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> Moukey MAMP3 2.0 Channel Stereo Amplifier User Manual

Moukey MAMP3

Moukey MAMP3 2.0 Channel Stereo Amplifier User Manual

Model: MAMP3 | Brand: Moukey

INTRODUCTION

Thank you for choosing the Moukey MAMP3 2.0 Channel Stereo Amplifier. This amplifier is designed to provide high-quality audio for your home entertainment system, supporting various input sources including Bluetooth 5.3, FM radio, USB, and RCA. It also features two microphone inputs for karaoke and comprehensive EQ controls for a customized listening experience. Please read this manual thoroughly before operating the device to ensure proper use and optimal performance.

SAFETY INFORMATION

- **Power Source:** Ensure the amplifier is connected to a power outlet with the correct voltage as specified on the device.
- **Ventilation:** Do not block any ventilation openings. Allow adequate space around the amplifier for proper airflow to prevent overheating.
- **Moisture:** Keep the amplifier away from water, moisture, and high humidity environments. Do not place liquid-filled objects on the unit.
- **Heat:** Avoid placing the amplifier near heat sources such as radiators, heat registers, stoves, or other heat-producing appliances.
- **Cleaning:** Unplug the unit from the power outlet before cleaning. Use a dry, soft cloth only.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.
- **Speaker Impedance:** Ensure your speakers match the amplifier's impedance requirements (typically 4-16 Ohms) to prevent damage.

PACKAGE CONTENTS

Please check the package for the following items:

- Moukey MAMP3 Stereo Amplifier
- Full-Function Remote Controller (batteries not included)
- Power Adapter
- FM Antenna
- User Manual

PRODUCT OVERVIEW

Front Panel

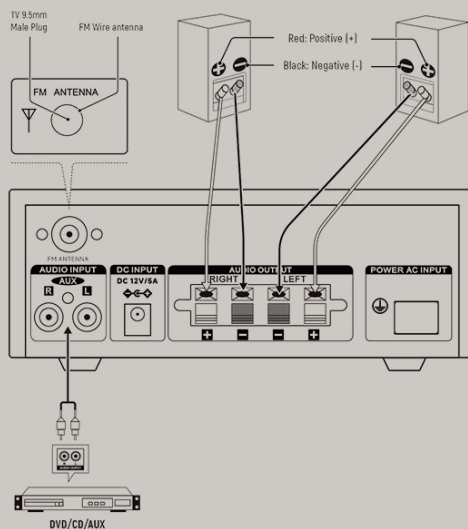


This image displays the front panel of the Moukey MAMP3 amplifier, highlighting its various controls and inputs. Key features include the power switch, USB slot, LED display, microphone inputs (MIC1/2), and various knobs for adjusting microphone volume, echo, treble, bass, and overall music volume. Buttons for mode selection, track control, and repeat function are also visible.

1. **Power Switch:** Turns the amplifier on or off.
2. **MIC1/2:** 6.35mm microphone input jacks.
3. **Microphone Volume Knob:** Adjusts the volume of connected microphones.
4. **Echo Knob:** Controls the echo effect for microphones.
5. **Treble Knob:** Adjusts the high-frequency response of the audio.
6. **Bass Knob:** Adjusts the low-frequency response of the audio.
7. **Music Volume Knob:** Controls the overall output volume of the music.
8. **USB Slot:** For connecting USB flash drives for audio playback.
9. **LED Display:** Shows current mode, FM frequency, track information, etc.
10. **MODE Button:** Cycles through input sources (Bluetooth, Aux, CD, USB, FM).
11. **Previous Button:** Skips to the previous track or adjusts FM frequency.
12. **Play/Pause Button:** Plays or pauses audio playback.
13. **Next Button:** Skips to the next track or adjusts FM frequency.
14. **Repeat Button:** Repeats the current track or playlist.

Back Panel

Back Panel



This image illustrates the back panel of the Moukey MAMP3 amplifier, detailing the various connection ports for audio input, speaker output, and power. It shows the FM antenna connection, RCA input, and speaker terminals.

