Douk Audio MC102

Little Bear MC102 Mini Audio Switcher User Manual

Model: MC102 | Brand: Douk Audio

1. Product Overview

The Little Bear MC102 Mini Audio Switcher is a versatile 2-way 3.5mm AUX stereo passive selector designed for seamless audio management. It functions as both a 2-in-1-out and 1-in-2-out switch box, allowing you to easily transition between multiple audio sources or direct a single source to multiple output devices.

Key features include:

- **Versatile Connectivity:** Easily switch between two audio sources with our 2-in-1-out/1-in-2-out configuration, perfect for seamless transitions between gaming, calls, and music.
- **Compact & Portable:** MC102's ultra-small design fits any desk setup or travel bag, making it the ideal audio solution for on-the-go professionals and audiophiles.
- **No Power Needed:** Enjoy a pure, unaltered audio experience with our passive selector that requires no external power, preserving sound quality without any interference.
- **User-Friendly Controls:** Manage your audio with ease using the intuitive A/B selector, volume control, and one-button mute function, all designed for quick adjustments.
- **High-Quality Build:** Constructed with customized potentiometers and isolation modules, MC102 ensures minimal background noise and reliable performance for all your audio needs.



Figure 1: Front view of the Little Bear MC102 Mini Audio Switcher.

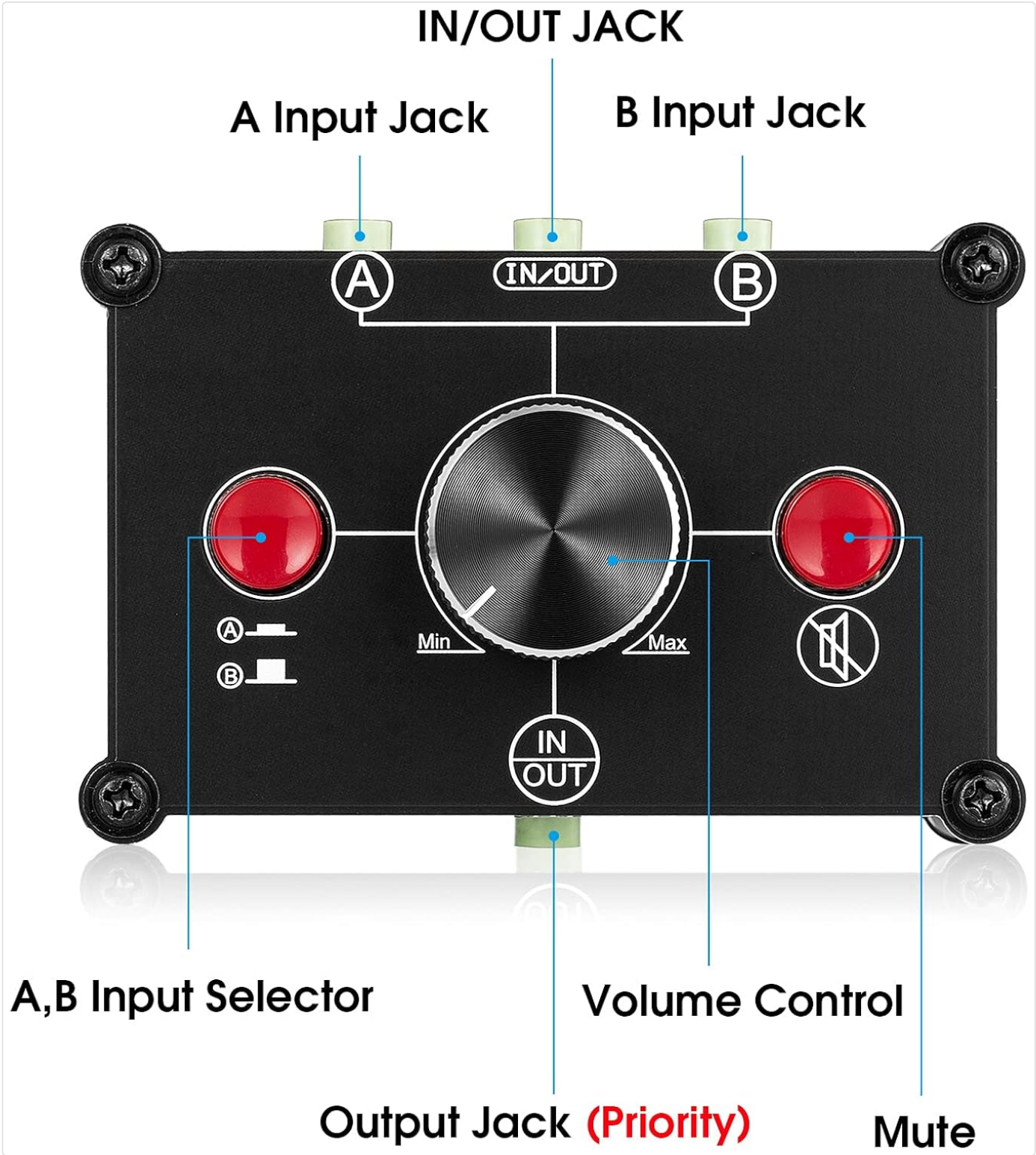


Figure 2: Top-down view with labeled input/output jacks, A/B selector, volume control, and mute button.

