

The VX-3308WM is a device designed to control voice alarm functions as well as PA functions. It is compatible with TOA's VX-3000 Series rack-mount type voice evacuation system and is compliant with the European Standard EN54-16 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 can broadcast external emergency messages from a system at higher or lower priority than its local emergency broadcasts so that it can be used as a main or a sub system. Two emergency broadcast patterns can be activated simultaneously. The system can be configured in a distributed arrangement using Ethernet networks. Features include the following DSP functions: complex filtering (PEQ, HPF, LPF, shelving, CD-horn EQ, notch), compressing and delaying enables appropriate acoustic adjustment for individual input sound sources and output amplifiers, feedback suppressor function that automatically suppresses acoustic feedback, VOX function that allows start/stop control of broadcast by way of an audio trigger. The smart ANC function enables ambient noise control. The ANC is not affected by the audio signal it controls, so that the location of the sensor is not critical.

Indicators show a detailed fault status of the system including the fault status required by EN54 as well as the fault of each single speaker line, furthermore the status of the power amplifier's audio signal, the network and remote microphone. It has 8 speaker output channels. Two power amplifier modules (VX-030DA) are pre-installed and one amplifier module can be added. Equipped with a matrix output, the VX-3308WM 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.



Order no: VX-3308WM Q

## Specifications

Power source	220 - 230 V AC, 50 / 60 Hz (AC-mains)
Frequency response	40 Hz - 20 kHz ( $\pm 1$ dB)
Distortion	< 1 % (at 1 kHz)
Power consumption	1100 watts (at rated output incl. charging), 460 watts (EN 60065)
S/N ratio	60 dB (A) (or more, at DA control link)
Control input	16 (contact), 2 (voltage controlled), all with surveillance
Control output	8 (open collector, no-voltage make contact, control current max. 10 mA, withstand voltage 28 V DC, on RJ45 jack).8 (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)
Input / Output	4 balanced audio inputs, sensitivity -20 dBV (line)/-60 dBV (mic), impedance: 47 kohms, phantom power 24 V selectable by software.2 remote microphone inputs for up to 8 units.8 speaker line outputs, insulated from earth
Indicator	AC Power in (green) $\times 1$ , Run (green) $\times 1$ , Emergency (red) $\times 1$ , CPU Off (red) $\times 1$ , LAN A (green) $\times 1$ , LAN B (green) $\times 1$ , RS Link A (green) $\times 1$ , RS Link B (green) $\times 1$ .Fault Status (yellow): General $\times 1$ , Unit $\times 1$ , Network $\times 1$ , EMG Mic $\times 1$ , Fuse $\times 1$ , Power $\times 1$ , CPU $\times 1$ , Zone $\times 8$ . Amplifier: Peak (red) $\times 3$ , Signal (green) $\times 3$ , Operate (green) $\times 3$ , Power (green) $\times 3$ . Battery (green): Charging $\times 1$ , Battery power $\times 1$ , connection $\times 1$ , condition $\times 1$
Connection	AC-mains: 2 pin screw terminal at breaker, 1 screw terminal for earth Speaker outputs: 6-pin removable screw terminal block $\times 4$ Control inputs: 9-pin removable screw terminal blocks $\times 3$ Emergency control inputs: 5-pin removable screw terminal block $\times 1$ Control outputs: 9-pin removable screw terminal block $\times 1$ , 12-pin removable screw terminal block $\times 1$ Network: 9-pin removable screw terminal block $\times 2$ Internal connections:DC power supply (max. 25 A): 2-pin screw terminal $\times 1$ DC power supply 24 V DC, 0.3 A: 4-pin removable screw terminal block $\times 1$
Dimensions (W x H x D)	550 x 700 x 200 mm
Dimensions ( $\phi$ x D)	x 200 mm
Finish	Steel plate, surface-treated, 30% gloss, black (RAL 9011 or equivalent)
Operating humidity	90% RH or less (no condensation)
Operating temperature	-5 °C to +45 °C (23 F to 113° F)



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Appearance