



**MP04**



Music player/recorder



User Manual

**WARNING:**

**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.**

	<b>CAUTION</b> RISK OF ELECTRIC SHOCK DO NOT OPEN	
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE SCREWS. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.		

**Important**

Do not install this equipment in a confined space such as a book case or similar unit.

The apparatus should not be dripped or splashed and no objects filled with liquids, such as vases, should not be placed on the apparatus.

This unit should not be used near water (e.g. near bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, etc.) Care should be taken so that objects do not fall and liquids are not spilled into enclosure through openings.

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## System components

All system includes:

- MP 04 music player/recorder ..... 1 pc.
- Remote control..... 1 pc.
- Instruction manual..... 1 pc.
- Power cable..... 1 pc.

## Hints on installation

Do...

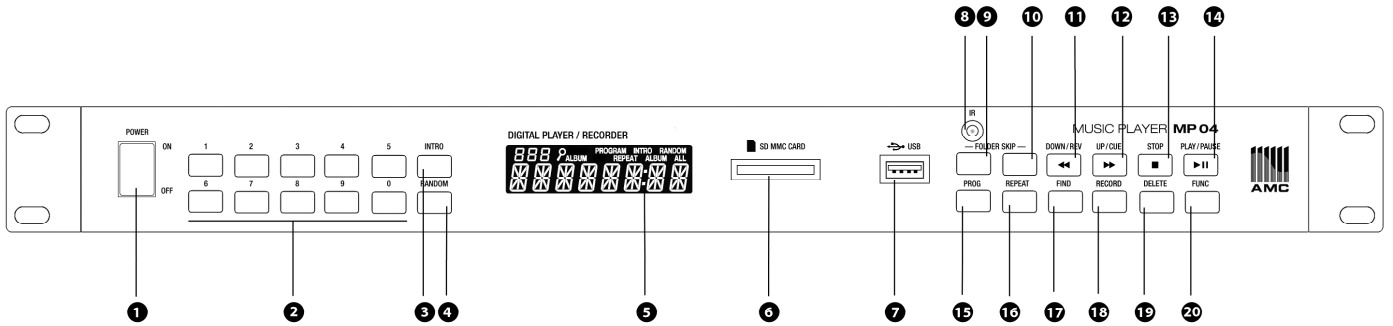
- Use in a well-ventilated room.
- Place on a solid, flat, level surface, such as a table, shelf or stereo rack

Don't...

- Use in a place exposed to high temperatures or humidity, including near radiators and other heat-generating appliances.
- Place on a window sill or a place where the player will be exposed to direct sunlight.
- Use in an excessively dusty or damp environment.
- Place directly on top of an amplifier, or other component that becomes hot in use.
- Use near television or monitor as you may experience interference-especially if the television uses an indoor antenna.
- Use in a kitchen or other room where the player may be exposed to smoke or steam.
- Use on a thick rug or carpet, or cover with cloth-this may prevent proper cooling of the unit.
- Place on an unstable surface, or one that is not large enough to support all four of the unit's feet.
- Do not use or store batteries in direct sunlight or other hot place, such as inside car or near heater. This can cause batteries to leak, overheat, explode or catch fire. It can also reduce the life or performance of batteries.

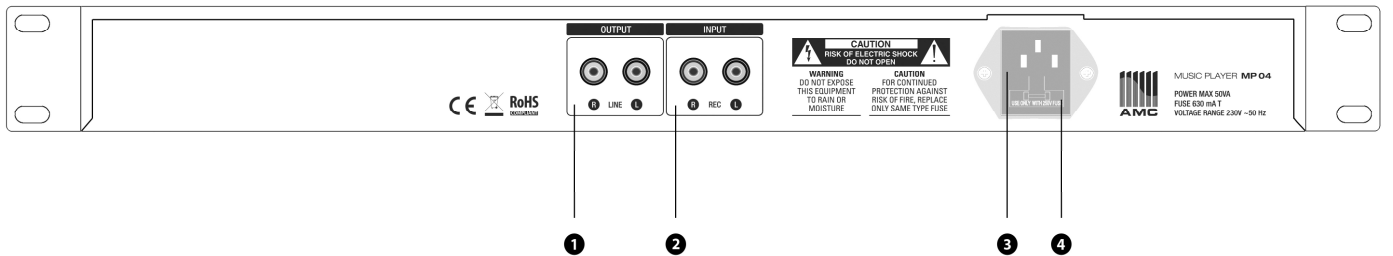
## 5 Controls and connections

### Front Panel



- |                            |                 |
|----------------------------|-----------------|
| 1. ON/OFF switch           | 12. Stop        |
| 2. Track selection buttons | 13. Play/Pause  |
| 3. Intro                   | 14. Prog        |
| 4. Random                  | 15. Repeat      |
| 5. Display                 | 16. Find        |
| 6. SD MMC card's slot      | 17. Record      |
| 7. USB flash's slot        | 18. Delete      |
| 8. Folder up               | 19. Function    |
| 9. Folder down             | 20. IR detector |
| 10. Down/Rev               |                 |
| 11. Up/Cue                 |                 |

### Rear Panel



- |                       |                       |
|-----------------------|-----------------------|
| 1. Stereo line output | 3. Mains power socket |
| 2. Stereo REC input   | 4. AC fuse holder     |

## Functions description

### **ON/OFF switch.**

Turns on and off the device.

### **Track selection buttons**

Allows select the sound tracks directly.

### **Intro**

Set or release the intro scan mode. When this key is pushed, the device will play each track for ten second.

### **Random**

Set or release the random play mode. When this key is pushed, it will start random play mode.

### **Display**

Displays the status of the device and main information about the files and folders.

