

DM-MA180

Description

The DM-MA180 is a 1-channel, 80-watt mixer amplifier designed for use in background music, paging, and public address applications. The unit is built with high-end internal components, made to withstand the rigors of long-term use in commercial environments.

Key Features

- CE & RoHS certified
- (2) MIC inputs, (2) AUX Inputs, (1) EMC, and (1) Line-Output Converter
- MIC inputs provide phantom power, mute sensitivity, and MIC1 priority
- 70V, 100V, and 4-16Ω outputs
- Individual volume control for MIC and AUX inputs
- Master volume controller, BASS and TREBLE tone controller
- Aluminum alloy panel with standard 19" 2U height



Specifications

| | |
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| Model | DM-MA180 |
| Rated Power | 80 Watts |
| Speaker Output Mode | Low Impedance: 4-16 Ohms Line Voltage: 70 Volt (61 Ohms) or 100 Volt (125 Ohms) |
| Microphone Inputs | MIC1/MIC2: 600 Ohms (10mV) Connector: XLR and 6.35mm Plug Types |
| Aux Inputs | RCA: 10k ohms @ 200-470mV, Unbalanced |
| Line Output | Single RCA Connector: 0.775V (0dB) |
| Frequency Response | 60Hz – 5kHz (±3dB) |
| T.H.D. | <1% at 1kHz, 1/3 rated power |
| S/N | >75dB |
| Tone Adjustment | Bass: 100 Hz (±10 dB), Treble: 10k Hz (±10 dB) |
| Mute Sensitivity | MIC1 overrides MIC2/AUX1 /AUX2 with 0-30 dB attenuation |
| Controls | Volume, Tone, Mute, Power |
| Indicators | Signal, Clip, Protection, Power |
| AC Power Supply | AC120V / 60Hz |
| AC Fuse | T3.15A |
| Power Consumption | 150W |
| Dimensions | 2.8"(H) x 11.8"(W) x 7.5"(D) inches [71mm(H) x 300mm(W) x 191mm(D)] |
| Weight | 11.4 lbs. (5.20kg) |

Construction

The DM-MA180 Commercial Mixer Amplifier is made using high-quality Toshiba amplifier transistors and 100% pure copper toroidal transformers.

The amplifier provides intelligent protection against short circuits, overloads, and high temperatures. The built-in fan uses an intelligent startup function to reduce energy consumption and maximize heat dissipation.

The DM-MA180 is easy to install and is made for long-term use in professional audio applications.