

VM-3000 Series System Management Amplifier



Certificate No : 1483-CPD-0180



VM-3240VA/VM-3360VA

Features

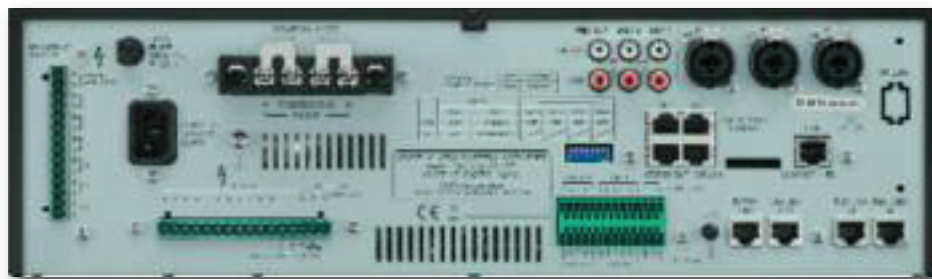
- ▶ Central units in the VM-3000 system
- ▶ Power outputs 240 W (VM-3240VA) and 360 W (VM-3360VA)
- ▶ 1 unit per system
- ▶ Front panel-mounted LCD display for Setting and operation status
- ▶ Automatic message function
- ▶ Play back of up to 6 recorded general announcements and 2 recorded emergency announcements
- ▶ Up to 2 RM-300MF Emergency Remote Fireman's Microphones can be connected
- ▶ Up to a total of 4 RM-200M General Broadcast Remote Microphones and RM-300MF Fireman's Microphones can be connected

Options

- ▶ VM-3240E: 240 W Extension Amplifier
- ▶ VM-3360E: 360 W Extension Amplifier
- ▶ RM-300MF: Emergency Microphone
- ▶ RM-200M: Remote Microphone
- ▶ IT-450: Input Transformer



VM-3000 Series System Management Amplifier



Specifications

	VM-3240VA	VM-3360VA
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, ± 3 dB (at 1/3 rated output)	50 – 20,000 Hz, ± 3 dB (at 1/3 rated output)
Distortion	Under 0.8% (at rated output, 1kHz)	Under 0.8% (at rated output, 1kHz)
Signal-to-Noise Ratio	Over 85dB	Over 85dB
Inputs	Input 1 – 3: -50 dB* (MIC)/-10dB (LINE) (changeable) 600 Ohm, electronically balanced combined XLR connector (female)/phone jack Input 4: -50 dB* (MIC) / -10 dB (LINE) (changeable) 600 Ohm, electronically balanced, removable terminal block (14 pins) BGM 1 – 2 : -10 dB, 10 kOhm unbalanced, RCA pin jack 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) Recording output BGM / Paging 0 dB*, 10 kOhm, unbalanced, RCA pin jack	
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, with stand voltage: 30V DC, operating current: under 10mA, removable terminal block (14 pins)	
Emergency Control	Input 1 – 5: No-Voltage make contact input, open voltage : 24V DC, short-circuit current: under 2mA, RJ45 female connector Input 6: Isolated voltage input: Inactive; -24V $\pm 20\%$ /Active; +24V $\pm 20\%$, 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 $\pm 10\%$ Maximum feeding current 0.4A
Dimensions (W x H x D)	482 (W) x 132.6 (H) x 460 (D)mm	482 (W) x 132.6 (H) x 460 (D)mm
Weight	16.5 kg	19kg