

Moukey MAMP1

Moukey MAMP1 400W 2.0 Channel Bluetooth Audio Stereo Amplifier

Instruction Manual

1. OVERVIEW

The Moukey MAMP1 is a compact yet powerful 2.0 channel Bluetooth audio stereo amplifier receiver designed for various home audio applications. It delivers 400 watts of maximum power output, providing a high-quality audio experience for karaoke, home theater, acoustic sound systems, and monitor headphones. Featuring multiple input and output modes, EQ controls, Bluetooth 5.0 connectivity, and an HD LED screen, the MAMP1 offers versatile and user-friendly operation.

2. IMPORTANT SAFETY INFORMATION

- Read and heed all instructions.
- Do not use this product near water.
- Clean only with a dry cloth.
- Ensure the voltage of your local mains supply matches the product's requirements.
- Do not block any ventilation openings. Install according to manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Only use attachments/accessories specified by the manufacturer.
- Unplug this product during lightning storms or when unused for long periods.
- Refer all servicing to qualified service personnel.

3. PACKAGE CONTENTS

- Moukey MAMP1 Audio Stereo Amplifier
- Remote Control
- FM Antenna
- Power Cable
- User Manual

4. PRODUCT FEATURES

- **400 Watts Max Power:** Compact yet powerful 2.0 Channel Bluetooth Audio Stereo Amplifier Receiver, ideal for karaoke, home theater, acoustic sound systems, and monitor headphones.
- **Multiple Input and Output Modes:** Supports 2 pairs of RCA audio inputs (for CD/DVD players), 2 x 1/4 inch (6.35mm) microphone inputs, USB (Max 64G), SD card (Max 32G), 3.5mm AUX IN, and FM radio. Features RCA Line Out and banana plug speaker outputs. Includes a 1/4 inch (6.35mm) headphone connection.
- **EQ Controls:** Features clear, responsive buttons and knobs for microphone echo/volume, balance, bass, treble, master volume, input source, and unique folder/track control.
- **Bluetooth 5.0 Connectivity:** Professional indoor stereo receiver with Bluetooth music streaming up to 40 feet / 10 meters or more. Easily pairs with smartphones, tablets, iPads, iPhones, and computers.
- **HD LED Screen:** Integrated FM radio with built-in LED display and front panel audio control center. FM Antenna and Remote Control included for distant audio adjustments.

5. FRONT PANEL CONTROLS

The front panel provides access to all essential controls for operating your Moukey MAMP1 amplifier.



Figure 1: Moukey MAMP1 Front Panel Layout

1. **Power Switch:** Press to turn the unit ON or OFF.
2. **USB / SD Card Slot:** Insert USB flash drives (max 64GB) or SD cards (max 32G) for MP3 playback.

3. **Mode Button:** Press to cycle through input sources (USB/SD, Bluetooth, FM, AUX, CD, DVD).
4. **BT Button:** Press to select Bluetooth mode.
5. **Prev/Next Buttons:** Navigate tracks in USB/SD/Bluetooth mode or stations in FM mode.
6. **Play/Pause Button:** Play or pause audio playback.
7. **LED Display:** Shows current mode, track information, or FM frequency.
8. **Folder/Track Knob:** Select folders or tracks.
9. **Master Volume Knob:** Adjusts the overall output volume.
10. **Headphone Jack (6.35mm):** Connect headphones for private listening.
11. **Microphone Inputs (MIC1, MIC2 - 6.35mm):** Connect up to two microphones for karaoke or public address.
12. **Mic Volume Knob:** Adjusts the volume of connected microphones.
13. **Echo Knob:** Adjusts the echo effect for microphones.
14. **Bass Knob:** Adjusts the low-frequency output.
15. **Treble Knob:** Adjusts the high-frequency output.
16. **Balance Knob:** Adjusts the left/right channel balance.
17. **Input Selector Knob:** Manually select input sources (CD, AUX, DVD, MP3/BT).

6. REAR PANEL CONNECTIONS

The rear panel provides all necessary ports for connecting your audio sources and speakers.

