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Moukey MAMP7

Moukey MAMP7 Audio Power Amplifier User Manual

Model: MAMP7

1. INTRODUCTION

Thank you for choosing the Moukey MAMP7 Audio Power Amplifier. This amplifier is designed to provide high-quality audio amplification for various applications, including home theater, karaoke, and general audio playback. It features Bluetooth 5.0 connectivity, multiple input options (USB, SD, FM, RCA), and dedicated microphone inputs with echo and delay effects for an enhanced karaoke experience. Please read this manual thoroughly to ensure proper setup and operation.

2. PACKAGE CONTENTS

Please check the package for the following items:

- Moukey MAMP7 Audio Power Amplifier
- Remote Control
- Microphone (quantity may vary based on package)
- User Manual

3. PRODUCT OVERVIEW

3.1 Front Panel Controls

The front panel provides access to various controls and input ports for easy operation.

Product Details



Image: Front and rear panel overview of the Moukey MAMP7 amplifier, showing various controls and connection points.

- **POWER Button:** Turns the amplifier on or off.
- **MUSIC VOLUME Knob:** Adjusts the overall music volume.
- **INPUT SELECTOR Knob:** Selects the audio input source (BT, FM, USB/SD, LINE 1, LINE 2).
- **BALANCE Knob:** Adjusts the left/right channel balance.
- **TREBLE Knob:** Adjusts the high-frequency audio level.
- **BASS Knob:** Adjusts the low-frequency audio level.
- **MIC1 / MIC2 Inputs:** 6.35mm jacks for connecting microphones.
- **MIC VOL Knob:** Adjusts the microphone volume.
- **ECHO Knob:** Adjusts the echo effect for microphones.
- **DELAY Knob:** Adjusts the delay effect for microphones.
- **USB/SD Card Slots:** For playing MP3 audio files from USB drives or SD cards (up to 32GB).
- **TFT Display:** Shows current mode, volume level, FM frequency, and other status information.

3.2 Rear Panel Connections

The rear panel houses the main audio input and output connections.

Product Details



Image: Detailed view of the rear panel connections, including RCA inputs for DVD/CD, Line Out, speaker terminals, and FM antenna port.

- **FM ANTENNA:** Connects to the FM antenna for radio reception.
- **AUDIO INPUT (DVD/CD):** RCA input jacks for connecting external audio sources like DVD players or CD players.
- **LINE OUT:** RCA output jacks for connecting to other audio devices.
- **SPEAKER OUTPUT Terminals:** Connects to passive speakers (4-8 ohms impedance).
- **POWER Input:** Connects to the AC power supply.

4. SETUP INSTRUCTIONS

4.1 Connecting Speakers

Connect your passive speakers to the **SPEAKER OUTPUT** terminals on the rear panel. Ensure correct polarity (positive to positive, negative to negative) for optimal sound quality. The amplifier supports speakers with 4-8 ohms impedance.

Perfect match for 6.5-8 inch speakers

(the speaker does not include)



Image: The Moukey MAMP7 amplifier connected to two bookshelf speakers, demonstrating a typical setup.

4.2 Connecting Audio Sources

Use RCA cables to connect external audio sources (e.g., DVD player, CD player) to the AUDIO INPUT (DVD/CD) jacks on the rear panel. For other line-level devices, use the appropriate RCA input.

4.3 Connecting FM Antenna

Connect the provided FM antenna to the FM ANTENNA port on the rear panel for radio reception.

4.4 Power Connection

Connect the power cable to the POWER 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** button on the front panel to turn the amplifier on or off. The TFT display will illuminate when

the unit is powered on.

5.2 Input Selection

Rotate the **INPUT SELECTOR** knob on the front panel or use the corresponding buttons on the remote control to switch between available input sources: Bluetooth (BT), FM Radio (FM), USB/SD, LINE 1, and LINE 2.



Image: Close-up view of the Input Selector knob on the front panel, showing the available input options.

5.3 Bluetooth Operation

To connect a Bluetooth device:

1. Press the **MODE** button (or use the INPUT SELECTOR) to switch to Bluetooth mode. The display will show "BLUE".
2. On your Bluetooth device (smartphone, tablet, laptop), enable Bluetooth and search for available devices.
3. Select "MAMP7" from the list of devices to connect. A beep sound (if speakers are connected) indicates a successful connection.



Image: The Moukey MAMP7 amplifier in a living room setting, demonstrating Bluetooth connectivity with a smartphone and indicating usage distances.

