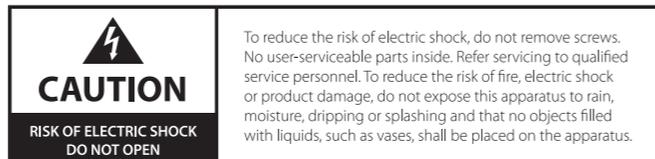**User Manual** | **MP 22 Media Player**

AMC®

MP 22

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 media player 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.

CAUTION

RISK OF ELECTRIC SHOCK DO NOT OPEN

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.

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Before you start

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Specifications

Before you start

MP 22 is a double media player for two zone audio installations. It features compressed audio playback, Bluetooth, FM radio and two zone paging capabilities with the addition of AMC TALK Z2 microphone desk stand. It is a flexible media player for places that constantly use multiple audio sources and need to switch them easily between two zones.

FEATURES

- Compressed audio playback

- Supports up to 32GB USB flash and SD cards

- 2 Media players with SD/USB reader, FM radio and Bluetooth audio interface

- Two-zone paging with the addition of AMC TALK Z2 microphone desk stand

- 2 RCA stereo line inputs

- 3.5 mm plug AUX input

- Balanced stereo Phoenix outputs
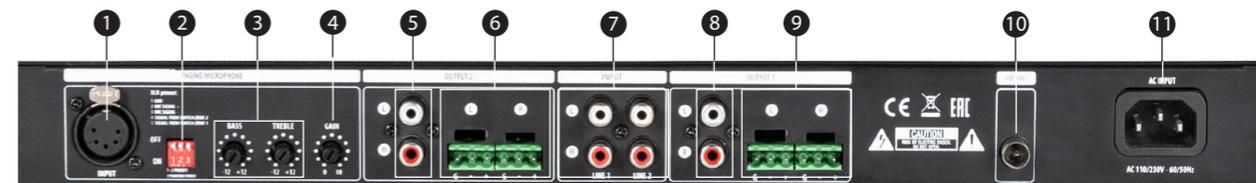
- Stereo RCA AUX input

- IR remote control

Operation

Front Panel

1. Power switch | 2. Track skip buttons | 3. Play/Pause | 4. Media player mode | 5. AUX input | 6. Output source selector | 7. Output volume
8. Output tone controls | 9. Player 2 with identical controls to Player 1
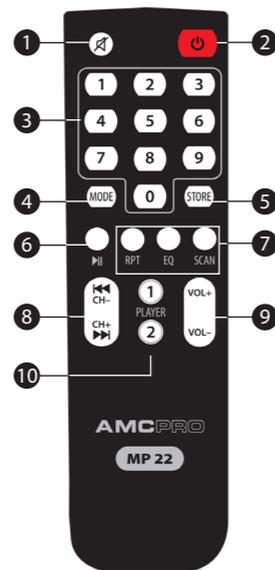
Rear Panel

1. 5-pin XLR input for paging microphone | 2. Priority and phantom power dip-switches | 3. Microphone tone controls | 4. Microphone gain
5. Player 2 RCA output | 6. Player 2 balanced Phoenix output | 7. RCA Line 1 & Line 2 inputs | 8. Player 1 RCA output | 9. Player 1 balanced Phoenix output
10. FM antenna connector | 11. Mains power connector

Operation

Remote control

To select which media player will be controlled, press player selector button (10).

1. Media player mute | 2. Media player power ON / OFF | 3. Numeric keypad | 4. Media player mode select | 5. Store | 6. Play / pause
7. Repeat, Equalizer and Scan buttons | 8. Track skip buttons | 9. Media player volume | 10. Media player selector

Changing batteries

1. Open the battery cover on the back of the remote control

2. Insert two AAA batteries as marked inside the remote control battery compartment

3. Close the battery cover

Operation

Front Panel Operation

POWER SWITCH
Switch MP 22 power ON / OFF.

SD / USB SOCKETS
Media player supports up to 32 GB flash storage.

LED SCREEN
LED screen displays main information about media player status: track number and playing time, media player volume level.

PLAY/PAUSE
Start or pause player.

TRACK SKIP BUTTONS
Short press of track skip buttons will change currently playing track to previous or next track.
Long press will adjust media player volume.

MODE
Change media player source between SD / USB / FM radio / Bluetooth.

INPUT SELECTOR
Select audio source for output.

AUX INPUT
3.5 mm jack connector for external audio source.

VOLUME CONTROL
Rotary knob for adjusting output level.

BASS & TREBLE TONE CONTROLS
Tone controls provide attenuation of bass and treble response. The flat position is obtained when the knobs are set to the middle. Turn the knob clockwise to raise tone level +12 dB; turn counter-clockwise to lower tone level by -12 dB.