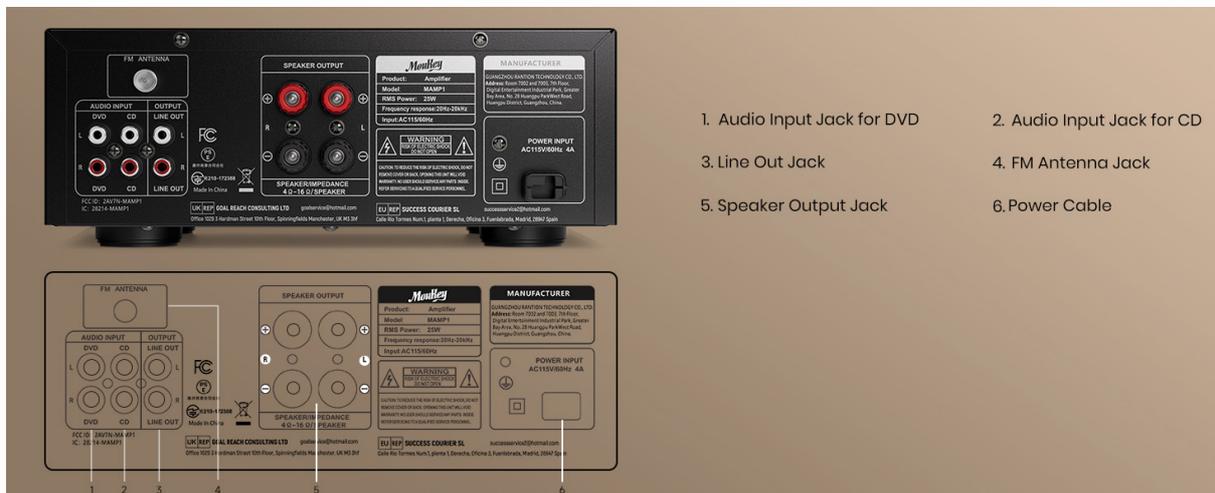


Figure 2: Moukey MAMP1 Rear Panel Layout

1. **FM Antenna Jack:** Connect the included FM antenna for radio reception.
2. **Audio Input (DVD/CD - RCA):** Connect external audio sources like DVD or CD players using RCA cables.
3. **Line Out (RCA):** Connect to another amplifier or recording device.
4. **Speaker Output (Banana Plugs):** Connect your passive speakers. Ensure correct polarity (+ to + and - to -).
5. **Power Input:** Connect the power cable to a standard AC outlet.

7. SETUP

7.1 Speaker Connection

To connect your passive speakers to the Moukey MAMP1 amplifier, follow these steps:

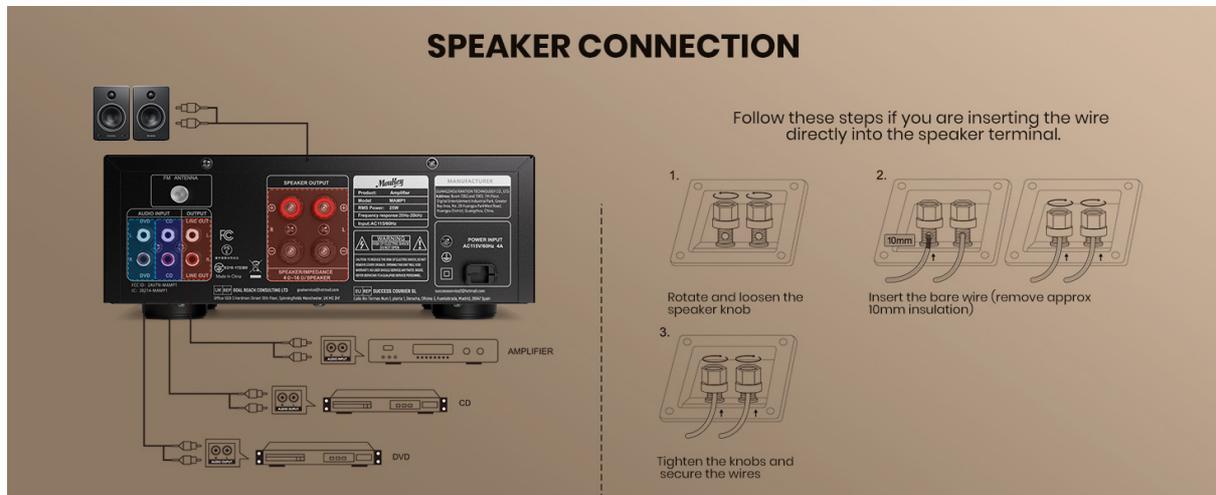


Figure 3: Speaker Connection Diagram

1. Ensure the amplifier is turned off and unplugged from the power outlet.
2. Identify the positive (+) and negative (-) terminals on both your speakers and the amplifier.
3. For bare wire connections: Rotate and loosen the speaker knob on the amplifier. Insert the bare wire (remove approximately 10mm insulation). Tighten the knobs to secure the wires.
4. Connect the positive (+) terminal of your speaker to the positive (+) terminal of the amplifier.
5. Connect the negative (-) terminal of your speaker to the negative (-) terminal of the amplifier.
6. Repeat for all speakers. Ensure all connections are secure to prevent short circuits.

