

# MA120

## Mixer Amplifier

# VAL audio

Die Liebe zur Musik



The MA120 Mixer Amplifier, a powerhouse with an output of 120W RMS, packed with an array of features to meet diverse audio needs. Designed for versatility and ease of installation, the MA120 supports both 4-16 ohm operation and 70V/100V LMT output, making it suitable for a variety of settings including schools, meeting rooms, houses of worship, and more.

With multiple inputs, including 2 microphone inputs, 3 aux inputs, and a media player equipped with Bluetooth and USB connectivity, the MA120 offers seamless integration with various audio sources. Additionally, it features an FM receiver for radio playback, ensuring comprehensive audio options for any environment. An integrated LCD screen offers easy access to the media player functions. Each input is individually controllable via dedicated volume controls, allowing for precise management of audio levels.

Enhancing user control, the MA120 is equipped with master, bass, and treble controls, empowering users to tailor the audio output to their preferences. Whether you're streaming music from a smartphone or conducting a presentation, the MA120 delivers exceptional sound quality with customizable settings.

Installers will appreciate the MA120's extensive connectivity options, simplifying the setup process and offering flexibility for diverse audio configurations. From classrooms to offices, the MA120 is an installer's delight, providing unmatched versatility and performance for a wide range of applications.

Discover the power and flexibility of the MA120 Mixer Amplifier, your ultimate audio solution for any environment.

## KEY FEATURES

- Integrated Media player built in USB, FM, Bluetooth with LCD display
- Flexible output options : 4-16 ohm or 70V/100V connectivity
- Multiple input channels : 3 Aux and 2 Microphone inputs
- LED output metering
- Master, Bass & Treble controls for tailored audio tuning
- Aux output available for daisy chaining amplifiers or to attach active subwoofers to expand your audio setup
- Full function remote control included

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## SPECIFICATIONS

Number of output channels	1
Total output power	120W
70V Output Impedance	20 ohms
100V Output Impedance	40 ohms
Aux Input	520mV
Mic Input	4mV
Front Panel Control	2 Mic, 3 Aux, 1 Media Player, Bass, Treble, Master, Power ON/OFF
Frequency Response	35 Hz to 20 kHz
Total Harmonic Distortion	0.05%
Intermodulation Distortion	<0.35% (60Hz and 7kHz at 4:1, from full rated output to -30dB)
Signal-to-Noise Ratio	75dB
Crosstalk	> 80 dB (below rated power, 20 Hz to 1 kHz)
Slew Rate	80V/usec
Output Connector	Barrier strip
Input Connectors	1.4" TS Jack , RCA
LED Indicator	Power, Signal, Protect
Cooling System	Internal heat sinks fitted with fan
Construction	Steel chassis with durable black powder coat finish
Power Supply	Toroidal Transformer
Power Range	200 - 240V AC @ 50Hz
Mains	Power cord
Input Power (Watts)	200W
Dimension (W x D x H)	440 x 292 x 73 mm
Size	2U
Weight	6.75Kg