

# 5-zone MP3 volume independently adjustable amplifier FT-B2807MF



## Feature:

1. High-grade aluminum 2U black brushed panel, beautiful and elegant
2. The internal PCB adopts double-sided SMT patch circuit, and the performance is more stable and reliable
3. Five-way signal input (three-way microphone, two-way line.
4. Built-in five-zone output, each zone power can be adjusted independently
5. Built-in Bluetooth 5.0 wireless audio reception, the receiving distance can reach 10 meters in an open space
6. Built-in USB flash drive socket, support lossless music format, automatic playback function when powered on
7. Built-in FM radio function, can automatically store channels
8. Five-digit fluorescent display, full-function touch button
9. Equipped with 100V, 70V constant voltage output and 4~16Ω constant resistance output
10. Total volume adjustment function, each input channel volume is adjusted independently
11. Treble and bass are adjusted independently
12. MIC1 automatic mute is equipped with an adjustment switch, the adjustable range is:0 to -30dB
13. Five-unit LED level display, dynamic and clear
14. With perfect output short circuit protection and over-temperature protection functions
15. Built-in signal mute circuit to better reduce output noise
16. With one auxiliary audio output interface, it is convenient to connect to the next amplifier
17. The output adopts industrial fence-type terminal block, which is more reliable
18. The cooling fan temperature control starts
19. Very suitable for broadcasting in medium and small public places

## Specification:

Rated output power	70W
Output mode	4-16 ohms(Ω) fixed resistance output 70V(70 ohms(Ω)) 100V(143 ohms(Ω)) constant voltage output
Microphone input	MIC1/MIC2/MIC3:600 ohms(Ω) 10-15 mV, unbalanced
Line input	AUX1/AUX2:10k ohms(Ω) 200-470 mV, unbalanced
Auxiliary output	0.775V (0 dB)
Zone control	5 zone control output (100V)
Frequency response	60 Hz~ 15k Hz (± 3 dB)
Nonlinear distortion THD	<0.5% at 1kHz, 1/3 rated output power
Signal-to-noise ratio S/N	Line:85 dB, MIC:> 72 dB

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Tone adjustment range	BASS:100 Hz ( $\pm 10$ dB), TREBLE:12k Hz ( $\pm 10$ dB)
Silent suppression capability	When MIC1 is input, MIC2, MIC3, AUX1, AUX2 signals are attenuated by 0~30 dB
Output adjustment rate	< 3 dB, from no signal static working state to full load working state
Function control	five volume adjustments, one high and low frequency adjustment, one silent adjustment, and one power switch
Cooling method	DC 12V FAN forced air cooling method
Indicator light	Power: 'POWER' , Level display: '2, 4, 6, 8, 10'
Protection	AC FUSE $\times$ 4A AC FUSE $\times$ 1, load short circuit, over temperature
Power cord	(3 $\times$ 0.75 mm <sup>2</sup> ) $\times$ 1.5M (standard)
Power supply	AC 220V $\pm$ 10% 50-60Hz
Power consumption	95W
Machine size	89(H) $\times$ 483(W) $\times$ 366(D)mm
Net weight	10.04kg