Moukey MAMP3

Moukey MAMP3 2.0 Channel Stereo Amplifier User Manual

Model: MAMP3

1. INTRODUCTION

Thank you for purchasing the Moukey MAMP3 2.0 Channel Stereo Amplifier. This manual provides essential information for the safe and efficient operation of your device. Please read it thoroughly before use and retain it for future reference.

2. SAFETY INSTRUCTIONS

- Read all instructions before operating the amplifier.
- Keep the amplifier away from water, moisture, and extreme temperatures.
- Do not block ventilation openings. Ensure proper airflow around the unit.
- Use only the power adapter supplied with the unit.
- Do not attempt to repair or modify the unit yourself. Refer all servicing to qualified personnel.
- Disconnect the power cord from the outlet if the unit will be unused for extended periods.

3. PRODUCT OVERVIEW

3.1 Key Features

- 2.0 Channel Stereo Audio Output
- Bluetooth 5.3 for stable wireless connection
- Multiple Audio Inputs: RCA, USB, FM Radio, 2 Microphone Inputs
- Full-function Remote Control with EQ adjustments
- Customizable Treble, Midrange, and Bass controls
- Memory function for mode, volume, and EQ settings
- 300 Watts Peak Power Output

3.2 Front Panel Controls and Indicators

Image 3.1: Front Panel Layout

1. **Power Switch:** Turns the unit on or off.
2. **MIC1/2:** 6.35mm microphone input jacks.
3. **Microphone Volume Knob:** Adjusts the volume of connected microphones.
4. **Echo Knob:** Adjusts the echo effect for microphones.
5. **Treble Knob:** Adjusts the high-frequency audio output.
6. **Bass Knob:** Adjusts the low-frequency audio output.
7. **Music Volume Knob:** Main volume control for all audio sources.
8. **USB Slot:** For connecting USB storage devices for audio playback.

9. **LED Display:** Shows current mode, track information, or FM frequency.
10. **MODE Button:** Switches between input sources (BT, Aux, CD, USB, FM).
11. **Previous Button:** Skips to the previous track (USB/BT) or FM station.
12. **Play/Pause Button:** Plays or pauses audio (USB/BT).
13. **Next Button:** Skips to the next track (USB/BT) or FM station.
14. **Repeat Button:** Repeats current track or all tracks (USB).

3.3 Rear Panel Connections

Image 3.2: Rear Panel Connections

- **FM Antenna Input:** Connect the included FM antenna for radio reception.
- **AUDIO INPUT (RCA):** Connect external audio sources like CD/DVD players using RCA cables.
- **AUDIO OUTPUT (Speaker Terminals):** Connect passive speakers. Ensure correct polarity (+ to + and - to -).
- **POWER AC INPUT:** Connect the power cord to an AC outlet.

4. SETUP

4.1 Unpacking

Carefully remove the amplifier and all accessories from the packaging. Verify that all items listed in the 'What's in the Box' section are present.

4.2 Connecting Speakers

The MAMP3 amplifier supports two passive speakers. Connect your speakers to the **AUDIO OUTPUT** terminals on the rear panel. Ensure that the positive (+) terminal on the amplifier connects to the positive (+) terminal on your speaker, and the negative (-) terminal on the amplifier connects to the negative (-) terminal on your speaker. Incorrect polarity can affect sound quality.

Image 4.1: Speaker Connection Diagram

4.3 Connecting Audio Sources

The amplifier offers multiple input options:

- **RCA Input:** Use RCA cables to connect devices such as CD players, DVD players, or other audio equipment to the **AUDIO INPUT** jacks on the rear panel.
- **USB Input:** Insert a USB flash drive into the **USB Slot** on the front panel for direct audio playback.
- **Bluetooth:** Pair your Bluetooth-enabled device (smartphone, tablet, laptop) wirelessly.
- **FM Radio:** Connect the included FM antenna to the **FM Antenna Input** on the rear panel for radio reception. Extend the antenna for optimal signal.
- **Microphone Inputs:** Connect up to two microphones to the **MIC1/2** jacks on the front panel for karaoke or public address.