### **SD MMC card's slot**

This slot is designed for SD and MMC cards. Please note that maximum supported capacity of card is up to 32GB.

### **USB flash's slot**

This slot is designed for USB flash disc and it can support up to 32GB capacity.

### **Folder up**

In stop mode this key skips the starting play folder to next folder, and automatically switches to first folder if current folder is last.

In the program entry mode this key switches to next folder's first file, if the folder is last it switches to first folder.

In normal play mode this key skips the playing file and switches to next folder's first file.

### **Folder down**

In stop mode this key skips the starting play folder to next previous, and automatically switches to last folder if current folder is first.

In the program entry mode this key switches to previous folder's first file, if the folder is first it switches to last folder.

In normal play mode this key skips the playing file and switches to previous folder's first file.

### **Down/Rev**

In stop mode this key changes starting track (file) in descending order, and automatically goes to the last track if it is in first track.

Single pressed in play mode or program mode changes to previous track (file).

By pressing longer than 0,7 sec switches to fast reverse mode.

### **Up/Cue**

In stop mode this key changes starting track (file) in ascending order, and automatically goes to first track if it is in the last track.

Single pressed in play mode or program mode changes to next track, in random mode skips to random track.

By pressing longer than 0,7 sec. switches to fast forward mode.

**STOP**

When device is playing or is in pause mode, by pressing this you will stop it.

**PLAY/PAUSE**

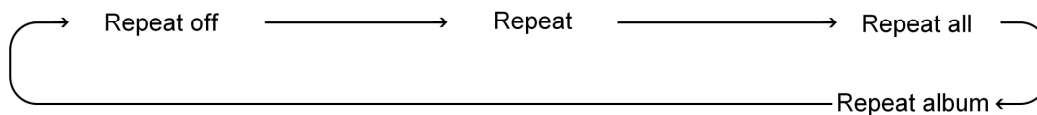
By pressing this key when device is stopped, play starts after track search. When this key is pressed during playing the mode of the device is changed in to pause. When this key is pressed during pause, it switches back to play mode.

**PROG**

This key is used for programming.  
All programs are cleared when STOP key is pushed.

**Repeat**

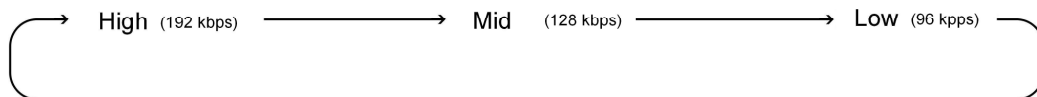
Pressing this key allows to change sound tracks playing mode like in picture below.

**Find**

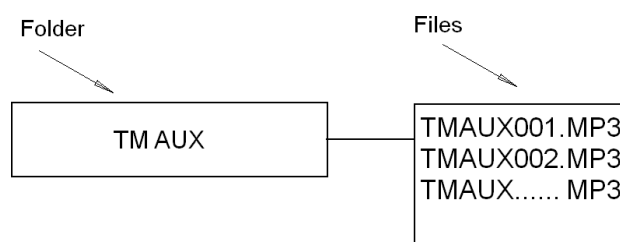
By pressing this key once search mode is changed into FILE search. By pressing this key twice search mode is changed into ALBUM search. If "FIND" key is pressing for a long time, track time is displayed, if it pressed twice ID3 tag is displayed.

**Record**Recording

When AUX is selected press REC button for a long time for recording quality selection. When quality indication appears on the screen, push REC button shortly for changing recording quality as in picture below.



AUX input must be selected by the "FUNC" button before the start of recording. After AUX selection push REC button to start recording. Press REC button again to stop the recording. For confirmation of successful ending "REC OK" appears on the screen. All records will be named automatically and placed in TM AUX folder, like in picture below.



### Copying

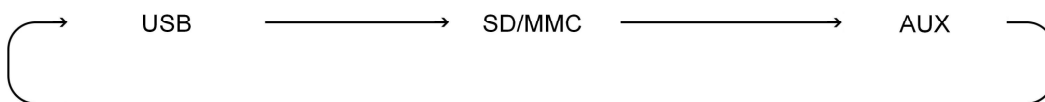
If USB or SD/MMC source are selected you can copy files from one source to another (from USB to SD/MMC and otherwise). Press REC button and by using REV and CUE keys find the desired folder. After this you must select the file from this folder by pressing REV or CUE for the long time. Now you can press REC button one more time and copying will be starts. During the copy procedure display will show "COPY". If copy is successful "COPY OK" appears on the screen.

### **Delete**

If USB or SD/MMC source are selected you can delete files from memory card or flash. First of all you must press DEL button to turn on delete function. By pressing REV or CUE keys find the folder. After this you must select the file from this folder by pressing REV or CUE for the long time. After file selection press DEL button one more time to delete file.

### **FUNC**

This key allows change music source and select AUX input. When this key is pressed device mode are changed cyclically as in picture below.



### **IR detector**

Receive controls commands from remote control.

## General specifications

1. Available sources	USB flash and SD/MMC card
2. Maximum compatible USB SD/MMC size	up to 32GB
3. Input	Stereo RCA (REC input)
4. Output	Stereo RCA
5. Max REC input level	0,8 V
6. Output level	1,2 V $\pm$ 2 dB
7. THD	0.8 % @ 1 kHz
8. Frequency response	20 Hz – 20 kHz
9. Signal to noise ratio	80 dB
10. Stereo separation	60 dB
11. Maximum recording bitrate	192 kbps
12. Supported audio formats	Compressed audio
13. Power supply	230 V 50 Hz
14. Power consumption	50 VA
15. Weight	3,5 kg
16. Dimension	482 mm*44 mm*250 mm