

User Manual

MP 01 Music player



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 player has a stable base and it is fixed securely.
- 4 This product, in combination with amplifier and loudspeakers 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 otorhinolaryngologists.
- 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.

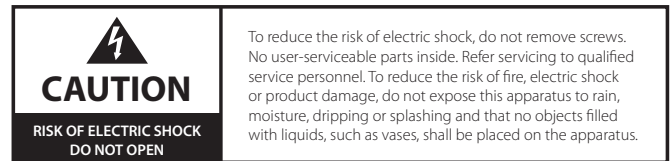


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Before you start

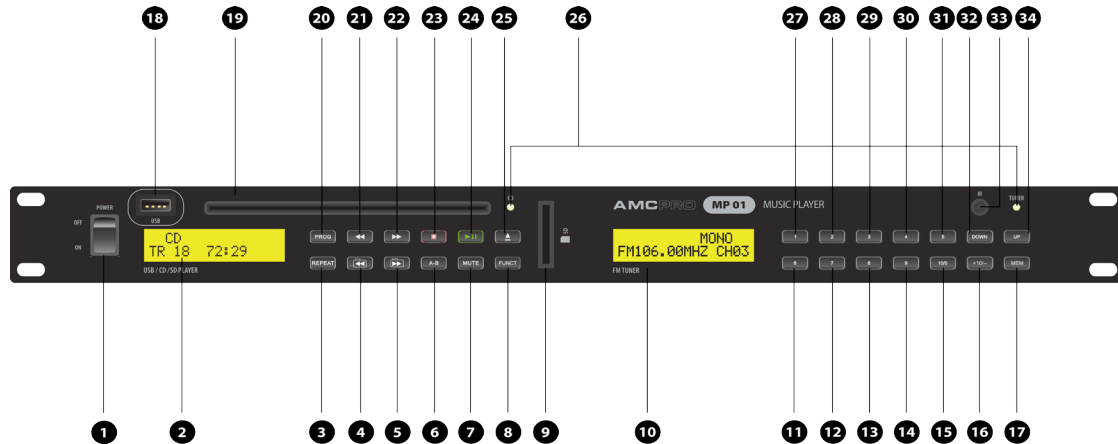
MP01 music players with integrated CD player, FM tuner and USB, SD reader. MP 01 CD player and FM tuner functions can be controlled by remote control supplied with each player. Two separate CD and FM tuner line outputs support 2-zone music applications.

FEATURES

- Compressed audio playback
- Supports up to 32GB USB flash and SD cards
- ID3 and RDS information support
- IR remote control
- Balanced stereo audio output

