	Hysteresis: 0 to +10 dB, Hold time: 10 ms - 10 s
	Settable for each audio input
Control Output 1, 2	General outputs : 8 with CONTROL OUTPUT 1
	Exclusive outputs: 3 with CONTROL OUTPUT 2 GENERAL FAULT, CPU FAULT, CPU OFF
	No-voltage make contact, electrical contact output,
	control current: 10 mA, withstand voltage: 28 V DC
	Connector: RJ45 connector
	Connection Cable: Shielded Category 5 twisted pair cable (CAT5—STP) or greater



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# ■ SPECIFICATIONS

ATT/Control Output	8 outputs, no—voltage make contact, relay contact (NC, NO, C),
	control current: 2 mA to 5 A, withstand voltage: 125 V AC, 40 V DC
	Connector: Removable terminal block (12 pins) 2
Audio Input 1, 2, 3, 4	4 inputs
radio importi, 2, e, i	Sensitivity:
	LINE: -20 dB (*2), MIC: -60 dB (*2)
	LINE/MIC/ANC Sensor (changeable with setting software)
	Gain Control: volume adjustable with volume control (internal front panel)
	$-\infty$ to 0 dB
	Input Impedance: 47 k $\Omega$ , electronically—balanced
	Frequency Response: 40 Hz - 20 kHz ±1 dB (at DA CONTROL LINK, 0 dB output)
	Distortion: 1% or less (at DA CONTROL LINK, 0 dB output, 1 kHz)
	Signal to Noise Ratio: 60 dB or more (at DA CONTROL LINK, A—weighted)
	Phantom Power Supply: 24 V DC, can be set with setting software
	Connector: Removable terminal block (6 pins)2
Digital Signal Processing	
Feedback Suppression	7 filters (auto),
Function (FBS)	
	Settable for each audio input and RS LINK (A/B)
Equalizer/Filter	3 bands for each audio input and RS LINK (A/B),
	6 bands for each amplifier output
	Parametric equalizer: 20 Hz — 20 kHz, ±15 dB, Q: 0.267 — 69.249
	Filtering: High—pass filter
	Low-pass filter 20 Hz - 20 kHz, 6 dB/oct, 12 dB/oct
	High shelving filter 6 - 20 kHz, ±15 dB
	Low shelving filter $20 - 500$ Hz, $\pm 15$ dB
	Notch filter (amplifier output only) 20 Hz - 20 kHz, Q: 8.651 - 69.249
	All-pass filter (amplifier output only) 20 Hz - 20 kHz, Q: 0.267 - 69.249
	Ham any line (unipline output only) 20 Hz = 20 kHz, Q. 0.207 = 03.249
	Horn equalizer (amplifier output only) 20 kHz, 0 to +18 dB (0.5 dB steps)
Compressor	Threshold: -20 to 0 dB (1 dB steps)
	Ratio: 1:1, 1.1:1, 1.2:1, 1.3:1, 1.5:1, 1.7:1, 2:1, 2.3:1, 2.6:1, 3:1, 4:1,
	5:1, 7:1, 8:1, 10:1, 12:1, 20:1, ∞:1
	Attack time: 0.2 ms - 5 s, Release time: 10 ms - 5 s
	Gain: $-\infty$ to +10 dB, Knee type: hard knee, middle knee, soft knee
Delay	For each amplifier output, 0 — 2730 ms (0.021 ms steps)
ANC	Amplifier output level control, Automatic sensor input reference level measuring,
	Sensor input reference level fine adjustment
(Ambient Noise Control)	
	Maximum output signal level control: -15 to 0 dB
	Minimum output signal level control: -18 to -3 dB
	Isample time cetting: 10 c 70 c 30 c 1 min 5 min
	Sample time setting: 10 s, 20 s, 30 s, 1 min, 5 min
	Gain ratio setting: (Ambient noise: Output signal level) 6:3, 5:3, 4:3, 3:3, 3:4, 3:5, 3:6
	Gain ratio setting: (Ambient noise: Output signal level) 6:3, 5:3, 4:3, 3:4, 3:5, 3:6  Ambient noise measuring frequency setting: 20 Hz — 20 kHz, 3 points
	Gain ratio setting: (Ambient noise: Output signal level) 6:3, 5:3, 4:3, 3:3, 3:4, 3:5, 3:6
	Gain ratio setting: (Ambient noise: Output signal level) 6:3, 5:3, 4:3, 3:3, 3:4, 3:5, 3:6 Ambient noise measuring frequency setting: 20 Hz — 20 kHz, 3 points
