

The VM-2120 is a multifunctional amplifier that can be mounted in an EIA-Standard equipment rack (3-unit size). The unit comes with 4 audio inputs including the background music input, and the speaker output section which has an internal attenuator and 5-zone selector. It permits not only general-purpose broadcast, but also Emergency Broadcast based on the EN60849 Standard which gives pre-recorded voice instructions (optional EV-200M is required) in the emergency situation. Broadcast can be made from an optional RM-200M Remote Microphone as well as from the amplifier, and can be remotely controlled from external equipment. In addition, for 100 V# application the unit features the surveillance function (optional SV-200MA is required) which automatically checks the system for failures.



Article number: VM-2120 UK
Alternative products: VM-2240

Specifications

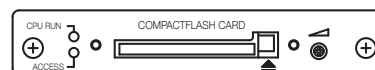
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|------------------------|---|
| Power source | 230 V AC, 50 / 60 Hz |
| Rated output | 120 W (total into 5 zones) |
| Frequency response | 50 Hz - 16 kHz |
| Distortion | < 1 % |
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| Power consumption | 37 W (no output), 201 W (at rated output) |
| Current consumption | 5,2 A |
| S/N ratio | 60 dB (or more) |
| Inputs | MIC (-60 dBV) /LINE (-10 dBV), balanced x3Telephone (-10 dBV, balanced) x1BGM (-20 dBV, unbalanced, stereo RCA jacks) x2100V x1 |
| Outputs | Speaker lines with attenuator, selectable x5Direct speaker output x1Line (0 dBV, unbalanced, RCA jack) x1Recording (0 dBV, unbalanced, RCA jack) x1Preamplifier (0 dBV, unbalanced, RCA jack) x1 |
| Control input | Contact input, open voltage: 3.3 VDC, short-circuit current max. 1 mAActivation of inputs 1-3 x325-pin female D-sub connector:• Activation of messages (when EV-200M is installed) x5• Activation of power• Activation and stop of emergency broadcast• Unit's broadcast cutoff |
| Control output | 5 relay contacts for external attenuator control. Open collector output, withstand voltage: 30 V DC, operating current: under 10 mA25-pin female D-sub connector:• Irregularity of communications with the Remote Microphoneand an expansion amplifier• AC power condition• DC power condition• Irregularity of the sound source of the Voice AnnouncementBoard• Failure (FAULT) indication on• Power switch on |
| Indicator | Zone, all-call, emergency, fault, power,5-step level bargraph |
| Dimensions (W x H x D) | 419 x 143,3 x 355,7 mm |
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| Finish | ABS resin, Steel plate, paint, dark grey, |
| Operating temperature | 0 - 40 °C |

Appearance

Magnified view when each optional board is mounted.



SV-200MA



EV-200M (view with the CF card security cover removed)

Rear View

