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> 3.5mm Stereo Audio Switcher with Mute Button - User Manual

cooidea A05

User Manual: 3.5mm Stereo Audio Switcher with Mute Button

Model: A05

Brand: cooidea

PRODUCT OVERVIEW

The cooidea 3.5mm Stereo Audio Switcher is a versatile device designed to manage audio connections efficiently. It allows for bidirectional audio routing, functioning as either a 1-input to 2-output selector or a 2-input to 1-output mixer. This compact switcher features a one-button switch for easy device selection and a dedicated mute button for instant audio control. Its robust aluminum alloy casing ensures durability, and its design minimizes ground loop noise, providing high-fidelity audio.



Image: The cooidea 3.5mm Stereo Audio Switcher, a compact black device with two knobs and two 3.5mm audio jacks, shown with cables connected.

KEY FEATURES

- **Bidirectional Audio Switching:** Supports both 1 input to 2 outputs (1X2) and 2 inputs to 1 output (2X1) configurations.
- **Wide Compatibility:** Fully compatible with 2-pole (TS), 3-pole (TRS), and 4-pole (TRRS) 3.5mm audio connectors, including those with microphone/remote control functionality.
- **One-Button Operation:** Easily switch between audio sources or output devices and mute audio with dedicated buttons.
- **No Ground Loop Noise:** Designed with full signal switching to prevent ground loop noise caused by multiple device connections.
- **High-Fidelity Audio:** Low-impedance design ensures clear and high-quality audio reproduction.
- **Durable Construction:** Features a small, exquisite metal CNC casing for enhanced durability and a premium feel.

SETUP AND CONNECTION

The cooidea audio switcher is plug-and-play and does not require an external power supply. It comes with a high-quality 1-meter TPU four-pole (TRRS) audio cable for immediate use.

1. 1-Input to 2-Output (1X2) Mode:

In this mode, you connect one audio source (e.g., a laptop) to the common input port, and two audio output devices (e.g., speakers and headphones) to the two output ports (labeled 1 and 2). You can then switch between these two output devices.