Speaker Line	Gain ratio setting: (Ambient noise: Output signal level) 6:3, 5:3, 4:3, 3:3, 3:4, 3:5, 3:6  Ambient noise measuring frequency setting: 20 Hz — 20 kHz, 3 points  8 channels, 1 Earth terminal
Speaker Line	Gain ratio setting: (Ambient noise: Output signal level) 6:3, 5:3, 4:3, 3:3, 3:4, 3:5, 3:6  Ambient noise measuring frequency setting: 20 Hz — 20 kHz, 3 points  8 channels, 1 Earth terminal  Maximum Voltage/Current: 100 Vrms, 5 Arms
Speaker Line	Gain ratio setting: (Ambient noise: Output signal level) 6:3, 5:3, 4:3, 3:3, 3:4, 3:5, 3:6  Ambient noise measuring frequency setting: 20 Hz — 20 kHz, 3 points  8 channels, 1 Earth terminal  Maximum Voltage/Current: 100 Vrms, 5 Arms  Connector: Removable terminal block (17 pins) ···1
Speaker Line	Gain ratio setting: (Ambient noise: Output signal level) 6:3, 5:3, 4:3, 3:3, 3:4, 3:5, 3:6  Ambient noise measuring frequency setting: 20 Hz — 20 kHz, 3 points  8 channels, 1 Earth terminal  Maximum Voltage/Current: 100 Vrms, 5 Arms  Connector: Removable terminal block (17 pins) ···1  Fault Detection System: Short circuit, Open circuit, Ground fault,
	Gain ratio setting: (Ambient noise: Output signal level) 6:3, 5:3, 4:3, 3:3, 3:4, 3:5, 3:6  Ambient noise measuring frequency setting: 20 Hz — 20 kHz, 3 points  8 channels, 1 Earth terminal  Maximum Voltage/Current: 100 Vrms, 5 Arms  Connector: Removable terminal block (17 pins) ···1  Fault Detection System: Short circuit, Open circuit, Ground fault,  Method: Impedance or End of line
Standby Amplifier	Gain ratio setting: (Ambient noise: Output signal level) 6:3, 5:3, 4:3, 3:3, 3:4, 3:5, 3:6 Ambient noise measuring frequency setting: 20 Hz — 20 kHz, 3 points  8 channels, 1 Earth terminal Maximum Voltage/Current: 100 Vrms, 5 Arms Connector: Removable terminal block (17 pins) ···1 Fault Detection System: Short circuit, Open circuit, Ground fault,  Method: Impedance or End of line Input: 1, Output: 1
Standby Amplifier	Gain ratio setting: (Ambient noise: Output signal level) 6:3, 5:3, 4:3, 3:3, 3:4, 3:5, 3:6  Ambient noise measuring frequency setting: 20 Hz — 20 kHz, 3 points  8 channels, 1 Earth terminal  Maximum Voltage/Current: 100 Vrms, 5 Arms  Connector: Removable terminal block (17 pins) ···1  Fault Detection System: Short circuit, Open circuit, Ground fault,  Method: Impedance or End of line  Input: 1, Output: 1  Maximum Voltage/Current: 100 Vrms, 5 Arms
Standby Amplifier Input/Output	Gain ratio setting: (Ambient noise: Output signal level) 6:3, 5:3, 4:3, 3:3, 3:4, 3:5, 3:6  Ambient noise measuring frequency setting: 20 Hz — 20 kHz, 3 points  8 channels, 1 Earth terminal  Maximum Voltage/Current: 100 Vrms, 5 Arms  Connector: Removable terminal block (17 pins) ···1  Fault Detection System: Short circuit, Open circuit, Ground fault,  Method: Impedance or End of line  Input: 1, Output: 1  Maximum Voltage/Current: 100 Vrms, 5 Arms  Connector: Removable terminal block (2 pins) ···2
