

User Manual

MPA 30 Media Player Amplifier



Safety instructions

When using this electronic device, basic precautions should always be taken, including the following:

- 1 Read all instructions before using the product.
- 2 Do not use this product near water (e.g., near a bathtub, washbowl, kitchen sink, in a wet basement or near a swimming pool etc).
- 3 Use this device when you are sure that it has a stable base and it is fixed securely.
- 4 This product, in combination with loudspeakers and amplifier may be capable of producing sound levels that could cause permanent hearing loss. Do not operate for a long period of time at a high volume level or at a level that is uncomfortable. If you experience any hearing loss or ringing in the ears, you should consult with otorhinolaryngologist.
- 5 The product should be located away from heat sources such as radiators, heat vents, or other devices that produce heat.
- 6 The product should be connected to a power supply that is described in the operating instructions or are marked on the product.
- 7 The power supply should be undamaged and never share an outlet or extension cord with other devices. Never leave device plugged into the outlet when it is not being used for a long period of time.
- 8 Care should be taken that objects do not fall into liquids and liquids would not be spilled on the device.
- 9 The product should be serviced by qualified service personnel if:
 - The power supply or the plug has been damaged.
 - Objects have fallen into or liquid has been spilled on the product.
 - The product has been exposed to rain.
 - The product has been dropped or the enclosure damaged.
- 10 There are some areas with high voltage inside, to reduce the risk of electric shock do not remove cover of the microphone receiver or power supply. The cover should be removed by the qualified personnel only.

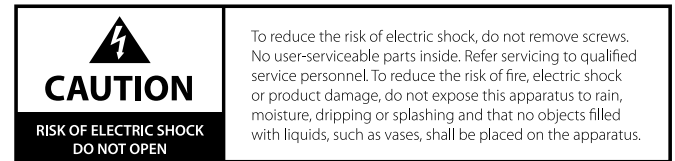




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Before you start

MPA 30 media player amplifier is designed for paging, announcements and background music public address systems. It has FM radio tuner and 30 W power amplifier with high and low impedance outputs. Supports compressed audio playback and recording from AUX/PHONO input to USB flash drives or memory cards.

FEATURES

- Built-in USB/SD/MMC player recorder.
- FM tuner.
- Preamplifier output and direct power amplifier input.
- 6.3mm TS jack priority microphone input.
- 6.3mm TS jack microphone input.
- AUX/PHONO input.
- Tone control.
- Screw terminal for external 12V DC power supply.

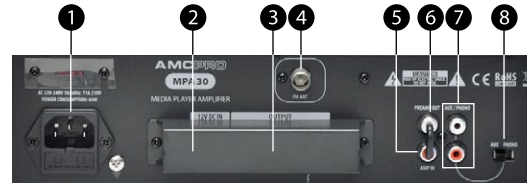
Operation

Front Panel



- 1. Media player | 2. MIC and PRIORITY MIC inputs and level controls | 3. Tone bass and treble controls
- 4. AUX/PHONO level control | 5. Master volume control | 6. Power switch

Rear Panel



- 1. Power connector and AC fuse | 2. 12V DC power input | 3. Amplifier outputs | 4. FM antenna connector
- 5. Direct power amplifier input | 6. Preamplifier output | 7. AUX/PHONO input | 8. AUX/PHONO gain selector

Operation

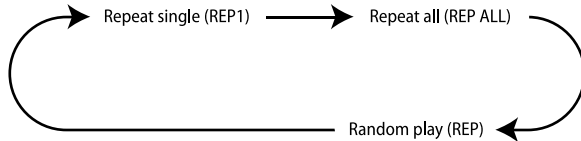
Music Player Functions

MP3 PLAYER

Select mp3 file memory source (7) and select mp3 player mode (3). Control playback using play controls (1 & 8).

REPEAT MODE

Pressing repeat button (6) changes player repeat mode:



FM RADIO

Press MP3/FM (3) to switch music player to FM radio mode.

RECORDING AUDIO

MPA 30 allows recording audio from AUX/PHONO input. Adjust recording level (4) and press REC (5). Select record storage using USB/SD key (7) and press REC (5) one more time to start recording. REC message on the screen indicates successfully recording.

If "ERR" message appears on the screen, press "STOP" button, check storage and try again.

Music player layout



- 1. Play controls | 2. Player volume control | 3. FM radio / MP3 player select
- 4. Recording level control and clip indicator | 5. Record button
- 6. Repeat mode | 7. SD/USB source select | 8. STOP / player power ON/OFF

Operation

Front Panel Functions

MICROPHONE INPUT

Unbalanced microphone input.

PRIORITY MICROPHONE INPUT

Unbalanced microphone input that has a priority over the microphone, AUX/PHONO input and music player.

tone CONTROLS

Control bass (± 10 dB at 100 Hz) and treble (± 10 dB at 10 kHz) tone properties.

AUX/PHONO LEVEL

Control AUX/PHONO input volume.

MASTER VOLUME

Control device master volume.

POWER

Switch MPA 30 ON/OFF.

Back Panel Functions

DC 12 V POWER INPUT

Power up the amplifier when mains power is unavailable. Use only DC 12 V power supply or batteries and take attention to polarity during wiring.

AMPLIFIER OUTPUTS

Connect audio line to amplifier. There are 4 types of outputs: low impedance 4 Ω output, high impedance 25 V, 70 V and 100 V outputs.

PREAMPLIFIER OUTPUT

Line level output directly from preamplifier. Can be used to insert signal processor such as equalizer or limiter.

DIRECT AMPLIFIER INPUT

Line level input directly to power amplifier.

AUX/PHONO INPUT

Stereo RCA input with selectable sensitivity. Can be used to connect line level audio source as well as phonograph.

General Specifications

MPA 30

Power supply	230 V AC 50Hz or 12 V DC
Output power	30 W RMS
Power consumption:	86 W @ RATED POWER
Power consumption (standby)	16 W
Total harmonic distortions	0,5 %
MIC sensitivity	-47 dBu
Phono sensitivity	-47 dBu
AUX sensitivity	-17 dBu
Frequency response	80 Hz - 18 kHz \pm 3 dB
Recording bitrate	128 kbps

Output	100 V, 70 V, 25 V, 4 Ω
Bass control	100 Hz +/-10 dB
Treble control	10 kHz +/-10 dB
Dimensions	75 mm (H) x 190 mm (W) x 280 mm (D)
Weight	4,5 kg