



Functional description :

- Utilizes Waveform Equalization Technology, enabling active steerable directivity.
- Effective Frequency Range (-10dB): 106Hz - 18kHz.
- Drive Units: 8 x 3".
- Characteristic Sensitivity (± 2 dB): 92dB/1W/1m.
- Speaker Power: 160W (AES), 640W (PEAK).
- Sound Pressure Level within Specified Band (± 2 dB): 114dB (at 1 meter).
- Features two selectable algorithmic modes: Waveform Equalization Mode and Phased Array Beam Steering Mode.
- Waveform Equalization Mode (-12dB):
 - *Horizontal coverage: 125°. Vertical coverage adjustable via software from a lower limit of 10° to an upper limit of 90°, with a step increment of 0.8°.
 - *Software provides real-time beam simulation diagrams for 3 frequencies, allowing visualization of sound field coverage for each selected frequency.
 - *Beam coverage effects can be previewed in software before being applied to the device.
 - *Includes sidelobe processing functionality with adjustable processing level (range: 0.1 to 3.2, minimum step: 0.8).
 - *Supports management of multiple devices.
- Phased Array Beam Steering Algorithm Mode (-12dB):
 - *Horizontal coverage: 125°. Vertical coverage adjustable from 10° to 90°.
 - *Allows adjustment of 1 to 2 independent beams.
 - *In software, the vertical direction of each beam (1 or 2) can be independently adjusted within a range of +25° to -25° (minimum step: 0.8°).
 - *Software provides real-time beam simulation diagrams for 3 frequencies, allowing visualization of sound field coverage for each selected frequency.
 - *Beam coverage effects can be previewed in software before being applied to the device.
- DSP Processor Module: 8-channel DSP supporting balanced signal input.
- Amplifier Module Output Power: 8 channels, 30W per channel @ 4 Ω , total power 240W @ 4 Ω .
- Audio Input: Supports simultaneous analog and digital signal sources: 1 balanced analog input channel signal and 1 Dante digital signal.
- Interfaces: 2 x RJ45 ports (for Dante & TCP/IP communication). 1 x USB port. 1 x Phoenix terminal block for balanced input, with volume knob.
- Product Dimensions (L x W x H): 116 x 141 x 715 mm.
- Net Weight: 8.1 kg.
- Power Supply: AC 90-264V, 50-60Hz.

Technical specifications:

	VM-JS30D	VM-JS60D	VM-JS8345
Effective Frequency Range (-10dB)	106Hz-18KHz	106Hz-18KHz	106Hz-18KHz
Speaker Driver	8*3"	16*3"	LF:8*4.5", HF:24x1"钹磁
Characteristic Sensitivity Level (± 2 dB)	92dB/w/m	94dB/w/m	97dB/w/m
Speaker Power	160W(AES)、640W(PEAK)	320W(AES)、1280W(PEAK)	640W(AES)、2560W(PEAK)
Sound Pressure Level within the Specified Frequency Band (± 2 dB)	114dB (1米)	118dB (1米)	124dB (1米)
DSP Processor Module	8-channel DSP with balanced signal input support	16-channel DSP with balanced signal input support	8-channel DSP with compressor and limiter functions for all 8 output channels
Amplifier Module Output Power	8 channels, 30W/4 Ω per channel, total power 240W/4 Ω	16 channels, 30W/4 Ω per channel, total power 480W/4 Ω	8CHx150W/4 Ω , 总功率1200W/4 Ω
Amplifier Module Interface	2xRJ45 ports (including Dante and TCP/IP universal ports), 1x USB port, 1xPhoenix terminal balanced input, equipped with a volume knob.	2xRJ45 ports (including Dante and TCP/IP universal ports), 1xUSB port, 1x Phoenix terminal balanced input, equipped with a volume knob	2xRJ45 ports (Dante), including TCP/IP universal ports, 3 XLR balanced inputs, and 1 RS-232 port
Audio Input	Supports simultaneous input of analog and digital signal sources, including 1 balanced analog input channel signal and 1 Dante digital signal.	Supports simultaneous input of analog and digital signal sources, with 2 balanced analog input channel signals and 2 Dante digital signals.	Supports simultaneous input of analog and digital signal sources, including 3 balanced analog input channel signals, 2 Dante digital signals (Dante and AES 67 digital signals are selectable via software), and 3 built-in test signals (white noise, pink noise, sine wave); Input parameters: adjustable level ranging from -60 to +15dB, noise gate, 15 parametric equalizers, high-shelf and low-shelf filters, as well as high-pass and low-pass filters.
Mounting Method	Wall mount, ceiling mount	Wall mount, ceiling mount	Wall mount, ceiling mount
Power Supply	AC 90-264V,50-60Hz	AC 100-240V,50-60Hz	AC 100-240V,50-60Hz
Net Weight	8.1KG	13.5KG	13.5KG
Product Dimensions (LxWxH)	116*141*715mm	200*290*1430mm	200*290*1430mm