

Behringer MPA100BT

Behringer MPA100BT Portable PA System User Manual

Model: MPA100BT

Brand: Behringer

INTRODUCTION

The Behringer MPA100BT is an all-in-one portable 100-watt PA system designed for versatile audio applications. It features full Bluetooth connectivity, a high-performance digital wireless microphone system, and battery operation for ultimate portability. This manual provides essential information for setting up, operating, and maintaining your MPA100BT system.



Figure 1: Behringer MPA100BT Portable PA System with Wireless Microphone. The system includes a compact speaker unit and a handheld wireless microphone.

SETUP

1. Unboxing and Initial Inspection

Carefully remove all components from the packaging. Ensure the following items are present:

- MPA100BT Portable PA System
- Wireless Microphone
- USB Receiver for Wireless Microphone
- Power Cord
- User Manual (this document)



Figure 2: An overhead view of the MPA100BT speaker and its wireless microphone, highlighting its compact form factor.

2. Charging the Unit

Before first use, fully charge the internal Lead Acid battery. Connect the supplied power cord to the AC inlet on the rear panel of the MPA100BT and then to a suitable power outlet. The 'CHARGE' indicator on the battery status display will illuminate during charging.

3. Connecting the Wireless Microphone

Insert the USB receiver for the wireless microphone into the 'WIRELESS SYSTEM' USB port on the rear panel. Power on the microphone (requires 2 AA batteries, not included in product data but common for wireless mics). The system should automatically pair.



Figure 3: The high-performance Behringer ULM digital wireless microphone system, including the handheld microphone and its USB receiver for wireless connectivity.

4. Bluetooth Pairing

To stream audio wirelessly from a smartphone or other Bluetooth-enabled device:

1. Press the 'BT/AUX' button on the rear panel to activate Bluetooth mode. The Bluetooth indicator will

flash.

2. On your device, search for 'BEHRINGER MPA100BT' in the Bluetooth settings.
3. Select the device to pair. The Bluetooth indicator on the MPA100BT will become solid when successfully paired.



Figure 4: The Bluetooth logo signifies the MPA100BT's capability for wireless audio streaming from compatible devices.

OPERATING

1. Rear Panel Controls Overview

The rear panel provides all necessary inputs and controls for the MPA100BT.



Figure 5: The rear panel of the MPA100BT features inputs for microphones, auxiliary devices, and controls for volume and wireless system pairing.



Figure 6: A close-up of the MPA100BT's control section, showing individual level knobs for two microphones, Bluetooth/Aux input, and the main output level. Battery status indicators are also visible.

2. Input Connections

- **MIC 1 / MIC 2:** XLR/TRS combo jacks for connecting wired microphones or instruments. Adjust individual levels using the 'LEVEL' knobs.
- **BT/AUX:** RCA inputs for connecting external audio sources (e.g., CD player, laptop) via cable. Use the 'LEVEL' knob for this input.
- **WIRELESS SYSTEM:** USB port for the Behringer ULM digital wireless microphone receiver.

3. Volume Control

Adjust the overall output volume using the 'MAIN LEVEL' knob. Individual input levels can be adjusted using their respective 'LEVEL' knobs.

4. Music/Speech Mode

Toggle the 'MUSIC/SPEECH' switch to optimize the sound profile for either music playback or vocal clarity during speeches.

5. Portability Features

The MPA100BT is designed for easy transport with a retractable handle and integrated wheels. This allows for convenient movement of the unit without lifting.

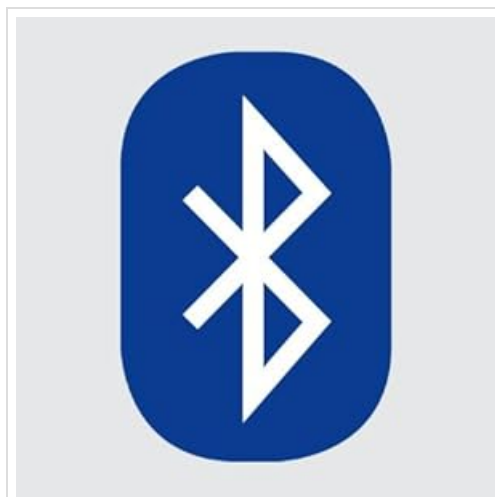


Figure 7: The portable design of the MPA100BT makes it suitable for outdoor events, such as children's sports activities.

MAINTENANCE

1. Cleaning

Wipe the unit with a soft, dry cloth. Do not use abrasive cleaners or solvents. Ensure no liquids enter the unit.

2. Battery Care

To prolong battery life, fully charge the unit before storing for extended periods. Avoid completely draining the battery regularly. The unit uses a Lead Acid battery.

3. Storage

Store the MPA100BT in a cool, dry place away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

- **No Power:** Ensure the power cord is securely connected and the 'ON/OFF' switch is in the 'ON' position. Check battery charge level.
- **No Sound:** Verify all 'LEVEL' knobs and 'MAIN LEVEL' are turned up. Check microphone and auxiliary input connections. Ensure Bluetooth is correctly paired and audio is playing on the source device.
- **Wireless Microphone Issues:** Ensure microphone batteries are fresh and correctly inserted. Check that the USB receiver is properly connected to the 'WIRELESS SYSTEM' port.
- **Bluetooth Connection Failure:** Ensure no other devices are currently paired. Try unpairing and re-pairing the device. Move the source device closer to the MPA100BT.

SPECIFICATIONS

Feature	Detail
Model Number	MPA100BT
Output Wattage	100 Watts
Power Source	Battery Powered (Lead Acid)
Mounting Type	Portable
Connector Types	XLR, Auxiliary (RCA)
Number of Channels	4
Connectivity Technology	Bluetooth
Compatible Devices	Smartphone
Item Weight	22.5 Pounds
Product Dimensions (L x W x H)	9.49 x 9.02 x 14.69 inches
Color	Black
Manufacturer	Music Tribe US

Feature	Detail
UPC	748252179340

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Behringer website or contact your local distributor. Keep your purchase receipt as proof of purchase for any warranty claims.

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