

BYFORD AUDIO

MA-80-USB

Compact Mixer Amplifier

Exceptional Audio Performance

Description

For background/foreground music and paging applications, MA series all-in-one amplifier is designed to deliver premium sound, provide simplified set up and easy daily operation and offer the flexibility to expand when more loudspeakers are required. This amplifier series integrates USB, Mp3, TF card, record, echo, paging and amplification for a wide range of commercial applications such as retail stores, restaurants and bars, hospitality venues, conference Rooms, schools and auxiliary zones.

A compact mixer amplifier combines convenience, versatility, and performance in a single unit, catering to a wide range of audio needs from small-scale events to practice sessions and presentations. Its integrated design simplifies setup and operation while offering essential features for quality audio amplification and control. Whether for professional use or personal enjoyment, a compact mixer amplifier is a valuable tool in the audio arsenal of musicians, presenters, educators, and entertainers alike.

Features:

- 1) Amplification for premium sound from a reliable, high quality Class-D amplifier provides optimized performance and Premium sound quality with Record function, can record in the USB memory and play.
- 2) Microphone priority function to mute the BGM in paging status.
- 3) Individual music and microphone paging volume controls.
- 4) Bass, Treble and Echo controls with built-in Mp3 supports many audio format like Mp3, WMA, WAV, APE, FLAC etc.
- 5) 4 Ohm and 100V outputs both options available.
- 6) Emergency 12-24VDC battery back-up function, or use in car for vehicle amplifier.



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Benefits:

All-in-One Solution: Eliminates the need for separate mixer and amplifier units, reducing setup time and complexity.

Portability: Ideal for offices, restaurants, presenters, small retail shop & educators who need a compact yet capable audio solution.

Cost-Effective: Often more affordable than purchasing separate mixer and amplifier units.

Ease of Use: Simplifies audio management with integrated controls and straightforward connectivity options.

Space-Saving: Especially valuable in venues or settings where space is limited

Specifications:

| Model | MA-80-USB |
|---------------------------|---|
| Rated Output Power | Max 80W, RMS 40W |
| Power Supply Voltage | ~100-240V (USA version) or ~220-240V 50/60Hz |
| Power Consumption | <40W/50W |
| Speaker Output | 100V / 70V (USA version) / 4Ω |
| Frequency Response | 20~20KHz (+1dB ~ -3dB) at 4ohms |
| SNR | >89dB (with A-Weight) |
| Nonlinear Distortion | <1% (at 1/3 rated power, 1kHz) |
| Microphone input | 30mV, 600Ω, balanced input |
| Auxiliary input | +6dBu, 10KΩ, unbalanced input |
| VOL Range | Bass:100Hz(±10dB), Treble:12KHz(±10dB) |
| Mute Function | MIC over other inputs |
| Function Controls | 1×power switch, 1× input source selection switch 1× music volume knob, 1× bass knob, 1× treble knob, 1×MIC volume knob 1× echo knob, 1×record key, 1×cycle key, 1×prev key, 1×next key, 1×pause key |
| Working Temperature | -10°C ~+40°C |
| Cooling | Convection cooling |
| Product Dimension (WxHxD) | 280×62×185 mm |
| Package Dimension (WxHxD) | 345×110×250 mm |
| Net Weight | 1.8kg |
| Gross Weight | 2.2kg |

Specifications are subject to be changed without notice.



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