5.4 FM Radio

In FM mode, press the **AUTO/II** button to automatically scan and save available radio stations. Use the **CH-** and **CH+** buttons to navigate through saved stations.

5.5 USB/SD Playback

Insert a USB drive or SD card (up to 32GB, containing MP3 files) into the respective slot on the front panel. The amplifier will automatically switch to USB/SD mode and begin playback. Use the **PLAY/PAUSE**, **PREV**, **NEXT**, and **REPEAT** buttons for control.

5.6 Karaoke Function

Connect microphones to the **MIC1** or **MIC2** input jacks. Adjust the microphone volume using the **MIC VOL** knob. Enhance your vocals with the **ECHO** and **DELAY** effects using their respective knobs.



Image: Close-up view of the MIC VOL, ECHO, and DELAY control knobs on the front panel.



Image: A mother and daughter enjoying karaoke with the Moukey MAMP7 amplifier, demonstrating its use in a home setting.

6. TROUBLESHOOTING

6.1 Bluetooth Connection Issues

If you experience issues with Bluetooth connectivity, consider the following:

- Ensure the amplifier is in Bluetooth mode (display shows "BLUE"). Press the "MODE" button if necessary.
- Verify that Bluetooth is enabled on your transmitting device (e.g., mobile phone).
- Search for "MAMP7" in your device's Bluetooth settings and attempt to connect. A beep indicates a successful connection.
- If the connection is unstable, ensure there are no obstacles (especially metal objects) blocking the signal path.
- Try turning off the amplifier, disconnecting and clearing the connection on your Bluetooth device, then attempt to reconnect.
- The amplifier supports only one Bluetooth connection at a time. Connecting multiple devices simultaneously may disrupt the audio stream.
- Bluetooth speakers are receivers and already contain a small power amplifier. Connecting them to the MAMP7 amplifier may cause damage.

6.2 External Bluetooth Receiver Connection

If the amplifier's built-in Bluetooth range is insufficient, you can connect an external Bluetooth receiver:

1. Identify an available input port on the amplifier, such as the 3.5mm AUX port or an RCA port (AUDIO INPUT).
2. Connect the output of your external Bluetooth receiver to the chosen input port on the amplifier. Use appropriate adapter cables if necessary.

6.3 No Sound Output

- Check all cable connections, especially speaker wires, for secure and correct polarity.
- Ensure the correct input source is selected on the amplifier.
- Increase the MUSIC VOLUME and MIC VOL knobs.
- Verify that the audio source device is playing and its volume is turned up.

7. SPECIFICATIONS

Here are the technical specifications for the Moukey MAMP7 Audio Power Amplifier:

Feature	Specification
Product Dimensions	10.23"D x 16.92"W x 5.11"H (260mm D x 430mm W x 130mm H)
Item Weight	11.53 pounds (4.32 KG)
Connectivity Technology	Bluetooth 5.0, RCA, USB, SD, FM
Controller Type	Remote Control
Audio Output Mode	Stereo
Surround Sound Channel Configuration	2 Channel
Color	Black
Power Output (RMS)	165W x 2 Channel
Peak Power	350W x 2 Channel
Speaker Impedance	4-8 ohms
USB/SD Card Support	Up to 32GB (MP3 files)

Product Parameters



Image: Diagram showing the dimensions (width, depth, height) and weight of the Moukey MAMP7 amplifier.

8. SAFETY INFORMATION

- Do not expose this unit to rain or moisture to prevent fire or shock hazards.
- Do not open the amplifier casing. There are no user-serviceable parts inside. Refer all servicing to qualified personnel.
- Ensure proper ventilation around the unit to prevent overheating. Do not block ventilation openings.
- Use only the specified power supply voltage.
- Keep the unit away from heat sources, direct sunlight, and strong magnetic fields.
- Avoid placing heavy objects on top of the amplifier.

9. WARRANTY AND SUPPORT

Moukey products are designed for reliability and performance. For any questions, technical support, or warranty inquiries, please contact Moukey customer service through the retailer where you purchased the product or visit the official Moukey website for contact information.

10. PRODUCT VIDEOS

10.1 Moukey Bluetooth 5.0 Karaoke Audio Power Amplifier Overview

Your browser does not support the video tag.

Video: An official product video from Moukey demonstrating the features and functionality of the MAMP7 Bluetooth 5.0 Karaoke Audio Power Amplifier.