Standby Amplifier Input/Output Extension Amplifier	Gain ratio setting: (Ambient noise: Output signal level) 6:3, 5:3, 4:3, 3:3, 3:4, 3:5, 3:6  Ambient noise measuring frequency setting: 20 Hz — 20 kHz, 3 points  8 channels, 1 Earth terminal  Maximum Voltage/Current: 100 Vrms, 5 Arms  Connector: Removable terminal block (17 pins) ···1  Fault Detection System: Short circuit, Open circuit, Ground fault,  Method: Impedance or End of line  Input: 1, Output: 1  Maximum Voltage/Current: 100 Vrms, 5 Arms  Connector: Removable terminal block (2 pins) ···2  Input: 2, Output: 2
Standby Amplifier Input/Output Extension Amplifier	Gain ratio setting: (Ambient noise: Output signal level) 6:3, 5:3, 4:3, 3:3, 3:4, 3:5, 3:6 Ambient noise measuring frequency setting: 20 Hz - 20 kHz, 3 points  8 channels, 1 Earth terminal Maximum Voltage/Current: 100 Vrms, 5 Arms Connector: Removable terminal block (17 pins) ···1 Fault Detection System: Short circuit, Open circuit, Ground fault, Method: Impedance or End of line  Input: 1, Output: 1 Maximum Voltage/Current: 100 Vrms, 5 Arms Connector: Removable terminal block (2 pins) ···2 Input: 2, Output: 2 Maximum Voltage/Current: 100 Vrms, 5 Arms
Standby Amplifier	Gain ratio setting: (Ambient noise: Output signal level) 6:3, 5:3, 4:3, 3:3, 3:4, 3:5, 3:6 Ambient noise measuring frequency setting: 20 Hz - 20 kHz, 3 points  8 channels, 1 Earth terminal Maximum Voltage/Current: 100 Vrms, 5 Arms Connector: Removable terminal block (17 pins) ···1 Fault Detection System: Short circuit, Open circuit, Ground fault, Method: Impedance or End of line  Input: 1, Output: 1 Maximum Voltage/Current: 100 Vrms, 5 Arms Connector: Removable terminal block (2 pins) ···2 Input: 2, Output: 2 Maximum Voltage/Current: 100 Vrms, 5 Arms
Standby Amplifier Input/Output Extension Amplifier Input/Output	Gain ratio setting: (Ambient noise: Output signal level) 6:3, 5:3, 4:3, 3:3, 3:4, 3:5, 3:6 Ambient noise measuring frequency setting: 20 Hz — 20 kHz, 3 points  8 channels, 1 Earth terminal Maximum Voltage/Current: 100 Vrms, 5 Arms Connector: Removable terminal block (17 pins) ···1 Fault Detection System: Short circuit, Open circuit, Ground fault, Method: Impedance or End of line  Input: 1, Output: 1 Maximum Voltage/Current: 100 Vrms, 5 Arms Connector: Removable terminal block (2 pins) ···2  Input: 2, Output: 2 Maximum Voltage/Current: 100 Vrms, 5 Arms Connector: Removable terminal block (2 pins) ···4
Standby Amplifier Input/Output Extension Amplifier Input/Output	Gain ratio setting: (Ambient noise: Output signal level) 6:3, 5:3, 4:3, 3:3, 3:4, 3:5, 3:6 Ambient noise measuring frequency setting: 20 Hz — 20 kHz, 3 points  8 channels, 1 Earth terminal Maximum Voltage/Current: 100 Vrms, 5 Arms Connector: Removable terminal block (17 pins) ···1 Fault Detection System: Short circuit, Open circuit, Ground fault, Method: Impedance or End of line  Input: 1, Output: 1 Maximum Voltage/Current: 100 Vrms, 5 Arms Connector: Removable terminal block (2 pins) ···2 Input: 2, Output: 2 Maximum Voltage/Current: 100 Vrms, 5 Arms Connector: Removable terminal block (2 pins) ···4 Number of Amplifiers: 3
