

## Moukey MPA80

# Moukey MPA80 PA System User Manual

Model: MPA80

## 1. INTRODUCTION

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Thank you for choosing the Moukey MPA80 PA System. This manual provides essential information for the safe and efficient operation of your new audio system. Please read it thoroughly before use and retain it for future reference.

### Safety Instructions

- Read all instructions carefully before operating the device.
- Keep the product away from water, moisture, and extreme temperatures.
- Do not attempt to disassemble or repair the unit yourself. Refer all servicing to qualified personnel.
- Ensure proper ventilation to prevent overheating.
- Use only the power adapter and accessories specified by the manufacturer.
- Position the speakers and stands on a stable, level surface to prevent tipping.

## 2. WHAT'S IN THE BOX

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Verify that all items are present in the package:

- 1 x 8-inch Active PA Speaker
- 1 x 8-inch Passive PA Speaker
- 2 x Tripod Stands
- 1 x Wired Microphone
- 1 x Remote Control
- 1 x Power Cable
- 1 x Speaker Connection Cable (for active to passive speaker)
- 1 x User Manual (this document)



Image 2.1: Moukey MPA80 PA System components including two speakers, two tripod stands, a wired microphone, and a remote control.

### 3. PRODUCT OVERVIEW

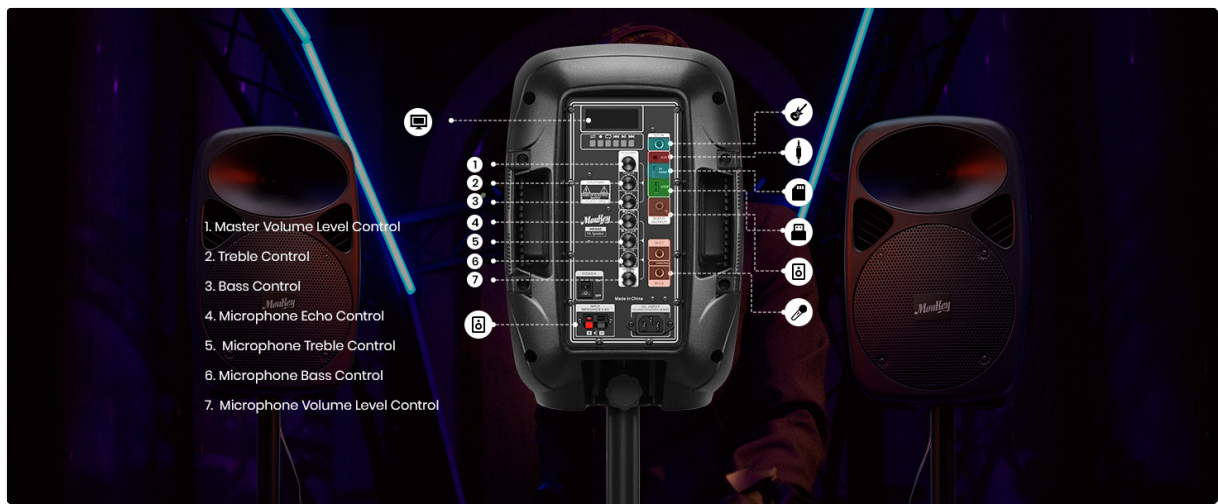
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#### Speaker Components

Each speaker unit features an 8-inch woofer and 1-inch tweeters for balanced audio output.

#### Control Panel (Active Speaker)

The active speaker houses the main control panel. Refer to the image below for a visual guide to the controls and inputs.



*Image 3.1: Detailed view of the Moukey MPA80 PA System's active speaker control panel with numbered labels for each function.*

1. **Master Volume Level Control:** Adjusts the overall output volume.
2. **Treble Control:** Adjusts the high-frequency audio output.
3. **Bass Control:** Adjusts the low-frequency audio output.
4. **Microphone Echo Control:** Adjusts the echo effect for microphone inputs.
5. **Microphone Treble Control:** Adjusts the high-frequency audio for microphone inputs.
6. **Microphone Bass Control:** Adjusts the low-frequency audio for microphone inputs.
7. **Microphone Volume Level Control:** Adjusts the volume of microphone inputs.
8. **USB/TF Card Slot:** For playing audio from USB drives or TF cards.
9. **Mode Button:** Switches between input modes (Bluetooth, USB, TF, FM, AUX).
10. **Play/Pause Button:** Controls playback for USB/TF/Bluetooth.
11. **Previous/Next Track Buttons:** Navigates tracks for USB/TF/Bluetooth.
12. **FM Antenna:** For improved FM radio reception.
13. **AUX Input:** 3.5mm jack for connecting external audio devices.
14. **Mic Inputs (x2):** 1/4-inch jacks for connecting wired microphones.
15. **Power Input:** For connecting the AC power cable.
16. **Power Switch:** Turns the unit on or off.
17. **Speaker Output:** Connects to the passive speaker using the provided cable.