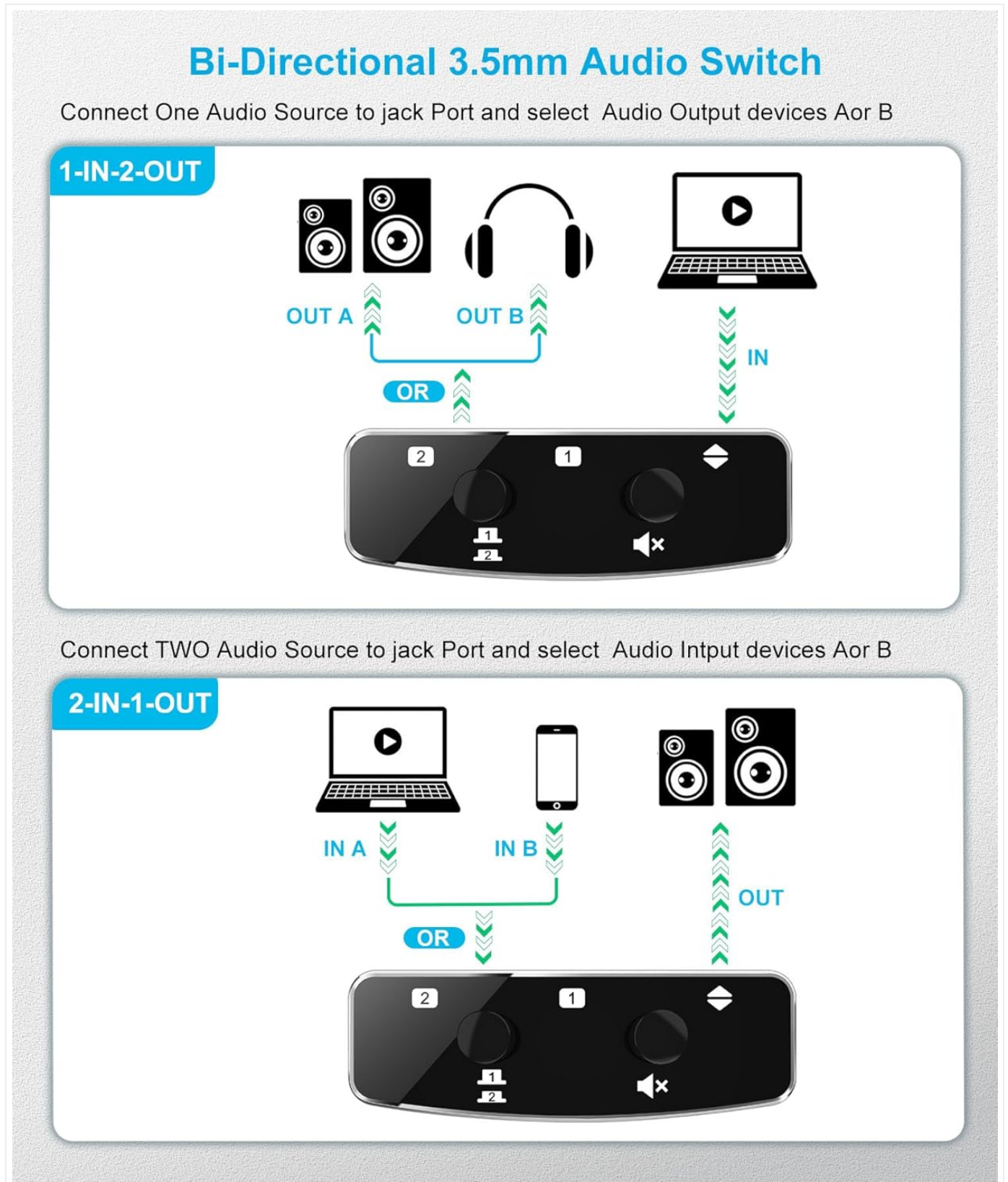


Image: A diagram illustrating the 1-input to 2-output configuration, where a single audio source (laptop) connects to the switcher, and the switcher outputs to either speakers or headphones.

2. 2-Inputs to 1-Output (2X1) Mode:

In this mode, you connect two audio sources (e.g., a laptop and a mobile phone) to the two input ports (labeled 1 and 2), and one audio output device (e.g., speakers) to the common output port. You can then switch between these two audio sources to play through the single output device.



Image: A diagram illustrating the 2-inputs to 1-output configuration, where two audio sources (laptop and phone) connect to the switcher, and the switcher outputs to a single set of speakers.

Connector Compatibility:

The switcher supports various 3.5mm audio jack types:

- **Two-Section (TS):** For mono audio, single microphone, or single AV head.
- **Three-Section (TRS):** For stereo audio.

- **Four-Section (TRRS):** For balanced headphones, headphones with microphone/wired control, or AV interface.