Standby Amplifier Input/Output Extension Amplifier Input/Output Power Amplifier	Gain ratio setting: (Ambient noise: Output signal level) 6:3, 5:3, 4:3, 3:3, 3:4, 3:5, 3:6 Ambient noise measuring frequency setting: 20 Hz — 20 kHz, 3 points  8 channels, 1 Earth terminal Maximum Voltage/Current: 100 Vrms, 5 Arms Connector: Removable terminal block (17 pins) ···1 Fault Detection System: Short circuit, Open circuit, Ground fault, Method: Impedance or End of line  Input: 1, Output: 1 Maximum Voltage/Current: 100 Vrms, 5 Arms Connector: Removable terminal block (2 pins) ···2 Input: 2, Output: 2 Maximum Voltage/Current: 100 Vrms, 5 Arms Connector: Removable terminal block (2 pins) ···4 Number of Amplifiers: 3 Connector: DA CONTROL LINK ···3, DA OUTPUT LINK ···3
Standby Amplifier Input/Output Extension Amplifier	Gain ratio setting: (Ambient noise: Output signal level) 6:3, 5:3, 4:3, 3:3, 3:4, 3:5, 3:6 Ambient noise measuring frequency setting: 20 Hz — 20 kHz, 3 points  8 channels, 1 Earth terminal Maximum Voltage/Current: 100 Vrms, 5 Arms Connector: Removable terminal block (17 pins) ···1 Fault Detection System: Short circuit, Open circuit, Ground fault, Method: Impedance or End of line  Input: 1, Output: 1 Maximum Voltage/Current: 100 Vrms, 5 Arms Connector: Removable terminal block (2 pins) ···2  Input: 2, Output: 2 Maximum Voltage/Current: 100 Vrms, 5 Arms Connector: Removable terminal block (2 pins) ···4  Number of Amplifiers: 3 Connector: DA CONTROL LINK ···3, DA OUTPUT LINK ···3  POWER (green) ···1, RUN (green) ···1, EMERGENCY (red) ···1, CPU OFF (red) ···1,
Standby Amplifier Input/Output Extension Amplifier Input/Output Power Amplifier	Gain ratio setting: (Ambient noise: Output signal level) 6:3, 5:3, 4:3, 3:3, 3:4, 3:5, 3:6 Ambient noise measuring frequency setting: 20 Hz — 20 kHz, 3 points  8 channels, 1 Earth terminal Maximum Voltage/Current: 100 Vrms, 5 Arms Connector: Removable terminal block (17 pins) ···1 Fault Detection System: Short circuit, Open circuit, Ground fault, Method: Impedance or End of line  Input: 1, Output: 1 Maximum Voltage/Current: 100 Vrms, 5 Arms Connector: Removable terminal block (2 pins) ···2  Input: 2, Output: 2 Maximum Voltage/Current: 100 Vrms, 5 Arms Connector: Removable terminal block (2 pins) ···4  Number of Amplifiers: 3 Connector: DA CONTROL LINK ···3, DA OUTPUT LINK ···3  POWER (green) ···1, RUN (green) ···1, EMERGENCY (red) ···1, CPU OFF (red) ···1, LAN A (green) ···1, LAN B (green) ···1, RS LINK A (green) ···1, RS LINK B (green) ···1
Standby Amplifier Input/Output Extension Amplifier Input/Output Power Amplifier	Gain ratio setting: (Ambient noise: Output signal level) 6:3, 5:3, 4:3, 3:3, 3:4, 3:5, 3:6 Ambient noise measuring frequency setting: 20 Hz — 20 kHz, 3 points  8 channels, 1 Earth terminal Maximum Voltage/Current: 100 Vrms, 5 Arms Connector: Removable terminal block (17 pins) ···1 Fault Detection System: Short circuit, Open circuit, Ground fault, Method: Impedance or End of line  Input: 1, Output: 1 Maximum Voltage/Current: 100 Vrms, 5 Arms Connector: Removable terminal block (2 pins) ···2  Input: 2, Output: 2 Maximum Voltage/Current: 100 Vrms, 5 Arms Connector: Removable terminal block (2 pins) ···4  Number of Amplifiers: 3 Connector: DA CONTROL LINK ···3, DA OUTPUT LINK ···3  POWER (green) ···1, RUN (green) ···1, EMERGENCY (red) ···1, CPU OFF (red) ···1, LAN A (green) ···1, LAN B (green) ···1, RS LINK A (green) ···1, RS LINK B (green) ···1 FAULT STATUS (yellow)