## 4. SETUP

### 4.1 Assembling the Tripod Stands

The included tripod stands provide stable support for your speakers. Follow these steps for assembly:

1. Unfold the legs of the tripod stand until they are fully extended and stable.
2. Adjust the height of the stand using the locking mechanism. Ensure the locking pin is securely engaged.
3. Place a speaker onto the top pole of each stand. Ensure the speaker is seated firmly.



Image 4.1: Diagram showing the steps to assemble the tripod stands and mount the speakers.

## 4.2 Connecting the Speakers

The Moukey MPA80 system includes one active speaker and one passive speaker. The passive speaker must be connected to the active speaker using the provided speaker cable.

1. Locate the speaker output terminals on the active speaker and the input terminals on the passive speaker.
2. Connect one end of the speaker cable to the active speaker's output.
3. Connect the other end of the speaker cable to the passive speaker's input. Ensure a secure connection.

**Note:** The passive speaker does not have its own power source and relies on the active speaker for audio signal and power.

## 4.3 Powering the System

The system can be powered via AC power or its internal rechargeable battery.

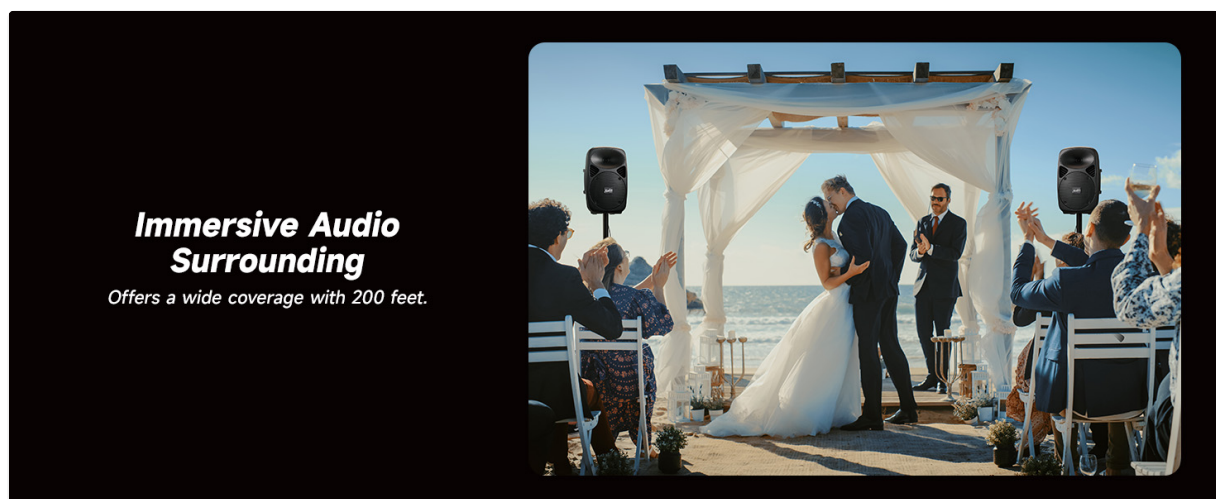


Image 4.2: Illustration of the Moukey MPA80 PA System showing both AC power connection and battery operation for up to 8 hours.

- **AC Power:** Connect the provided power cable to the power input on the active speaker and then to a standard electrical outlet.
- **Battery Power:** The system has a built-in rechargeable battery. Ensure the battery is charged before outdoor or portable use. A full charge can provide up to 8 hours of playtime at 50% volume.
- Flip the Power Switch to the 'ON' position to turn on the system.



## 5. OPERATING INSTRUCTIONS

### 5.1 Bluetooth Connection

Connect your device wirelessly via Bluetooth 5.0.

