

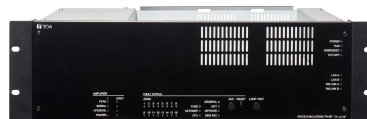
VX-3016F

VOICE EVACUATION FRAME 16SS

The VX-3016F 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.) Indicators that show such statuses as fault status and power amplifier signal status are provided. It has 16 speaker output channels.

The number of mountable amplifier modules is up to 2 when used as zone amplifiers or a total of 2 when one is used as standby amplifier and the other as zone amplifier. When one module for zone amplifier use is mounted, the VX-3016F can be used as 1-bus/16-zone output speaker selector. When 2 modules for zone amplifier use are mounted, it can be used as 2-channel 1-bus/8-zone output speaker selector.

Zones can be expanded by connecting the unit having amplifier module(s) and the one having no amplifier module. As the VX-3016F is equipped with Standby amplifier input/output terminal, the standby amplifier, when mounted, can be shared among VX-3000F units.



Order no: VX-3016F
Alternative products: SX-2000SM, VX-2000,
VM-3240VA, VM-3360VA

VX-3016F

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Specifications

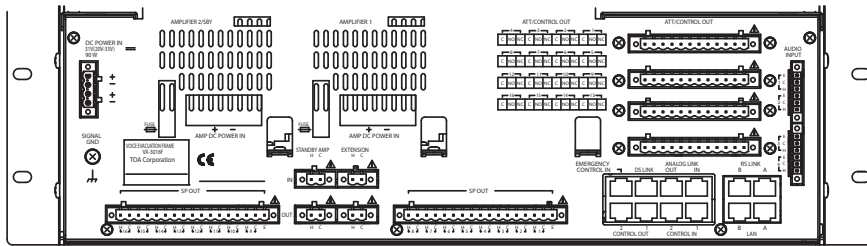
Power source	31 V DC (operating range: 20 – 40 V DC)
Frequency response	40 Hz - 20 kHz (±1 dB)
Distortion	< 1 % (at 1 kHz)
Power consumption	max. 90 W at 31 VDC
S/N ratio	60 dB (or more)
Control input	16 (by contact) + 2 (by 24 VDC polarity change)
Control output	Open collector: 8 + 3 (CPU OFF), Relay (125 VDC, 5 A): 16
Input / Output	Speaker Output: 16 zones Audio Input: 4 (Line: -20 dBV / Mic: -60 dBV, phantom power selectable)
Indicator	power, run, CPU off, LAN status, RM status emergency status faults: general, network, EMG microphone, fuse, power, CPU, zones amplifier status: signal, peak, operate, power
Connection	RJ45: control inputs x 2, control outputs (open collector) x 2, DS link x 1, remote microphones x 2, LAN x 2, analog link x 2 Removable screw terminals: control outputs (relay), zone outputs, standby amplifier bus, extension links, power input, audio inputs
Dimensions (W x H x D)	482 x 132,6 x 345 mm
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Finish	Surface treated steel plate, white paint (RAL9016)
Operating humidity	90% or less
Operating temperature	-5°C to +45°C

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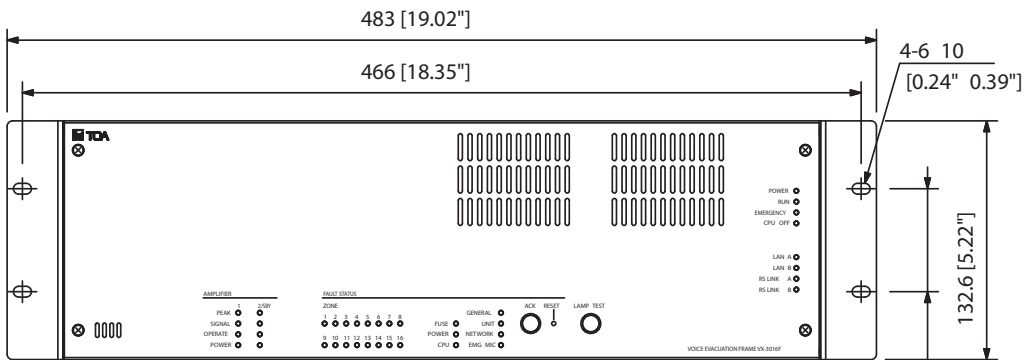
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Appearance

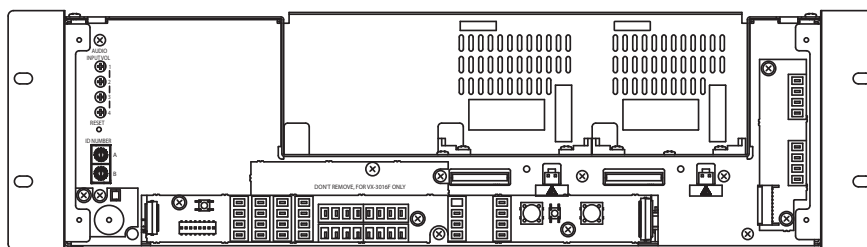
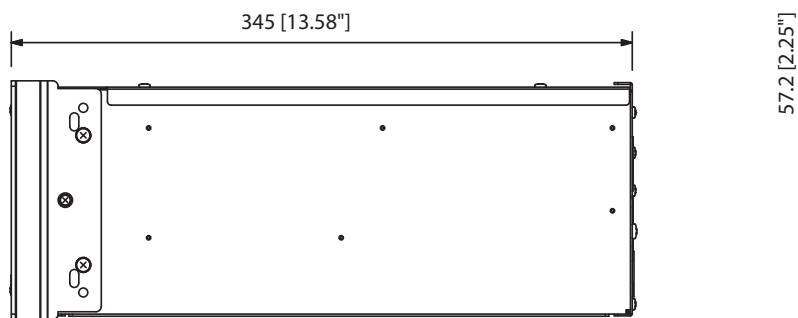
Rear View



Front View



Side View



Front view without front panel

UNIT:mm SCALE:1/4