2. Setup and Connections

The MC102 offers flexible connectivity options without requiring external power. Ensure all audio cables are securely connected to prevent signal loss.

2.1. 1-IN-2-OUT Configuration

In this mode, one audio source can be directed to two different output devices. This is useful for sharing audio from a single device to both headphones and speakers, for example.

1. Connect your audio source (e.g., PC, phone, CD player) to the **IN**/**OUT** port on the MC102.
2. Connect your first output device (e.g., headphones) to port **A**.
3. Connect your second output device (e.g., speakers) to port **B**.
4. Use the A/B selector button to choose which output device receives the audio.



Figure 3: Connection diagram for 1-IN-2-OUT mode, showing a computer connected to the IN/OUT port, and headphones and speakers connected to ports A and B respectively.

2.2. 2-IN-1-OUT Configuration

In this mode, two different audio sources can be connected, and you can switch between them to output to a single device.

1. Connect your first audio source (e.g., smartphone) to port **A**.
2. Connect your second audio source (e.g., computer) to port **B**.
3. Connect your single output device (e.g., active speakers, headphones) to the **IN/OUT** port.
4. Use the A/B selector button to choose which input source is played through the output device.

2-IN-1-OUT

Connect two audio sources (like CD player / computer) to A/B ports and one audio output (like active speakers) to IN/OUT port



Figure 4: Connection diagram for 2-IN-1-OUT mode, showing a smartphone and computer connected to ports A and B, and active speakers/headphones connected to the IN/OUT port.

2.3. Product Demonstration Video

Watch this video for a visual guide on connecting and operating the Little Bear MC102.

Video 1: Demonstration of the Little Bear MC102's features, including connection setup, volume control, and switching between outputs.

3. Operating Instructions

The MC102 is designed for simple and intuitive operation.

- **A/B Selector:** Press the button labeled 'A' or 'B' to select the desired input source (in 2-in-1-out mode) or output destination (in 1-in-2-out mode). The selected port will be active.
- **Volume Control:** Rotate the central knob clockwise to increase volume and counter-clockwise to decrease volume.
- **Mute Function:** Press the button with the mute icon to instantly mute the audio output. Press it again to unmute.

4. Maintenance and Care

To ensure the longevity and optimal performance of your Little Bear MC102, follow these simple maintenance guidelines:

- Keep the device in a dry environment, away from moisture and extreme temperatures.
- Clean the exterior with a soft, dry cloth. Avoid using liquid cleaners or abrasive materials.
- Do not disassemble the unit. Refer to professional service if repairs are needed.
- Ensure all cables are connected firmly but do not apply excessive force to the ports.

5. Troubleshooting and Important Notes

If you encounter issues with your MC102, please review the following points:

- **Volume Adjustment/Background Noise:** The upgraded MC102 Black version features customized potentiometers and isolation modules designed to address possible volume adjustment issues and background noises.
- **Turntable Compatibility:** The new MC102 is **not compatible with turntables**. PHONO signals are typically very low, which may result in a lower than usual output. Compatibility cannot be guaranteed.
- **Passive Speaker Connection:** This device **cannot be connected directly with passive speakers**. You must connect a sound source to a preamplifier, then to the MC102, and finally to active speakers. Alternatively, connect the sound source to the MC102, then to an amplifier, and then to passive speakers.
- **New 3.5mm Port:** You may notice a new 3.5mm port between the original A and B ports. This was added based on customer feedback to allow connecting all cables on one side. The opposite 3.5mm port still has priority over this new port.



Figure 5: Important notes regarding compatibility and connection methods.

6. Specifications

Feature	Detail
Product Dimensions	5.98 x 3.7 x 1.61 inches
Item Weight	3.84 ounces
Item Model Number	GFJ556

Color	black
Connector Type	3.5mm Jack, RCA
Brand	Douk Audio
Compatible Devices	PC
Cable Type	Auxiliary
Manufacturer	Nobsound
Date First Available	December 12, 2017



Figure 6: Packaging contents and physical dimensions of the MC102.

7. Warranty and Support

For warranty information and technical support, please refer to the official Douk Audio website or contact their customer service directly. Keep your purchase receipt for any warranty claims.

You can also find additional resources and contact information on theDouk Audio Store on Amazon.

© 2024 Douk Audio. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question