Standby Amplifier Input/Output Extension Amplifier Input/Output Power Amplifier	Gain ratio setting: (Ambient noise: Output signal level) 6:3, 5:3, 4:3, 3:3, 3:4, 3:5, 3:6 Ambient noise measuring frequency setting: 20 Hz - 20 kHz, 3 points  8 channels, 1 Earth terminal Maximum Voltage/Current: 100 Vrms, 5 Arms Connector: Removable terminal block (17 pins) ···1 Fault Detection System: Short circuit, Open circuit, Ground fault,
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Standby Amplifier Input/Output Extension Amplifier Input/Output Power Amplifier	Gain ratio setting: (Ambient noise: Output signal level) 6:3, 5:3, 4:3, 3:3, 3:4, 3:5, 3:6 Ambient noise measuring frequency setting: 20 Hz - 20 kHz, 3 points  8 channels, 1 Earth terminal Maximum Voltage/Current: 100 Vrms, 5 Arms Connector: Removable terminal block (17 pins)1 Fault Detection System: Short circuit, Open circuit, Ground fault,  Method: Impedance or End of line  Input: 1, Output: 1 Maximum Voltage/Current: 100 Vrms, 5 Arms Connector: Removable terminal block (2 pins)2  Input: 2, Output: 2 Maximum Voltage/Current: 100 Vrms, 5 Arms Connector: Removable terminal block (2 pins)4  Number of Amplifiers: 3 Connector: DA CONTROL LINK3, DA OUTPUT LINK3  POWER (green)1, RUN (green)1, EMERGENCY (red)1, CPU OFF (red)1, LAN A (green)1, LAN B (green)1, RS LINK A (green)1, RS LINK B (green)1 FAULT STATUS (yellow) GENERAL1, UNIT1, NETWORK1, EMG MIC1, FUSE1, POWER1, CPU1, ZONE8
Standby Amplifier Input/Output Extension Amplifier Input/Output Power Amplifier	Gain ratio setting: (Ambient noise: Output signal level) 6:3, 5:3, 4:3, 3:3, 3:4, 3:5, 3:6 Ambient noise measuring frequency setting: 20 Hz — 20 kHz, 3 points  8 channels, 1 Earth terminal Maximum Voltage/Current: 100 Vrms, 5 Arms Connector: Removable terminal block (17 pins) ···1 Fault Detection System: Short circuit, Open circuit, Ground fault,  Method: Impedance or End of line  Input: 1, Output: 1 Maximum Voltage/Current: 100 Vrms, 5 Arms Connector: Removable terminal block (2 pins) ···2  Input: 2, Output: 2 Maximum Voltage/Current: 100 Vrms, 5 Arms Connector: Removable terminal block (2 pins) ···4  Number of Amplifiers: 3 Connector: DA CONTROL LINK ···3, DA OUTPUT LINK ···3  POWER (green) ···1, RUN (green) ···1, EMERGENCY (red) ···1, CPU OFF (red) ···1, LAN A (green) ···1, LAN B (green) ···1, RS LINK A (green) ···1, RS LINK B (green) ···1 FAULT STATUS (yellow) GENERAL ···1, UNIT ···1, NETWORK ···1, EMG MIC ···1, FUSE ···1, POWER ···1, CPU ···1, ZONE ···8 AMPLIFIER
Standby Amplifier Input/Output  Extension Amplifier Input/Output  Power Amplifier Indicators	Gain ratio setting: (Ambient noise: Output signal level) 6:3, 5:3, 4:3, 3:3, 3:4, 3:5, 3:6 Ambient noise measuring frequency setting: 20 Hz - 20 kHz, 3 points  8 channels, 1 Earth terminal Maximum Voltage/Current: 100 Vrms, 5 Arms Connector: Removable terminal block (17 pins) ···1 Fault Detection System: Short circuit, Open circuit, Ground fault,