Operation

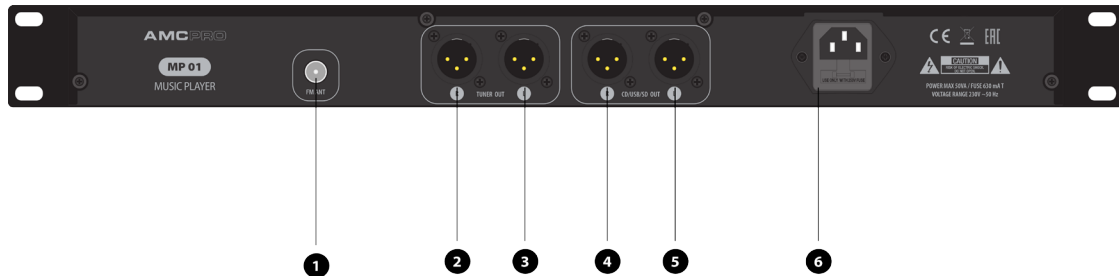
Front Panel



1. Power ON/OFF switch | 2. CD/USB/SD Display | 3. Repeat | 4. Folder skip button | 5. Folder skip button | 6. A-B repeat button | 7. Mute
 8. CD/USB/SD selector | 9. SD/MMC slot | 10. Tuner display | 11. Station preset button 6 | 12. Station preset button 7 | 13. Station preset button 8
 14. Station preset button 9 | 15. Station preset button 10 | 16. Jump through 10 radio station | 17. Memory button | 18. USB slot | 19. CD slot | 20. Program
 button | 21. Track skip button | 22. Track skip button | 23. Stop button | 24. Play/pause button | 25. CD eject button | 26. LED indicator for IR remote control
 27. Station preset button 1 | 28. Station preset button 2 | 29. Station preset button 3 | 30. Station preset button 4 | 31. Station preset button 5 | 32. Station
 search button (down) | 33. IR detector for IR remote control | 34. Stations search button (up)

Operation

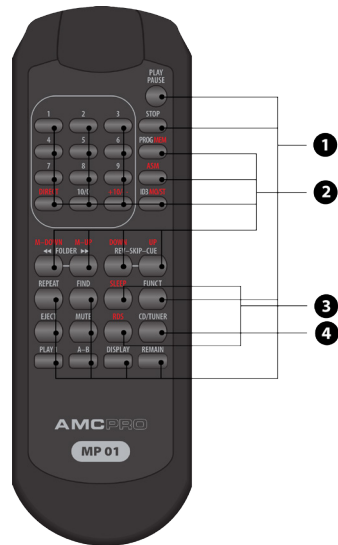
Rear Panel



1. FM antenna input | 2. Tuner right channel output | 3. Tuner left channel output | 4. CD/USB/SD right channel output
5. CD left channel output | 6. Mains input socket and fuse

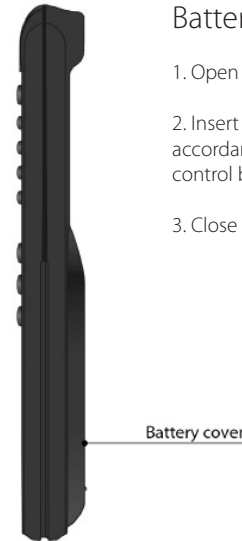
Operation

IR remote control



Batteries changing

1. Open the battery cover
2. Insert two AAA batteries in accordance with marks in the remote control battery compartment
3. Close the battery cover



1. IR remote buttons which are assigned to control CD/USB/SD player only. | 2. IR remote buttons which are assigned to control both CD/USB/SD player and radio tuner. In white color are marked functions for the CD/USB/SD player, in red – functions for the radio tuner. | 3. IR remote buttons which are assigned to control radio tuner player only. | 4. This function identifies which part of the player CD/USB/SD or Radio tuner will be sensitive to IR remote control. Selected part is indicated by green color LED on the front panel.

Operation

Tuner Functions

MEMORY

This function is designed for adding radio stations in the presets and adjusting the clock.

Radio tuner is turned on:

After pressing "Memory" button the preset number starts flashing. Set the preset number by using number keys and press "Memory" to save the preset. At this moment the displayed frequency will be memorized in the selected preset (from 1 to 30). After 5 seconds of inactivity memory mode shuts off automatically.

Radio tuner is turned off:

Press "Memory" button and LCD will display the time. Use UP/DOWN keys to adjust minute's, to adjust hours press "Memory" one more time. To confirm the time press "Memory" again.

UP/DOWN

Auto tuning starts after pressing "UP" or "DOWN" button more than 1,5 sec when "UP" or "DOWN" button is pressed for a short time manual search mode is activated, every time when "UP" button is pressed, the FM frequency is increased by 50kHz. Every time when "DOWN" button is pressed, the FM frequency is decreased by 50kHz.

+10/--

This key jumps 10 steps through the preset station list. For example. If preset 2 is selected, after pressing +10/-- button preset No. 12 will be selected. if +10/-- button will be pressed one more time preset No. 22 will be selected. Press this button more than 1,5 second and the station number can be added using the numbers' key.

