



1U Integrated MP3 Amplifier

VT-060HW/VT-120HW/VT-240HW/VT-350HW



Functional description:

1. Standard 19-inch rack-mounted installation with 1U black anodized brushed panel, elegant and generous in appearance.
2. All internal PCBs adopt double-sided SMT patch circuits for more stable and reliable performance.
3. Adopts internationally advanced Class D digital power amplifier circuit, featuring high efficiency and energy saving.
4. Isolated audio transformer is applied for output, effectively improving load capacity and ensuring more stable and reliable operation.
5. Built-in 6.0 Bluetooth receiving module with an open receiving distance up to 10 meters.
6. Equipped with 1 USB port on the front panel, supporting lossless playback of APE, FLAC, WMA, WAV and MP3 audio formats; it is also provided with physical keys for previous/next track, play/pause, equalizer and mode selection.
7. Built-in FM radio supports automatic station search and station storage.
8. Adopts LCD liquid crystal display and touch-sensitive function keys for operation.
9. Comes with an infrared remote controller to control all player functions.
10. 6-channel signal input (4 microphone inputs, 2 line inputs, 1 EMC input).
11. 4 microphone channels adopt balanced signal input, with built-in DC 48V phantom power (switchable on/off).
12. 1 auxiliary signal output for cascading connection with the next amplifier.
13. Equipped with 70V, 100V constant voltage output and 4-16Ω constant resistance output.
14. Supports master volume adjustment, independent volume adjustment for each input channel, and independent treble & bass adjustment.
15. The volume potentiometer adopts fully sealed dustproof technology, permanent dustproof design with noise-free adjustment.
16. EMC has the highest priority: AUX1/2 and MIC1/2/3/4 signal attenuation ranges from 0 to -30dB.
17. MIC1 has the second priority: AUX1/2 and MIC2/3/4 signal attenuation ranges from 0 to -30dB.
18. Integrated comprehensive protection functions including output short-circuit protection, DC protection, overload protection and over-temperature protection.
19. Wide voltage power supply design: AC 100~240V, 50/60Hz.

Technical Specifications:

Model	VT-060HW	VT-120HW	VT-240HW	VT-350HW
Output Mode	4-16 ohms(Ω) constant resistance output; 70V, 100V constant voltage output;			
Rated Power	60W	120W	240W	350W
Signal Input	1. MIC1/MIC2/MIC3/MIC4: 600 ohms(Ω), 10-15mV, balanced;2. AUX1/AUX2: 10k ohms(Ω), 200-470mV, unbalanced;3. EMC: 10k ohms(Ω), 200-470mV, unbalanced;			
Auxiliary Output	0.775V (0dB)			
Tone Control	BASS: 100Hz (±10dB), TREBLE: 10kHz (±10dB)			
Frequency Response	80Hz~18kHz (±3dB)			
Signal-to-Noise Ratio (S/N)	Line: ≥85dB, MIC: ≥72dB;			
Total Harmonic Distortion (THD)	<0.5% at 1kHz, 1/3 rated output power			
Phantom Power	DC48V±2V			
Priority Control	When EMC is input: MIC1/2/3/4, AUX1/2 signal attenuation 0~30dB;When MIC1 is input: MIC2/3/4, AUX1/2 signal attenuation 0~30dB			
Cooling Method	Automatic speed-adjustable fan cooling}			
Protection Functions	Short circuit protection, DC protection, overload protection, over-temperature protection			
Power Input	AC100~240V, 50/60Hz}			
Power Consumption	120W	170W	340W	500W
Product Dimensions	483(W)×260(D)×44(H)mm}			
Weight	3.8Kg	4.2Kg	4.55Kg	4.75Kg