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Mokeum POMME

Mokeum M6 NFC Bluetooth Adapter User Manual

Model: POMME (M6)

1. Introduction

Thank you for purchasing the Mokeum M6 NFC Bluetooth Adapter. This device is a versatile 3-in-1 solution, combining Bluetooth receiver, Bluetooth transmitter, and FM transmitter functionalities. It is designed to seamlessly integrate your audio devices, enabling wireless audio streaming with high fidelity. Please read this manual carefully before use to ensure proper operation and to maximize the device's potential.

2. Product Overview

The Mokeum M6 is a compact and powerful audio adapter featuring Bluetooth 5.0 for stable and fast connections, NFC for quick pairing, and a wide array of input/output interfaces. It supports various audio sources and destinations, making it an ideal hub for your home entertainment system or car audio.



Figure 2.1: The Mokeum M6 NFC Bluetooth Adapter, showcasing its compact design, various ports, and the included remote control and connection cables. This image provides a comprehensive view of the product and its accessories.

3. Features

- **Bluetooth 5.0 Technology:** Ensures stable, fast, and efficient wireless audio transmission.
- **NFC Touch Pairing:** Simplifies the pairing process with NFC-enabled devices.
- **3-in-1 Functionality:** Operates as a Bluetooth Receiver, Bluetooth Transmitter, and FM Transmitter.
- **Multiple Audio Interfaces:** Supports 3.5mm AUX, 2RCA (Lotus), Coaxial, and Optical inputs/outputs.
- **USB and TF Card Playback:** Directly play audio files from USB drives or TF cards.
- **Infrared Remote Control:** Conveniently manage settings and playback from a distance.
- **Wide Compatibility:** Connects to various speakers, TVs, computers, projectors, and other audio devices.
- **Long Transmission Distance:** Up to 10 meters (barrier-free) for flexible placement.
- **Durable Construction:** Made from high-strength fireproof PC material.

4. Package Contents

Please check the package for the following items:



Figure 4.1: The complete packing list for the Mokeum M6 NFC Bluetooth Adapter. It includes the main unit, charging cable, AUX audio cable, user manual, and RCA line, all neatly arranged.

1. Mokeum M6 NFC Bluetooth Adapter (Main Unit)
2. USB Charging Cable
3. 3.5mm AUX Audio Cable
4. User Manual
5. RCA Audio Cable
6. Remote Control (if included in your version)

5. Setup

5.1 Powering the Device

- Connect the provided USB charging cable to the DC 5V port on the M6 adapter.
- Plug the other end of the USB cable into a 5V USB power adapter (not included) or a USB port on your computer/TV.

- The device will power on automatically or can be turned on by pressing the power button.

5.2 Connection Diagram

The Mokeum M6 offers various connection options. Refer to the diagram below for common setup scenarios.