- **FM ANTENNA:** Connection point for the included FM antenna.
- **AUDIO INPUT (RCA):** Red and white RCA jacks for connecting external audio sources like CD players, DVD players, or other devices.
- **AUDIO OUTPUT (Speakers):** Speaker terminals for connecting passive speakers. Ensure correct polarity (red for positive, black for negative).
- **POWER AC INPUT:** Connect the provided power adapter here.

SETUP

1. Speaker Connection

2 CHANNELS STEREO AMPLIFIER

More power, lower noise



This image shows the proper way to connect two speakers to the back panel of the Moukey MAMP3 amplifier. It highlights the red (+) and black (-) terminals for each speaker, emphasizing correct polarity for optimal sound.

1. Ensure the amplifier is turned off before making any connections.
2. Connect your passive speakers to the AUDIO OUTPUT terminals on the back panel.
3. Match the red (+) terminal on the amplifier to the red (+) terminal on your speaker, and the black (-) terminal on the amplifier to the black (-) terminal on your speaker.
4. Ensure all speaker wires are securely fastened and no stray strands are touching other terminals.

2. Audio Input Connection

SUPPORT 5 SIGNAL INPUTS

Quick setup, enjoy music



This image illustrates the various audio input options available on the Moukey MAMP3 amplifier, including FM radio, USB, microphone, CD/DVD (RCA), and Bluetooth 5.3. It provides a visual guide to the amplifier's versatility in connecting different audio sources.

- **FM Antenna:** Connect the included FM antenna to the FM ANTENNA port on the back panel for radio reception.
- **RCA Input:** Connect your CD player, DVD player, or other audio devices using RCA cables to the AUDIO INPUT (RCA) jacks on the back panel.

- **USB Input:** Insert a USB flash drive into the USB slot on the front panel for playing audio files.
- **Microphone Input:** Connect up to two microphones to the MIC1/2 jacks on the front panel.

3. Power Connection

- Connect the power adapter to the POWER AC INPUT on the back panel of the amplifier.
- Plug the other end of the power adapter into a suitable wall outlet.

OPERATING INSTRUCTIONS

1. Power On/Off

- Press the Power Switch on the front panel to turn the amplifier on or off.

2. Input Selection

- Press the **MODE** button on the front panel or the remote control to cycle through available input sources: Bluetooth (BT), Aux, CD, USB, FM.

3. Bluetooth Mode

QUICKLY SELECT YOUR FAVORITE FM FREQUENCY

For example, to tune to FM 101.1 enter 1011



This image shows a smartphone displaying its Bluetooth settings, with the Moukey MAMP3 amplifier visible in the background. It visually represents the process of pairing a device with the amplifier via Bluetooth, indicating a successful connection.

1. Select Bluetooth (BT) mode using the MODE button. The LED display will show "BT".
2. On your mobile device (smartphone, tablet, etc.), enable Bluetooth and search for available devices.
3. Select "Moukey MAMP3" from the list of devices to pair.
4. Once paired, you can stream audio wirelessly to the amplifier. The wireless range is approximately 40 ft / 12 m.

4. FM Radio

QUICKLY SELECT YOUR FAVORITE FM FREQUENCY

For example, to tune to FM 101.1 enter 1011



This image depicts the Moukey MAMP3 amplifier displaying an FM frequency on its LED screen, with a smartphone in the foreground showing Bluetooth settings. It highlights the amplifier's FM radio capability and the ability to quickly select frequencies.

1. Select FM mode using the MODE button. The LED display will show the current FM frequency.
2. **Auto Scan:** Press and hold the Play/Pause button to automatically scan and save available FM stations.
3. **Manual Tuning:** Use the Previous/Next buttons to fine-tune the frequency.
4. **Direct Frequency Input (Remote Only):** On the remote, you can directly enter the desired FM frequency using

the number pad (e.g., for FM 101.1, enter 1011).

5. USB Playback

- Insert a USB flash drive into the USB slot. The amplifier will automatically switch to USB mode and begin playback.
- Use the Previous, Play/Pause, and Next buttons on the front panel or remote to control playback.

6. RCA/AUX Input

- Connect your external audio device to the RCA input jacks on the back panel.
- Select the appropriate input mode (Aux or CD, depending on the specific model's labeling) using the MODE button.