Operation

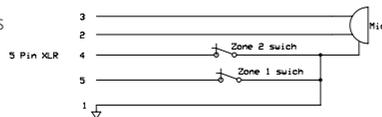## Rear Panel Operation

PAGING MICROPHONE INPUT
5-pin XLR connector for paging microphone and AMC TALK Z2 paging station.

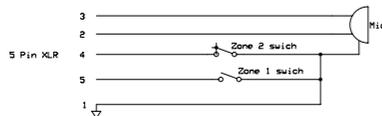PAGING MICROPHONE INPUT PINOUT 5-PIN XLR CONNECTOR:
1. GND | 2. MIC audio signal + | 3. MIC audio signal –
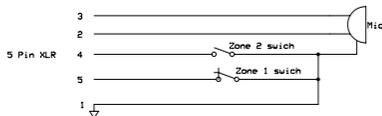4. Zone 2 trigger | 5. Zone 1 trigger

APPLICATION CIRCUIT DIAGRAMS:

Microphone is muted in both zones

Microphone is muted in zone 2

Microphone is muted in zone 1

PRIORITY AND PHANTOM POWER SWITCHES
Set paging microphone input priority for outputs 1 & 2.
When using condenser microphones, switch ON phantom power.

MICROPHONE GAIN AND TONE CONTROLS
Adjust paging microphone sensitivity, bass and treble response.

OUTPUT CONNECTORS
Balanced Phoenix connectors in parallel to stereo RCA for connecting MP 22 to the amplifier.

LINE INPUTS
Stereo RCA connectors for external sound sources.

FM ANTENNA
FM radio antenna connector.

MAINS POWER INPUT
Connect device to mains power supply using provided power cable.

Operation

Media Player Operation

SD / USB PLAYER

PLAYING MEDIA FROM SD / USB
Press PLAY button to play or pause player.
Press track skip buttons to select next or previous track.
Press RPT button on the remote to repeat ONE track, or ALL tracks.

FM RADIO

AUTO-SEARCH RADIO STATIONS
Press and hold PLAY button on front panel or SCAN button on the remote to automatically search all available radio stations. Stations are stored in presets.

NAVIGATING PRESETS
After auto-search, press track skip buttons on the front panel or CH- / CH+ buttons on the remote to navigate between stored station presets.
Digital keypad also can be used to navigate stored presets.

MANUALLY STORE RADIO STATION PRESET
Press Play button (if using IR remote control press Store button) – LCD screen now blinks FM frequency.
Enter FM frequency using numeric keypad or track skip buttons.
Press Play (if using IR remote control press Store) to confirm frequency - LCD screen now blinks FM preset number. Choose preset number using numeric keypad or track skip buttons.
Press Play (if using IR remote control press Store) button to confirm and save.

DELETE FM RADIO STATION PRESETS
To delete all FM radio presets, start the FM radio scan and press MODE button.
This action completely clears FM radio memory and all saved station presets.

BLUETOOTH

PAIRING
In Bluetooth mode, MP 22 becomes ready to pair with another devices.
When no device is connected, screen blinks word BLUE. Search for "AMC Player 1" and "AMC Player 2" on your device respectively for player 1 & player 2.
When connected, screen stops blinking and confirmation sound is played.

Next time MP 22 will automatically connect to your device when Bluetooth mode is selected. You may still need to select "AMC Player 1" or "AMC Player 2" as music output on your device.

UNPAIRING
Press and hold PLAY button on the front panel for a player that needs to be unpaired from Bluetooth device.

CONTROL
Use track skip and PLAY buttons to select track and start/pause playing on your connected Bluetooth device. This function may not work on every device.

General Specifications

MP 22

Power consumption	10 W
Power supply	115 V or 230 V, 50/60 Hz
Output level	Main: 6 dBu Link: 0 dBu
Microphone input	Sensitivity: 56 dBu, impedance: 600 Ω
Line input	Sensitivity: 0 dBu, impedance: 4,7 kΩ
Aux input	Sensitivity: 0 dBu, impedance: 4,7 kΩ,
Phantom power	+48 V
Media player	Radio station memory: 32 stations Max. USB flash or SD card size: 32 GB
Antennas	FM antenna: monopole BNC connector, Bluetooth antenna: internal, working distance > 10 m

Frequency response	20 Hz – 20 kHz
THD	0.10 %
Tone control	Bass: 100 Hz ±12 dB Treble: 10 kHz ±12 dB
Remote control	IR remote
Dimensions	483 mm × 103 mm × 44 mm
Weight	1.7 kg

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.