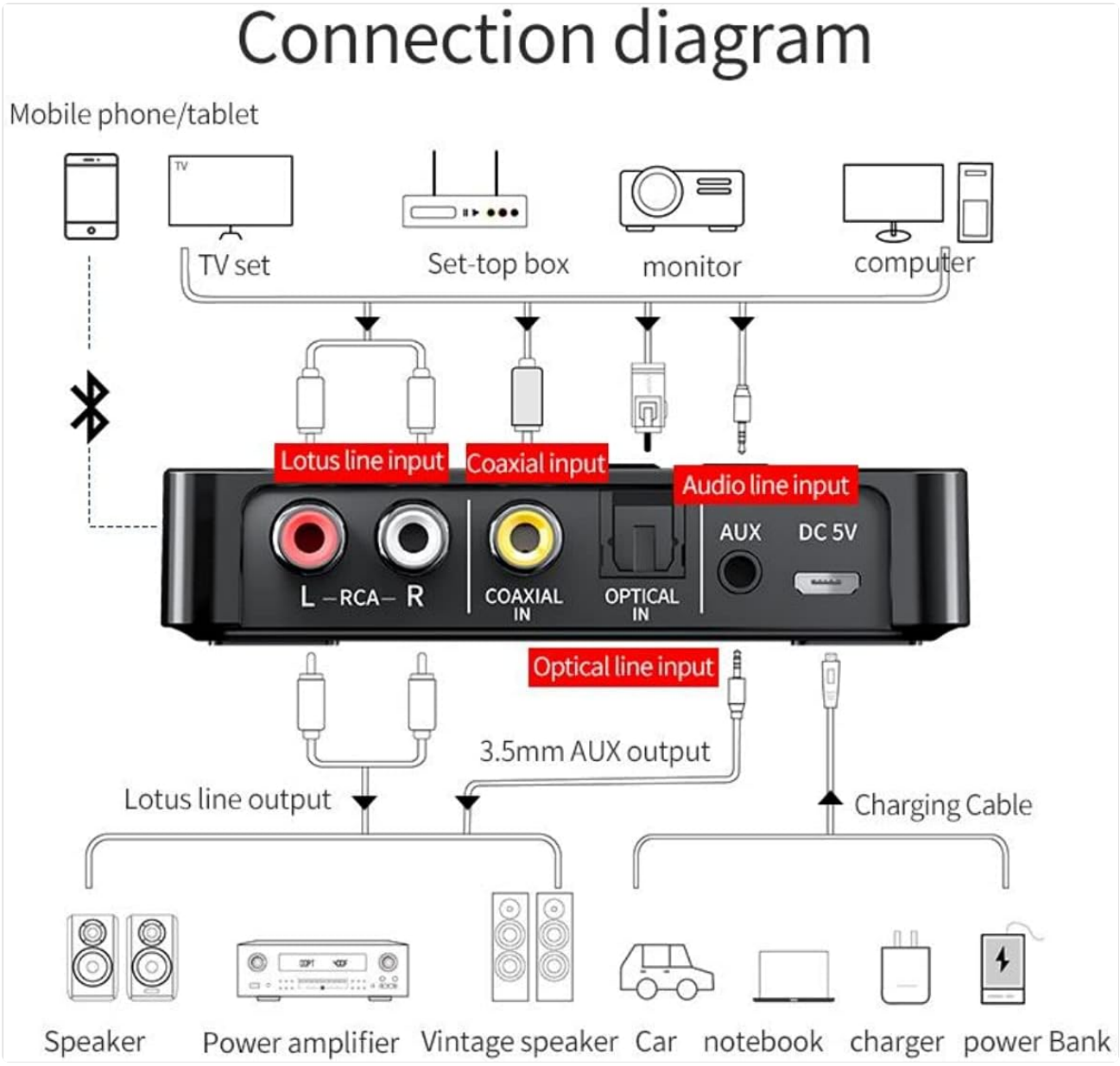

Figure 5.1: A detailed connection diagram illustrating how to connect the Mokeum M6 NFC Bluetooth Adapter to various audio sources and output devices. It shows connections for TV sets, set-top boxes, monitors, computers, speakers, power amplifiers, and car audio systems using AUX, RCA, Coaxial, and Optical interfaces.

6. Operating Modes

The Mokeum M6 supports three primary operating modes: Bluetooth Receiver (RX), Bluetooth Transmitter (TX), and FM Transmitter.

6.1 Bluetooth Receiver (RX) Mode

In RX mode, the M6 receives audio wirelessly from your Bluetooth-enabled devices (e.g., smartphone, tablet) and outputs it to your wired audio system (e.g., speakers, headphones, car stereo).

1. Switch the device to RX mode using the mode button on the unit or remote. The display will indicate 'RX'.
2. Connect the M6's audio output (3.5mm AUX, RCA, Optical, or Coaxial) to the input of your wired audio device.

3. On your Bluetooth device, search for 'M6' in the Bluetooth settings and pair with it.
4. Once connected, audio from your Bluetooth device will play through your wired audio system.

6.2 Bluetooth Transmitter (TX) Mode

In TX mode, the M6 transmits audio wirelessly from your non-Bluetooth audio sources (e.g., TV, PC, CD player) to your Bluetooth-enabled headphones or speakers.

1. Switch the device to TX mode using the mode button on the unit or remote. The display will indicate 'TX'.
2. Connect your audio source (e.g., TV's audio output) to the M6's audio input (3.5mm AUX, RCA, Optical, or Coaxial).
3. Put your Bluetooth headphones or speakers into pairing mode.
4. The M6 will automatically search for and connect to nearby Bluetooth receiving devices. Once connected, audio from your source will be transmitted wirelessly.

6.3 FM Transmitter Mode

In FM mode, the M6 transmits audio to an FM radio, useful for car audio systems without AUX or Bluetooth input.

1. Switch the device to FM mode using the mode button on the unit or remote. The display will indicate 'FM' and a frequency.
2. Connect your audio source to the M6's audio input (e.g., 3.5mm AUX).
3. Tune your FM radio to the same frequency displayed on the M6.
4. Audio from your source will now play through your FM radio. Use the CH+/- buttons on the remote or unit to adjust the FM frequency.

7. NFC Pairing

The M6 features NFC (Near Field Communication) for quick and easy pairing with compatible smartphones and tablets in RX mode.



Figure 7.1: An illustration demonstrating the NFC pairing process with the Mokeum M6 NFC Bluetooth Adapter. Simply tap your NFC-enabled smartphone near the NFC sensing area on the adapter to establish a quick Bluetooth connection, eliminating manual pairing steps.