Standby Amplifier Input/Output Extension Amplifier Input/Output Power Amplifier	Gain ratio setting: (Ambient noise: Output signal level) 6:3, 5:3, 4:3, 3:4, 3:5, 3:6 Ambient noise measuring frequency setting: 20 Hz — 20 kHz, 3 points  8 channels, 1 Earth terminal Maximum Voltage/Current: 100 Vrms, 5 Arms Connector: Removable terminal block (17 pins) ···1 Fault Detection System: Short circuit, Open circuit, Ground fault, Method: Impedance or End of line  Input: 1, Output: 1 Maximum Voltage/Current: 100 Vrms, 5 Arms Connector: Removable terminal block (2 pins) ···2 Input: 2, Output: 2 Maximum Voltage/Current: 100 Vrms, 5 Arms Connector: Removable terminal block (2 pins) ···4  Number of Amplifiers: 3 Connector: DA CONTROL LINK ···3, DA OUTPUT LINK ···3  POWER (green) ···1, RUN (green) ···1, EMERGENCY (red) ···1, CPU OFF (red) ···1, LAN A (green) ···1, LAN B (green) ···1, RS LINK A (green) ···1, RS LINK B (green) ···1 FAULT STATUS (yellow) GENERAL ···1, UNIT ···1, NETWORK ···1, EMG MIC ···1, FUSE ···1, POWER ···1, CPU ···1, ZONE ···8 AMPLIFIER PEAK (red) ···3, SIGNAL (green) ···3, OPERATE (green) ···3, POWER (green) ···3 Fault Control Switch ···2 (ACK/RESET)
Standby Amplifier Input/Output  Extension Amplifier Input/Output  Power Amplifier Indicators	Gain ratio setting: (Ambient noise: Output signal level) 6:3, 5:3, 4:3, 3:4, 3:5, 3:6 Ambient noise measuring frequency setting: 20 Hz - 20 kHz, 3 points  8 channels, 1 Earth terminal Maximum Voltage/Current: 100 Vrms, 5 Arms Connector: Removable terminal block (17 pins) ···1 Fault Detection System: Short circuit, Open circuit, Ground fault,
Standby Amplifier Input/Output  Extension Amplifier Input/Output  Power Amplifier  Indicators  Operation	Gain ratio setting: (Ambient noise: Output signal level) 6:3, 5:3, 4:3, 3:3, 3:4, 3:5, 3:6 Ambient noise measuring frequency setting: 20 Hz - 20 kHz, 3 points  8 channels, 1 Earth terminal Maximum Voltage/Current: 100 Vrms, 5 Arms Connector: Removable terminal block (17 pins) ···1 Fault Detection System: Short circuit, Open circuit, Ground fault,
Standby Amplifier Input/Output  Extension Amplifier Input/Output  Power Amplifier  Indicators  Operation  Operating Temperature	Gain ratio setting: (Ambient noise: Output signal level) 6:3, 5:3, 4:3, 3:3, 3:4, 3:5, 3:6 Ambient noise measuring frequency setting: 20 Hz - 20 kHz, 3 points  8 channels, 1 Earth terminal Maximum Voltage/Current: 100 Vrms, 5 Arms Connector: Removable terminal block (17 pins) ···1 Fault Detection System: Short circuit, Open circuit, Ground fault,
Standby Amplifier Input/Output  Extension Amplifier Input/Output  Power Amplifier  Indicators  Operation	Gain ratio setting: (Ambient noise: Output signal level) 6:3, 5:3, 4:3, 3:3, 3:4, 3:5, 3:6 Ambient noise measuring frequency setting: 20 Hz - 20 kHz, 3 points  8 channels, 1 Earth terminal Maximum Voltage/Current: 100 Vrms, 5 Arms Connector: Removable terminal block (17 pins) ···1 Fault Detection System: Short circuit, Open circuit, Ground fault,



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VX-3008F

### ■ SPECIFICATIONS

Dimensions	483 (W) × 132.6 (H) × 345 (D) mm (19.02" × 5.22" × 13.58")
Weight	7.9 kg (17.42 lb)
Accessory	Rack mounting bracket (preinstalled on the unit) …2, Rack mounting screw …4,
	Removable terminal plug (2 pins) …6, Removable terminal plug (4 pins) …1,
	Removable terminal plug (6 pins)2, Removable terminal plug (12 pins)2,
	Removable terminal plug (17 pins)1, CD (PC setting software)1, Ferrite clamp2

<sup>(\*1)</sup> TOA's unique technology which makes it possible to transmit high—quality audio signals in real time over an IP network.

 $<sup>(*2) \ 0 \</sup> dB = 1 \ V$ 

