



# AMC MPA 30 Media Player Amplifier User Manual

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User Manual  
MPA 30 Media Player Amplifier




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## 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 is fixed securely.
4. This product, in combination with loudspeakers and amplifiers, 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 an 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 is marked on the product.
7. The power supply should be undamaged and never share an outlet or extension cord with other devices. Never leave the 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 a high voltage inside, to reduce the risk of electric shock do not remove the cover of the microphone receiver or power supply. The cover should be removed by qualified personnel only.

	<p>To reduce the risk of electric shock, do not remove screws. No user-serviceable parts inside. Refer servicing to qualified service personnel to reduce the risk of fire, electric shock, or product damage, do not expose this apparatus to rain, moisture, dripping or splashing, and that no objects filled with liquids, such as vases, shall be placed on the apparatus.</p>
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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 an FM radio tuner and 30 W power amplifier with high and low impedance outputs. Supports

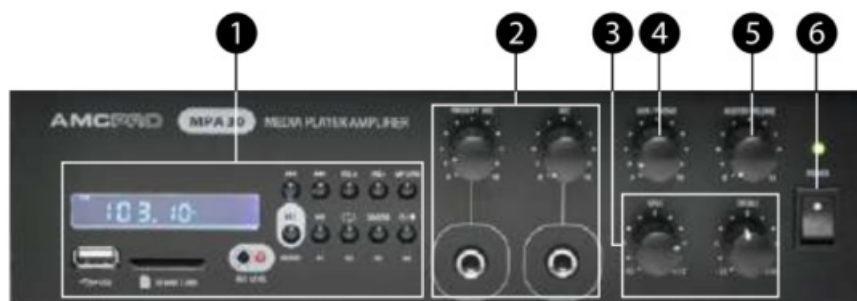
compressed audio playback and recording from AUX/PHONO input to USB flash drives or memory cards.

## 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

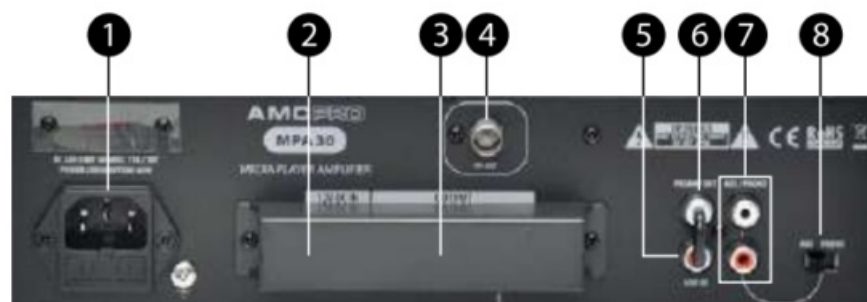
### Front Panel



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

### Rear Panel

1.



The power connector and AC fuse I

2. 12V DC power input I
3. The amplifier outputs
4. FM antenna connector
5. Direct power amplifier input I

6. Preamplifier output 1
7. AUX/PHONO input 1
8. AUX/PHONO gain selector

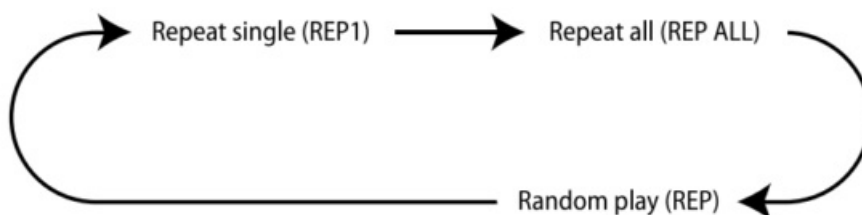
## Music Player Functions

### 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 the 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 an 'ERR' message appears on the screen, press the "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 OWOFF

## **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 ( $\pm 10$  dB at 100 Hz) and treble  $\pm 10$  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 the audio line to the amplifier. There are 4 types of outputs: low Impedance 4  $\Omega$  output, high impedance 25 V, 70 V, and 100 V outputs.

### **PREAMPLIFIER OUTPUT**

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

### **DIRECT AMPLIFIER INPUT**

Line level input directly to the power amplifier.

### **AUX/PHONO INPUT**

The stereo RCA input with selectable sensitivity. Can be used to connect line-level audio sources as well as photographs.

## **General Specifications**

### **MPA 30**

Power supply	230V AC 50Hz or 12VDC
Output power	30 W RMS
Power consumption:	86 W @ RATED POWER
Power consumption (standby)	16 W
Total harmonic distortions	0,596
MIC sensitivity	-47 dBu
Phono sensitivity	-47 dBu
AUX sensitivity	-17 dBu
Frequency response	801~1z- 18 kHz $\pm$ 3 dB
Recording bitrate	128 kbps

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



## Documents / Resources

	<p><a href="#">AMC MPA 30 Media Player Amplifier</a> [pdf] User Manual MPA 30, Media Player Amplifier, MPA 30 Media Player Amplifier</p>
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