

# VM-3000 Series Extension Amplifier



First fully EN 54 Certified Voice Alarm System



VM-3240E/VM-3360E

## Features

System can be expanded by connecting up to 9 VM-3240E or VM-3360E Extension Amplifiers. The 240 W VM-3240E and 360 W VM-3360E are both equipped with 6 speaker line outputs. Both also feature 8 contact inputs and 8 contact outputs for general broadcasts and 6 inputs and 3 outputs for emergency broadcasts. They are connected to the VM-3240VA or VM-3360VA via the VM Link connector.

EN54-16 Certificate No. 1438/CPD/0180

## Options

- VM-3240VA: 240 W System Amplifier
- VM-3360VA: 360 W System Amplifier
- IT-450: Input Transformer

## Specifications

	VM-3240E	VM-3360E
Power Requirement	230 V AC, 50/60 Hz	
Power Consumption (AC mains)	600 W (with rated output signal), 260 W (according to EN60065)	850 W (with rated output signal), 380 W (according to EN60065)
Rated Output	240W	360W
Frequency Response	50 – 20,000 Hz, ±3dB (at 1/3 rated output)	50 – 20,000 Hz, ±3dB (at 1/3 rated output)
Distortion	Under 0.7% (at rated output, 1kHz)	Under 0.8% (at rated output, 1kHz)
Signal-to-Noise Ratio	Over 85dB	Over 85dB
Inputs	External amplifier Input: 100 V Line removable terminal block(14 pins)	
Outputs	Speaker output 1 – 6: Total within rated output, removable terminal block (14 pins) Direct output from internal or external amplifier, removable terminal block (16 pins)	
Control	Input 1 – 8: No-Voltage make contact input, open voltage: 24V DC, short-circuit current: under 2mA, removable terminal block (14 pins)	
Output	1 – 8: Isolated open collector output, withstand voltage: 30V DC, operating current: under 10mA, removable terminal block (14 pins)	
Emergency Control RJ45	Input 1 – 5: No-Voltage make contact input, open voltage : 24V DC, short-circuit current: under 2mA, female connector Input 6: Isolated voltage input: Inactive; -24V ±20%/Active; +24V ±20%, RJ45 female connector Status out: Relay contact output, withstand voltage: 40V DC, operating current: 2 – 300mA, RJ45 female connector	
DC-24 V-Output	24 V DC, maximum feeding current 0.3 A	24V DC. maximum feeding current 0.4A
Dimensions (W x H x D)	482 x 132.6 x 407	482 (W) x 132.6 (H) x 460 (D)mm
Weight	16.5 kg	19 kg
Certificates	EN54 16 1438 - CPD - 0180	

# VM-3000 Series Application Example