Image 4.2: Available Signal Inputs

4.4 Power Connection

Connect the power cord to the **POWER AC INPUT** on the rear panel and then plug it into a standard AC power outlet.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

Press the **Power Switch** on the front panel to turn the amplifier on or off. The LED display will illuminate when the unit is powered on.

5.2 Input Selection

Press the **MODE** button on the front panel or the remote control to cycle through the available input sources: Bluetooth (BT), Auxiliary (Aux), CD, USB, and FM radio. The selected mode will be shown on the LED display.

5.3 Volume Control

Rotate the large **Music Volume Knob** on the front panel clockwise to increase volume and counter-clockwise to decrease it. Volume can also be adjusted using the remote control.

5.4 Equalizer (EQ) Adjustment

Adjust the sound characteristics using the **Treble Knob** and **Bass Knob** on the front panel. The remote control also provides dedicated buttons for Treble, Midrange, and Bass adjustments. The amplifier will automatically save your preferred EQ settings.

Image 5.1: Customizable EQ Control

5.5 Microphone Controls

If microphones are connected, use the **Microphone Volume Knob** to adjust their output level and the **Echo Knob** to add an echo effect. The remote control also features a 'Talkover' function.

5.6 Bluetooth Operation

1. Press the **MODE** button until "BT" appears on the LED display. The amplifier is now in Bluetooth pairing mode.
2. On your mobile device, enable Bluetooth and search for "Moukey MAMP3".
3. Select "Moukey MAMP3" to pair. Once connected, you will hear a confirmation tone.
4. You can now play audio from your device through the amplifier.

Image 5.2: Bluetooth Pairing

5.7 FM Radio Operation

1. Press the **MODE** button until "FM" appears on the LED display.
2. **Auto Scan:** Press the "AUTO" button on the remote to automatically scan and save available FM stations.
3. **Manual Tuning:** Use the number pad on the remote control to directly enter the desired FM frequency (e.g., for 101.1 MHz, enter 1011).
4. Use the **Previous** and **Next** buttons to navigate between saved stations or fine-tune frequencies.

5.8 USB Playback

Insert a USB flash drive containing MP3 or WAV audio files into the **USB Slot**. The amplifier will automatically switch to USB mode and begin playback. Use the **Previous**, **Play/Pause**, and **Next** buttons to control playback. The **Repeat** button allows you to repeat the current track or all tracks.

5.9 Remote Control

The included full-function remote control allows for convenient operation from a distance. It provides control over input selection, volume, EQ settings (treble, midrange, bass), microphone echo, and talkover functions across all input modes.