7.2 Connecting Audio Sources

- **RCA Devices (CD/DVD Player):** Use RCA cables to connect the audio output of your CD or DVD player to the corresponding RCA input jacks on the amplifier's rear panel.
- **AUX Devices:** Connect devices with a 3.5mm audio output (e.g., smartphone, tablet) to the 3.5mm AUX IN jack on the front panel.
- **Microphones:** Plug 1/4 inch (6.35mm) microphones into the MIC1 or MIC2 jacks on the front panel.
- **FM Antenna:** Connect the included FM antenna to the FM ANT jack on the rear panel for radio reception.

7.3 Power Connection

1. Ensure all audio and speaker connections are made.
2. Connect the power cable to the AC POWER INPUT on the rear panel of the amplifier.
3. Plug the other end of the power cable into a suitable AC power outlet.

8. OPERATING INSTRUCTIONS

8.1 Power On/Off

Press the **POWER** switch on the front panel to turn the amplifier ON or OFF. The LED display will illuminate when powered on.

8.2 Input Source Selection

Use the **MODE** button or the **INPUT SELECTOR** knob on the front panel to choose your desired audio source (Bluetooth, USB, SD, AUX, FM, CD, DVD).

8.3 Volume and Tone Control

- **Master Volume:** Rotate the **MASTER VOL** knob to adjust the overall sound level.
- **Microphone Volume:** Use the **MIC VOL** knob to adjust microphone volume independently.
- **Echo:** Adjust the microphone echo effect with the **ECHO** knob.
- **Bass/Treble:** Fine-tune the low and high frequencies using the **BASS** and **TREBLE** knobs.
- **Balance:** Adjust the left/right channel balance with the **BALANCE** knob.

8.4 Bluetooth Pairing

1. Press the **MODE** button or **BT** button to select Bluetooth mode. The LED display will show "BLUE".
2. On your mobile device, enable Bluetooth and search for available devices.
3. Select "MAMP1" from the list to pair. A confirmation tone will sound upon successful connection.

8.5 USB/SD Playback

1. Insert a USB flash drive or SD card into the respective slot on the front panel.
2. The amplifier will automatically switch to USB/SD mode and begin playback. If not, press the **MODE** button to select it.
3. Use the **PREV/NEXT** buttons to skip tracks and the **PLAY/PAUSE** button to control playback.

8.6 FM Radio Operation

1. Ensure the FM antenna is connected to the rear panel.
2. Press the **MODE** button to select FM radio mode. The LED display will show the frequency.
3. Press the **AUTO** button to automatically scan and save available FM stations.
4. Use the **CH-** and **CH+** buttons to navigate through saved stations.

9. MAINTENANCE

- Keep the unit clean by wiping it with a soft, dry cloth.
- Avoid using harsh chemicals or abrasive cleaners.
- Ensure proper ventilation by keeping the vents clear of obstructions.
- Store the amplifier in a cool, dry place away from direct sunlight and extreme temperatures.

10. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power cable not connected; Power switch off; Outlet malfunction	Check power cable connection; Turn power switch ON; Test outlet with another device.
No sound output	Incorrect input source; Volume too low; Speaker connections loose/incorrect; Faulty audio cable	Select correct input source; Increase master volume; Check speaker wiring; Replace audio cables.
Bluetooth not connecting	Not in Bluetooth mode; Device too far; Device already connected to another unit	Switch to Bluetooth mode; Move device closer; Disconnect from other devices and try again.
Poor FM reception	Antenna not connected; Weak signal	Connect FM antenna; Adjust antenna position for better reception.

11. SPECIFICATIONS

Feature	Specification
Brand	Moukey
Model	MAMP1
Output Power	400 Watts Max
Channels	2.0 Channel
Bluetooth Version	5.0
Bluetooth Range	Up to 40 feet / 10 meters
Input Interfaces	2x RCA (CD/DVD), 2x 1/4" (6.35mm) MIC, USB, SD, 3.5mm AUX IN, FM Antenna
Output Interfaces	RCA Line Out, Banana Plug Speaker Outputs, 1/4" (6.35mm) Headphone
USB/SD Max Capacity	USB: 64G, SD: 32G
Frequency Response	20Hz-20kHz
Tuner Technology	FM
Product Dimensions	81.28 x 78.74 x 43.18 cm; 3.19 kg

12. WARRANTY AND SUPPORT

Moukey products are designed and manufactured to the highest quality standards. For detailed warranty information and customer support, please refer to the warranty card included in your package or visit the official Moukey website. If you encounter any issues or have questions regarding your MAMP1 amplifier, please contact Moukey customer service for assistance.