

# MA360

## Mixer Amplifier

**VAL**audio

Die Liebe zur Musik



The MA360 is a powerful and feature-rich mixer amplifier delivering 360W RMS output, designed for exceptional performance and flexibility. Supporting 4-16 Ohm operation and 70V/100V line-matching transformer (LMT) outputs, it ensures compatibility with diverse speaker setups. Its output can be divided across six zones, each equipped with individual volume controls, offering precise sound management for multi-zone applications. The MA360 accommodates a variety of sources with 3 microphone inputs, 2 auxiliary inputs, and an integrated media player with LCD screen featuring Bluetooth, USB, and FM receiver functionality. The LCD screen offers easy access to the media player functions. Each input has an independent volume control, enabling seamless integration of devices such as smartphones, tablets, and more. Designed with versatility in mind, the microphone inputs include delay, repeat, and echo effects, providing enhanced audio customization. Additionally, the unit features a siren for emergency alerts and a chime for public address announcements, ensuring it's well-suited for a wide range of environments. The MA360 is equipped with master volume, bass, and treble controls, allowing precise adjustment of the overall audio profile to suit any application or environment. With its numerous connectivity options and intuitive controls, the MA360 is an installer's dream, ideal for professional setups.

## APPLICATIONS

Its robust design and flexible features make it perfect for Schools and classrooms, Meeting and conference rooms, Courtrooms and houses of worship, Multi-zone paging systems, Museums, offices, and more.

## KEY FEATURES

- Integrated Media player with built in USB, FM, Bluetooth with LCD display
- Flexible output : 4-16 ohm or 70V/100V connectivity
- Multi zone control : 6 output zones available via individual volume control
- Multiple input channels : 2 Aux and 3 Microphone inputs, Mic 1 priority input
- Advanced Microphone features Echo, Repeat & Delay effects for enhanced audio customization
- Master, Bass & Treble controls for tailored audio tuning
- Aux output available for daisy chaining amplifiers or to attach active subwoofers
- Emergency Features: Built-in siren for emergency announcements and a chime for public address alerts
- Full function remote control included

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## SPECIFICATIONS

Number of output channels	1
Total output power	360W
70V Output Impedance	20 ohms
100V Output Impedance	40 ohms
Aux Input	300mV
Mic Input	4mV
Front Panel Control	3 Mic, 2 Aux, 1 Media Player, Mic -echo, delay & repeat, 6 Zone, Bass, Treble, Master, Power ON/OFF
Frequency Response	35 Hz to 18 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	>80dB
CMRR (20 Hz to 1 kHz)	> 55 dB, typically > 70 dB
Crosstalk	> 80 dB (below rated power, 20 Hz to 1 kHz)
Slew Rate	80V/usec
Damping Factor	>800 from 10 Hz to 400 Hz
Output Connector	Barrier strip
Input Connectors	3-pin Combo XLR, RCA
LED Indicator	Power, Signal, Protect, Clip
Protection	Protected against shorted, open or mismatched loads, overloaded power supplies, excessive temperature, chain destruction phenomena, input overload damage and high-frequency blow ups. loudspeakers from input/output DC and turn-on/turn-off transients
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)	550W
Dimension (W x D x H)	485 × 400 × 95 mm
Size	2U
Weight	13Kg