1. Ensure the M6 is in RX mode.
2. Enable NFC on your smartphone or tablet.
3. Gently tap your device near the NFC sensing area on the M6 (indicated by the NFC logo).
4. Your device will prompt you to connect to the M6. Confirm the connection.
5. The devices will pair automatically, and you can start streaming audio.

8. USB and TF Card Playback

The M6 supports direct audio playback from USB flash drives and TF (MicroSD) cards.



Figure 8.1: The Mokeum M6 NFC Bluetooth Adapter with a USB drive and TF card inserted, highlighting its capability for driver-free plug-and-play audio playback from these storage devices. This feature is supported across receiver, transmitter, and FM modes.

1. Insert a USB flash drive or TF card containing audio files into the respective port on the M6.
2. The device will automatically detect the storage and switch to playback mode.
3. Use the control buttons on the unit or remote (Play/Pause, Next/Previous Track) to manage playback.
4. Audio will be output through the connected audio system or transmitted via Bluetooth/FM, depending on the selected mode.

9. Compatibility

The Mokeum M6 is designed for broad compatibility with a wide range of audio and multimedia devices.



Figure 9.1: An overview of the Mokeum M6 NFC Bluetooth Adapter's extensive compatibility. It shows the adapter connecting to various types of speakers (vintage, wired, ordinary, trolley, home theatre), computers/TVs (desktop PC, TV set, notebook, iPad, old-fashioned TV), and other devices like Bluetooth earphones, projectors, power amplifiers, hearing aids, and mixers.

- **Audio Sources (TX Mode):** TVs, PCs, Laptops, CD/DVD Players, MP3 Players, Game Consoles, Projectors, Power Amplifiers, Mixers.
- **Audio Destinations (RX Mode):** Wired Speakers, Home Theater Systems, Car Stereos, Headphones, Soundbars, Vintage Speakers.
- **Bluetooth Devices:** Smartphones (Apple, Android), Tablets (iPad), Bluetooth Headphones, Bluetooth Speakers.



Figure 9.2: The Mokeum M6 NFC Bluetooth Adapter seamlessly integrated into a home entertainment setup, connected to a television and external speakers. This demonstrates its practical application in enhancing audio experiences for various media content.

10. Specifications

Parameter	Value
Product Model	M6 (POMME)
Bluetooth Version	V5.0
Transmission Distance	10m (barrier-free)
Use Time (Music)	Approximately 10 hours
Standby Time	30 days
Interfaces	3.5mm AUX, 2RCA, Coaxial, Optical, USB, TF Card Slot

Input Parameters	DC 5V-2.1A (MAX)
Support Protocol	A2DP / AVRCP
Product Dimensions	92 x 65 x 20 mm
Product Weight	170 g
Material	High-strength Fireproof PC

11. Troubleshooting

- **No Power:** Ensure the USB cable is securely connected to a 5V power source. Try a different USB port or power adapter.
- **No Sound:**
  - Check if the correct audio cables are connected securely to both the M6 and your audio device.
  - Verify the M6 is in the correct operating mode (RX/TX/FM).
  - Adjust the volume on both the M6 and your connected audio device.
  - If using Optical/Coaxial, ensure your audio source is set to PCM output.
- **Bluetooth Pairing Issues:**
  - Ensure the M6 is in the correct mode (RX for receiving, TX for transmitting).
  - Place the M6 and your Bluetooth device within 10 meters of each other.
  - Clear previous Bluetooth pairing records on your device and the M6 (if possible, by long-pressing the Bluetooth button).
  - Restart both the M6 and your Bluetooth device.
- **Poor Sound Quality/Interference:**
  - Move the M6 away from other wireless devices (Wi-Fi routers, microwaves) that may cause interference.
  - Ensure there are no major obstructions between the M6 and the connected Bluetooth device.
  - If in FM mode, try a different FM frequency to avoid local radio interference.
- **USB/TF Card Not Playing:**
  - Ensure the USB drive or TF card is inserted correctly.
  - Check if the audio files are in a supported format (e.g., MP3, WAV).
  - Try a different USB drive or TF card.

12. Maintenance

- Keep the device dry. Do not expose it to moisture or extreme temperatures.
- Clean the device with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- Avoid dropping or subjecting the device to strong impacts.
- Store the device in a cool, dry place when not in use for extended periods.

13. Warranty and Support

Mokeum products are designed and manufactured to the highest quality standards. This product is covered by a

standard manufacturer's warranty against defects in materials and workmanship from the date of purchase. Please retain your proof of purchase for warranty claims.

For technical support, troubleshooting assistance, or warranty inquiries, please contact Mokeum customer service through the retailer where you purchased the product or visit the official Mokeum website for contact information.

Note: The warranty does not cover damage caused by misuse, accident, unauthorized modification, or normal wear and tear.

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