7. Microphone Input & Karaoke

- Connect microphones to the MIC1/2 jacks on the front panel.
- Adjust microphone volume using the Microphone Volume Knob.
- Use the Echo Knob to add an echo effect to your vocals.
- The remote control also offers a Talkover function for microphone priority.

8. EQ Control

CUSTOMIZED EQ CONTROL & MEMORY

Set the sound as you like, it can remember the "last used mode".



This image displays the various ways to control the equalizer settings on the Moukey MAMP3 amplifier, including the physical knobs on the unit and dedicated buttons on the remote control. It visually demonstrates how users can customize treble, midrange, and bass levels.

- Use the Treble and Bass knobs on the front panel to adjust the high and low frequencies of your music.
- The remote control provides more granular EQ adjustments, including Treble, Midrange, and Bass settings, which can be applied in any input mode.
- The amplifier automatically saves your last used mode, volume, and EQ settings for convenience.

9. Remote Control

UPGRADE TO THE BEST EXPERIENCE



1.0

Input Select



Treble



Midrange



Bass



Echo



Talk Over



2.0

Functionality Mode



Input Select



Treble



Midrange



Bass



Echo



Talk Over



3.0

Functionality Mode



Input Select



Treble



Midrange



Bass



Echo



Talk Over



This image compares different versions of remote controls, highlighting the upgraded full-function remote for the Moukey MAMP3 amplifier. It shows that the new remote offers comprehensive control over input selection, treble, midrange, bass, echo, and talkover functions, which were not fully available on older versions.

- The included full-function remote allows control over all amplifier features, including input selection, volume, EQ (treble, midrange, bass), echo, and Talkover.
- Insert two AAA batteries (not included) into the remote control before use.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to wipe the exterior of the amplifier. Do not use liquid cleaners or aerosols.
- **Storage:** If not in use for an extended period, unplug the amplifier and store it in a cool, dry place away from direct sunlight and extreme temperatures.
- **Remote Control Batteries:** Replace the remote control batteries when its range decreases or it stops responding.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power cable not connected; Power outlet faulty; Amplifier switch off.	Ensure power cable is securely connected. Try a different power outlet. Turn on the power switch.
No sound output	Incorrect input selected; Volume too low; Speakers not connected properly; Speaker wires shorted.	Select the correct input source. Increase the volume. Check speaker connections and polarity. Inspect speaker wires for damage or shorts.
Bluetooth connection fails	Amplifier not in Bluetooth mode; Device too far; Interference; Device already connected to another amplifier.	Ensure amplifier is in BT mode. Move device closer to amplifier. Avoid obstacles. Disconnect from other devices and try again.
Poor FM reception	FM antenna not connected or positioned incorrectly; Weak signal.	Connect the FM antenna securely. Adjust the position of the antenna for better reception.
Remote control not working	Batteries are dead or inserted incorrectly; Obstruction between remote and amplifier.	Replace batteries with new ones, ensuring correct polarity. Remove any obstructions. Point remote directly at the amplifier's sensor.

SPECIFICATIONS

Feature	Detail
Model	MAMP3
Number of Channels	2.0
Output Power (Peak)	300 Watts
Output Power (RMS)	20W × 2
Bluetooth Version	5.3
Bluetooth Range	Up to 40 ft / 12 m

Feature	Detail
Inputs	Bluetooth, FM, USB, RCA (Aux/CD), 2x Microphone (6.35mm)
EQ Control	Treble, Midrange, Bass (via remote); Treble, Bass (via knobs)
Item Dimensions (L x W x H)	6.1 x 7.09 x 2.76 inches
Item Weight	1 Kilogram
Included Components	Remote Controller, Power Adapter, FM Antenna

WARRANTY INFORMATION

The Moukey MAMP3 amplifier comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects and workmanship under normal use. Please retain your proof of purchase for warranty claims. The warranty does not cover damage caused by misuse, accidents, unauthorized modifications, or improper installation.

SUPPORT

If you encounter any issues not covered in this manual or require further assistance, please contact Moukey customer support. Refer to the product packaging or the official Moukey website for contact details.