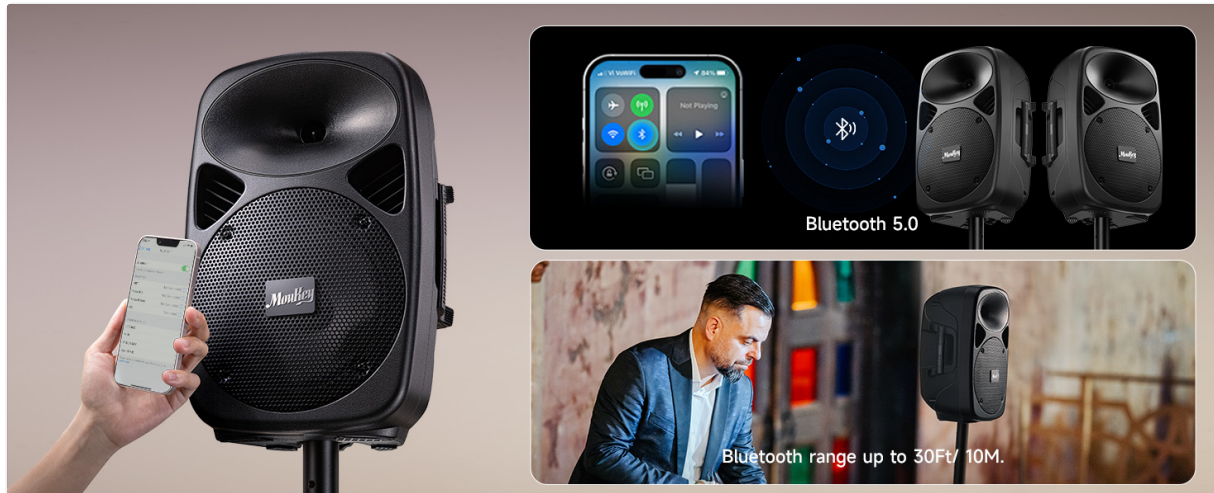


Image 5.1: Image showing a smartphone connecting to the Moukey MPA80 PA System via Bluetooth 5.0, with a Bluetooth range of up to 30 feet.

1. Turn on the PA system.
2. Press the 'Mode' button on the control panel or remote until 'Bluetooth' mode is selected. The display will show 'BLUE' and a pairing indicator will flash.
3. On your smartphone, tablet, or other Bluetooth-enabled device, search for available Bluetooth devices.
4. Select 'Moukey MPA80' from the list. Once connected, the pairing indicator will stop flashing.
5. You can now play audio from your device through the PA system. The effective Bluetooth range is approximately 30 feet (10 meters).

### 5.2 USB/TF Card Playback

Play audio files directly from a USB flash drive or TF (MicroSD) card.

1. Insert a USB flash drive or TF card into the respective slot on the control panel.
2. The system should automatically switch to USB/TF mode and begin playback. If not, press the 'Mode' button to select the correct input.
3. Use the 'Play/Pause', 'Previous', and 'Next' buttons on the control panel or remote to manage playback.

### 5.3 AUX Input

Connect external audio sources using a 3.5mm AUX cable.

1. Connect one end of a 3.5mm audio cable to the AUX input on the active speaker.
2. Connect the other end to the headphone jack or audio output of your external device (e.g., laptop, MP3 player).
3. Press the 'Mode' button to select 'AUX' input.
4. Adjust the volume on both the PA system and your external device.

### 5.4 Microphone Usage

Connect the wired microphone for vocal performances or announcements.

1. Plug the wired microphone into one of the 1/4-inch 'Mic In' jacks on the active speaker.
2. Adjust the 'Mic Volume Level Control' to set the microphone's volume.
3. Use the 'Microphone Echo Control', 'Microphone Treble Control', and 'Microphone Bass Control' to fine-tune the microphone's sound.

## 5.5 FM Radio

Listen to FM radio stations.

1. Press the 'Mode' button until 'FM' mode is selected.
2. Extend the FM antenna for better reception.
3. Use the 'Previous' and 'Next' buttons to scan for radio stations.

## 5.6 EQ Control

Customize the sound output to your preference.

- Use the 'Treble Control' knob to increase or decrease high frequencies.
- Use the 'Bass Control' knob to increase or decrease low frequencies.

# 6. MAINTENANCE

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## 6.1 Cleaning

To maintain the appearance and longevity of your PA system:

- Always disconnect the power before cleaning.
- Wipe the surfaces with a soft, dry, or slightly damp cloth.
- Do not use abrasive cleaners, waxes, or solvents.
- Keep liquids away from openings and controls.

## 6.2 Battery Care

The internal lithium-ion battery requires proper care for optimal performance and lifespan:

- **Charging:** Charge the battery fully before first use. Recharge the battery regularly, even if the system is not used frequently, to maintain battery health.
- **Storage:** If storing the system for an extended period, charge the battery to approximately 50-70% and store in a cool, dry place. Avoid storing with a completely depleted or fully charged battery for long durations.
- **Temperature:** Avoid exposing the battery to extreme heat or cold, as this can degrade performance and lifespan.

## 6.3 Storage

When not in use, store the PA system in a dry, dust-free environment. If possible, use the original packaging or a protective cover to prevent dust accumulation and damage.

