Mackie MP-120 BTA

Mackie MP-120 BTA Single Dynamic Driver Professional In-Ear Monitors

User Manual

Introduction

Thank you for choosing the Mackie MP-120 BTA Professional In-Ear Monitors. These monitors are engineered to deliver exceptional audio clarity and comfort for various applications, from stage monitoring to casual listening. This manual provides essential information on setup, operation, maintenance, and troubleshooting to ensure you get the best experience from your MP-120 BTA.

What's in the Box

Carefully unpack your MP-120 BTA In-Ear Monitors and ensure all components are present:

- MP-120 In-Ear Monitors (Left and Right)
- Bluetooth Adaptor Cable
- MMCX Cable (standard audio cable)
- USB Charging Cable (for Bluetooth adapter)
- Silicone Ear Tips (3 pairs / 3 sizes)
- Memory Foam Ear Tips (3 pairs / 3 sizes)
- Silicone Double Flange Ear Tips (3 pairs / 3 sizes)
- 1/4" Adapter
- Hard Case



Image: The hard case, 1/4" adapter, and a selection of silicone and foam ear tips included with the MP-120 BTA.

Setup

1. Attaching the Cables

The MP-120 BTA monitors feature detachable MMCX connectors, allowing you to switch between the standard audio cable and the Bluetooth adapter cable.

1. Identify the Left (L) and Right (R) monitors. These are typically marked on the housing.
2. Align the MMCX connector on your chosen cable (standard or Bluetooth) with the receptacle on the monitor.
3. Gently push the connector straight into the receptacle until you feel a click. Do not twist or force the connection.
4. To detach, firmly grasp the cable connector (not the cable itself) and pull straight away from the monitor.



Image: Rear view of the MP-120 BTA monitors, clearly showing the 'L' and 'R' indicators for proper orientation.

2. Choosing and Installing Ear Tips

Selecting the correct ear tip size is crucial for comfort, sound quality, and sound isolation.

- Experiment with the different sizes and types (silicone, memory foam, double flange) provided.
- The best fit will create a good seal in your ear canal, blocking out external noise and providing optimal bass response.
- To install, gently push the ear tip onto the nozzle of the monitor until it is securely seated.

3. Wearing the Monitors

The MP-120 BTA monitors are designed to be worn with the cable looped over the top of your ear for a secure fit.

1. Insert the monitor into your ear canal.
2. Guide the cable up and over the back of your ear. The pre-formed ear hook section of the cable should rest comfortably over your ear.
3. Adjust the monitor and cable until you achieve a comfortable and secure fit with good sound isolation.



Image: A musician wearing the MP-120 BTA in-ear monitors during a performance, demonstrating the over-ear cable routing.

4. Pairing the Bluetooth Adapter

If using the Bluetooth adapter cable:

1. Ensure the Bluetooth adapter is charged. Connect the USB charging cable to the adapter and a power source if needed.
2. Turn on the Bluetooth adapter (refer to the adapter's specific instructions for power on/off).
3. Activate pairing mode on the adapter (usually by holding a button until an indicator light flashes).
4. On your audio device (smartphone, tablet, computer), go to Bluetooth settings and search for available devices.
5. Select "Mackie MP-120 BTA" or a similar name from the list to pair.
6. Once paired, the indicator light on the adapter will change, and you can begin listening wirelessly.

Operating

Wired Operation

When using the standard MMCX audio cable, simply connect the 3.5mm jack to your audio source (e.g., phone, audio interface, mixer). If your audio source requires a 1/4" connection, use the included 1/4" adapter.

Bluetooth Operation

Once the Bluetooth adapter is paired with your device, you can control playback and volume directly from your audio source or using the controls on the Bluetooth adapter itself (if available). Refer to the Bluetooth adapter's specific instructions for detailed control functions.

Sound Isolation

The MP-120 BTA monitors are designed to provide excellent sound isolation. A proper fit with the correct ear tips will significantly reduce ambient noise, allowing for a clearer listening experience and protecting your hearing by reducing the need for excessive volume.

Maintenance

Cleaning

- Regularly clean the ear tips with a soft, damp cloth. Remove ear tips from the monitors before cleaning.
- Gently wipe the exterior of the monitors with a dry, soft cloth. Avoid using harsh chemicals or abrasive materials.
- Periodically check the monitor nozzles for earwax buildup. Use a small, soft brush or a cleaning tool (if provided) to carefully remove any debris.

Storage

When not in use, store your MP-120 BTA monitors and accessories in the provided hard case. This protects them from dust, moisture, and physical damage, extending their lifespan.

Troubleshooting

- **No Sound:**
  - Ensure cables are securely connected to both the monitors and the audio source.
  - Check the volume level on your audio source and the Bluetooth adapter.
  - If using Bluetooth, confirm the adapter is powered on, charged, and successfully paired with your device.
  - Test with a different audio source or cable to isolate the problem.
- **Poor Sound Quality / Lack of Bass:**
  - This is often due to an improper ear tip fit. Experiment with different sizes and types of ear tips to achieve a good seal.
  - Ensure the monitors are inserted correctly and securely in your ear canal.
- **Bluetooth Connectivity Issues:**
  - Ensure the Bluetooth adapter is within range (up to 10 meters) of your audio device.
  - Try unpairing and re-pairing the adapter with your device.
  - Turn off and on both the Bluetooth adapter and your audio device.

Specifications

Feature	Specification
Model Name	MP-120 BTA
Audio Driver Type	Dynamic Driver
Noise Control	Sound Isolation
Impedance	32 Ohm
Frequency Range	20 Hz - 20 kHz

Feature	Specification
Connectivity Technology	Bluetooth, 3.5 mm Jack
Bluetooth Version	5.0
Bluetooth Range	10 Meters
Battery Life (Bluetooth)	10 Hours
Material	Plastic
Item Weight	1.14 Pounds
Product Dimensions	63 x 5.91 x 1.97 inches

Warranty and Support

For detailed warranty information and further support, please refer to the official Mackie website or the documents provided with your product.
Additional resources:

- User Guide (PDF)
- User Manual (PDF)

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