UPGRADE TO THE BEST EXPERIENCE

1.0

Input Select
⊗
Treble
⊗
Midrange
⊗
Bass
⊗
Echo
⊗
Talk Over
⊗

2.0

Funtionality Mode
⊗
Input Select
⊗
Treble
⊗
Midrange
⊗
Bass
⊗
Echo
⊗
Talk Over
⊗

3.0

Funtionality Mode
✓
Input Select
✓
Treble
✓
Midrange
✓
Bass
✓
Echo
✓
Talk Over
✓

Image 5.3: Upgraded Remote Control Functionality

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the amplifier. Do not use liquid cleaners or solvents.
- **Ventilation:** Ensure that the ventilation openings are free from dust and debris to prevent overheating.
- **Storage:** When not in use for extended periods, store the amplifier in a cool, dry place, away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power cord not connected; Power outlet faulty; Power switch off.	Ensure power cord is securely connected; Test outlet with another device; Turn power switch on.
No sound output	Volume too low; Incorrect input selected; Speaker wires loose/incorrectly connected; Audio source issue.	Increase volume; Select correct input mode; Check speaker wire connections and polarity; Verify audio source is playing.
Bluetooth not connecting	Amplifier not in BT mode; Device too far; Device already connected to another unit; Interference.	Switch amplifier to BT mode; Move device closer; Disconnect from other devices; Reduce interference.
Poor FM reception	Antenna not connected or poorly positioned; Weak signal.	Connect and adjust FM antenna position; Try auto-scan or manual tuning for stronger stations.
USB playback issues	Unsupported file format; USB drive not formatted correctly; USB drive capacity too large.	Ensure files are MP3/WAV; Format USB drive to FAT32; Use USB drives 32GB or less.

8. SPECIFICATIONS

Feature	Specification
Model Number	MAMP3
Output Power	300 Watts (Peak)
Channels	2.0 Stereo
Connectivity Technology	Auxiliary, Bluetooth 5.3, FM, USB
Compatible Devices	Smartphone, Tablet, Laptop, Computer, Speakers, CD/DVD Player
Connector Type	RCA, USB, 2 Mic input
Audio Output Mode	Stereo
Product Dimensions	6.1"D x 7.1"W x 2.8"H (15.5 x 18.0 x 7.1 cm)
Item Weight	2.14 pounds (0.97 kg)
Color	Black

8.1 What's in the Box

- Moukey MAMP3 Amplifier
- Remote Controller
- FM Antenna
- User Manual
- Power Adapter

9. WARRANTY AND SUPPORT

9.1 Warranty Information

Moukey products are designed and manufactured to the highest quality standards. This product is covered by a limited warranty against defects in materials and workmanship. Please refer to the warranty card included with your purchase for specific terms and conditions, or visit the official Moukey website for detailed warranty information.
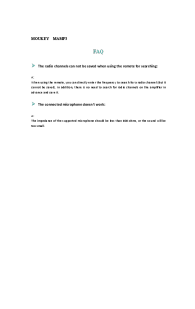
9.2 Customer Support

If you encounter any issues or have questions regarding your Moukey MAMP3 amplifier, please contact our customer support team. You can find contact information on the official Moukey website or through your purchase platform.

Website: www.moukey.com (Example link, please refer to actual product documentation)
Email: support@moukey.com (Example email, please refer to actual product documentation)

Related Documents - MAMP3

	Moukey MAMP1 Digital Karaoke Amplifier User Manual Comprehensive user manual for the Moukey MAMP1 Digital Karaoke Amplifier, detailing features, operation, controls, and safety instructions for home theater systems.
	MOUKEY MAMP3 FAQ: Radio Channel and Microphone Troubleshooting Find answers to common questions about the MOUKEY MAMP3 audio amplifier, covering radio channel saving and microphone functionality.
	MOUKEY MAMP3 FAQ: Radio- und Mikrofonprobleme Häufig gestellte Fragen und Antworten für den MOUKEY MAMP3, die sich mit dem Speichern von Radiokanälen und der Funktionalität von Mikrofonen befassen.

USER MANUAL Stereo Power Amplifier MAMP1	**Moukey MAMP1 Stereo Power Amplifier User Manual** This user manual provides detailed instructions for operating the Moukey MAMP1 Stereo Power Amplifier, covering features, safety, connections, basic operation, and troubleshooting.
USER MANUAL MPS3 PORTABLE KARAOKE SPEAKER	**Moukey MPS3 Portable Karaoke Speaker User Manual** Comprehensive user manual for the Moukey MPS3 Portable Karaoke Speaker, detailing its features, setup, operation, maintenance, troubleshooting, and safety guidelines. Learn how to connect via Bluetooth, TF card, USB, or Aux, and utilize TWS functionality.

[MOUKEY MAMP2 FAQ - Troubleshooting and Usage Guide](#)

Frequently Asked Questions (FAQ) for the MOUKEY MAMP2 mini amplifier, covering radio channel saving and microphone connectivity issues.