10/0

To jump between the 1 and 10 presets stations press "10/0" button.

SLEEP

The radio tuner automatically turns off after terminated time if the sleep mode is active. The sleep time begins from 90 seconds and changes cyclically 90 → 80 → 70 → 60 → 50 → 40 → 30 → 20 → 10 → OFF with every pushing the SLEEP key when the sleep time is in the display.

ASM

This is an auto search for radio stations function. Press "AMS" button more than 1,5 seconds and the tuner will search the radio station and store in memory automatically.

Operation

DIRECT

This function allows to set radio stations frequency by using the number buttons. Press this button once, then use the number buttons to input the station frequency, again press "DIRECT" key to confirm the frequency and the tuner will jump to this station. If the input frequency is beyond the range, the tuner will display ERR.

RDS

This key is useful to change RDS functions* cyclically PS→PTY→RT→CT
PS – program service (call letters or station identity name will displayed)
PTY - program type (allows easily to find similar program by genre News, Drama, Rock music...)

RT - radio text (textual information, usually title and artist of the currently playing song)

CT - clock time

MUTE

Press "Mute" button to mute audio output, to disable mute press "Mute" again.

MO/ST

Press "MO/ST" button to set mono or stereo mode for the radio tuner.

ME/UP

This function allows to jump to the next radio station of the radio station presets.

ME/DOWN

This function allows to jump to the previous radio station of the radio station presets.

CD/TUNER

This function identifies, which part of the player CD/USB/SD or Radio tuner will be sensitive to IR remote control. Selected part is indicated by green color LED on the front panel.

CD/USB/SD Functions

PLAY/PAUSE

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

STOP

When CD is playing or is in pause mode, by pressing this key it stops.

FUNCT

This button is designed for audio source selection. (CD/USB/CARD)

A-B

This function is for repeat the selected place in the sound track. When sound track is playing press this button one time to set start point and press second time to set end point. For the stopping "A - B" repeat, press "A - B" button one more time.

Operation

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.

REV

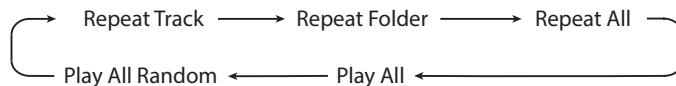
In stop mode this key changes starting track (file) in descending order, and automatically goes to the last track if it is in first track. Single pressed in play mode or program mode changes to previous track (file). By pressing longer than 0,7 sec switches to fast reverse mode.

FOLDER >>

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.

REPEAT

In USB/SD mode, when pushing the key PLAY mode switches like shown below:



While pushing the key in CD mode, PLAY mode is changed in this order:



EJECT

By pushing this key CD is ejected.

PROG

This key is used for programming. All program is cleared when STOP key is pushed in the programming mode.

MUTE

When this key is pushed during CD/USB/SD is playing, the sound in the output is muted. Pressed again the sound is turned on again.

Specifications

GENERAL

Input	FM 75 ohm unbalanced antenna terminal USB port, SD/MMC port
Output	Stereo balanced XLR output for FM tuner Stereo balanced XLR output for CD/USB/SD player
Power supply	230V AC 50Hz
Power consumption	50 VA
Weight	3,8kg
Dimensions	482mm x 44mm x 250mm

TUNER SECTION

Output level	-5 dBu
Tuning Frequency range	87,5 – 108 MHz
Sensitivity	10 μ V
S/N ratio	55 dB
Image rejection	45 dB
THD	0,1 %
Audio channel separation	35 dB

CD SECTION

Output level	+4dBu (\pm 2dBu)
Output level difference between channels	2dB
Frequency response	20 Hz 20 KHz
Audio channel separation @ 1 KHz	60 dB
THD	0,1 %
S/N ration	70 dB

The specifications are correct at the time of printing this manual. For improvement purposes, all specifications for this unit, including design and appearance, are subject to change without prior notice.