# 7. TROUBLESHOOTING

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If you encounter issues with your Moukey MPA80 PA System, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power	Power cable not connected; Battery depleted; Power switch off	Ensure power cable is securely connected; Charge the battery; Turn power switch to 'ON'
No sound output	Volume too low; Incorrect input mode; Speaker cable disconnected; External device issue	Increase Master Volume; Select correct input mode (Bluetooth, AUX, USB/TF); Check speaker connection cable; Verify external device audio output
Bluetooth not connecting	PA system not in pairing mode; Device too far; Interference; Device already connected to another unit	Ensure PA system is in Bluetooth pairing mode; Move device closer; Reduce interference; Disconnect from other Bluetooth devices
Microphone not working	Microphone not plugged in; Mic volume too low; Microphone faulty	Ensure microphone is securely plugged into 'Mic In' jack; Increase 'Mic Volume Level Control'; Test with another microphone if available
Poor FM radio reception	Antenna not extended; Weak signal	Fully extend the FM antenna; Try repositioning the unit for better signal

If the problem persists after trying these solutions, please contact Moukey customer support for assistance.

## 8. SPECIFICATIONS

Key technical specifications for the Moukey MPA80 PA System:



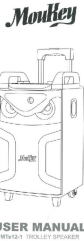

Feature	Specification
Peak Power Output	800W
RMS Power Output	60W
Woofer Size	8 inches
Tweeter Size	1 inch
Bluetooth Version	5.0
Connectivity Technology	AUX, Bluetooth, USB
Audio Inputs	USB, TF, 2 Mic-in (1/4"), AUX IN (3.5mm)
Power Source	AC Power, Rechargeable Battery
Battery Type	Lithium Ion (2 required, included)
Battery Playtime	Up to 8 hours (at 50% volume)
Frequency Response	18 KHz
Impedance	8 Ohm
Product Dimensions (each speaker)	10.2 x 7.9 x 15.4 inches

Feature	Specification
Item Weight	26 pounds (total for system)
Tripod Stand Height (max)	37 inches
Tripod Stand Load Capacity	Up to 132 lbs



## 9. WARRANTY AND SUPPORT

Moukey products are designed and manufactured to high-quality standards. For information regarding warranty coverage, please refer to the warranty card included with your product or visit the official Moukey website. For technical support, troubleshooting assistance, or inquiries about replacement parts, please contact Moukey customer service through the contact information provided on the official website or your purchase platform.

### Related Documents - MPA80

	<a href="#">Moukey MPA-M1 Portable PA System User Manual</a> Comprehensive user manual for the Moukey MPA-M1 Multi-position PA system, detailing its features, functions, safety guidelines, troubleshooting tips, and technical specifications for optimal performance.
	<a href="#">Moukey MTs10-1 Trolley Speaker User Manual and Operation Guide</a> Comprehensive user manual for the Moukey MTs10-1 Trolley Speaker, detailing features, specifications, safety instructions, and operation. Includes guidance on Bluetooth connectivity, microphone use, and various playback modes.
	<a href="#">Moukey MTs12-1 Trolley Speaker User Manual</a> Comprehensive user manual for the Moukey MTs12-1 Trolley Speaker, detailing features, specifications, safety precautions, and operation instructions for wireless audio, microphones, and TWS connectivity.
	<a href="#">MouKey MA20-1 Multimedia Speakers User Manual</a> User manual for the MouKey MA20-1 multimedia speakers, covering features, specifications, installation, operation, and troubleshooting.



 The image shows the Moukey MTs10-2 Digital Multimedia Trolley Speaker. It is a black and silver portable speaker with a carrying handle on top. The front panel features a large speaker grille and a control panel with various buttons and a small display. The Moukey logo and model number MTs10-2 are visible at the top.	<p><a href="#">Moukey MTs10-2 Digital Multimedia Trolley Speaker User Manual</a></p> <p>User manual for the Moukey MTs10-2 Digital Multimedia Trolley Speaker, covering safety instructions, features, specifications, operation, and troubleshooting.</p>
 The image shows the Moukey MTs12-1 Trolley Speaker. It is a black and silver portable speaker with a carrying handle on top. The front panel features a large speaker grille and a control panel with various buttons and a small display. The Moukey logo and model number MTs12-1 are visible at the top.	<p><a href="#">Moukey MTs12-1 Trolley Speaker User Manual and Features</a></p> <p>Comprehensive guide to the Moukey MTs12-1 Trolley Speaker, covering features, operation, safety instructions, Bluetooth connectivity, TWS pairing, and recording functions. Includes specifications and troubleshooting tips.</p>