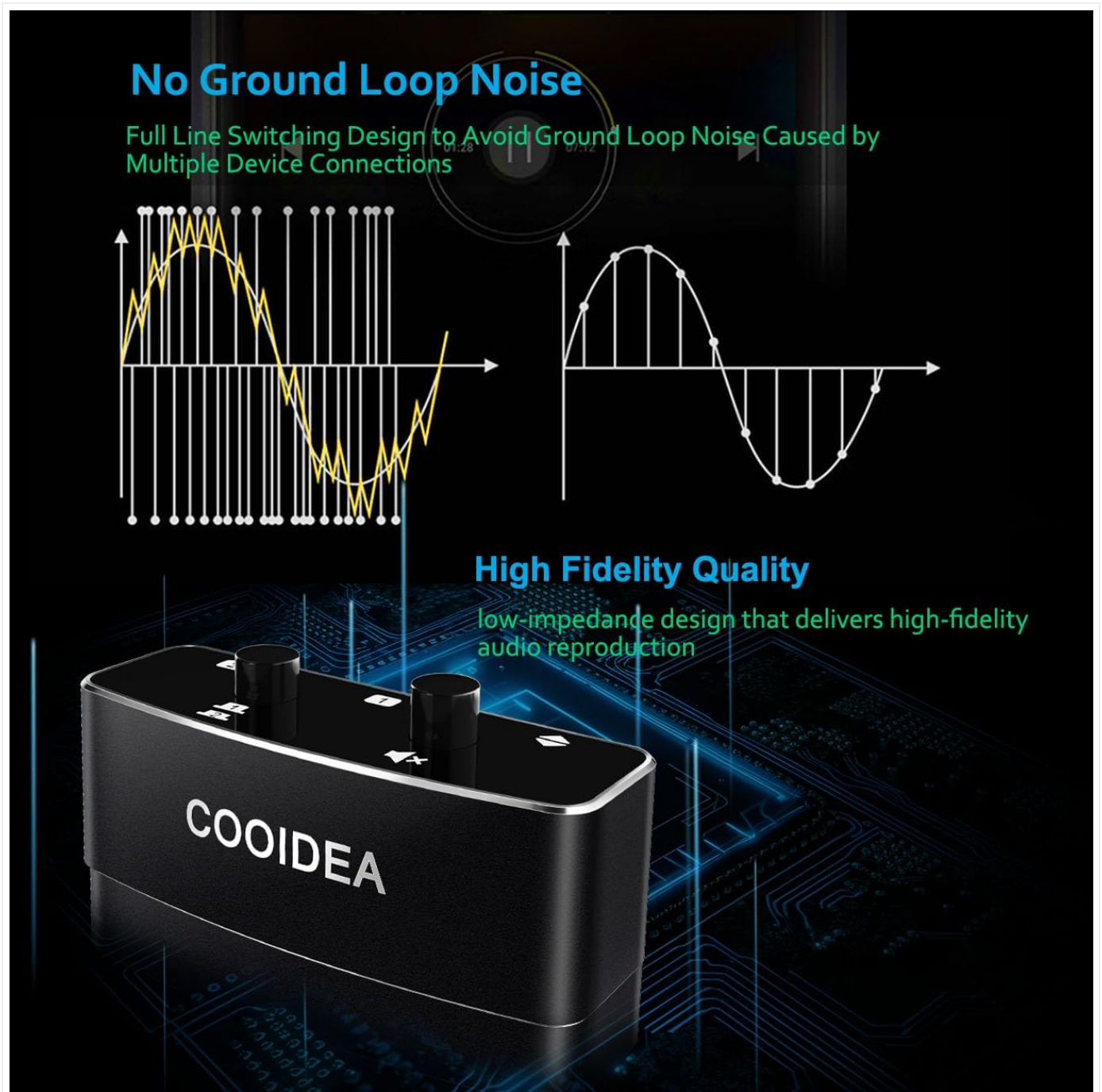


Image: An illustration detailing the different types of 3.5mm audio jacks: Two-Section (TS), Three-Section (TRS), and Four-Section (TRRS), explaining their typical uses.

OPERATING INSTRUCTIONS

Operating the cooidea audio switcher is straightforward, designed for user convenience.

- **Selection Button:** The button labeled "1/2" allows you to toggle between the two connected audio paths. In 1X2 mode, it switches between output devices A and B. In 2X1 mode, it switches between input sources A and B.
- **Mute Button:** The button with the speaker icon allows you to instantly mute or unmute the audio output. This is useful for quick interruptions without disconnecting cables or adjusting volume on source devices.

Fully Supports TS, TRS, TRRS Headphone Jacks



Two Section : Mono audio, single microphone, single AV head

Three Section: Stereo Audio

Four sections: balanced headphones, with MIC/wired control headphones, AV interface



comes with a high-quality 1-meter TPU four-pole (TRRS) audio cable

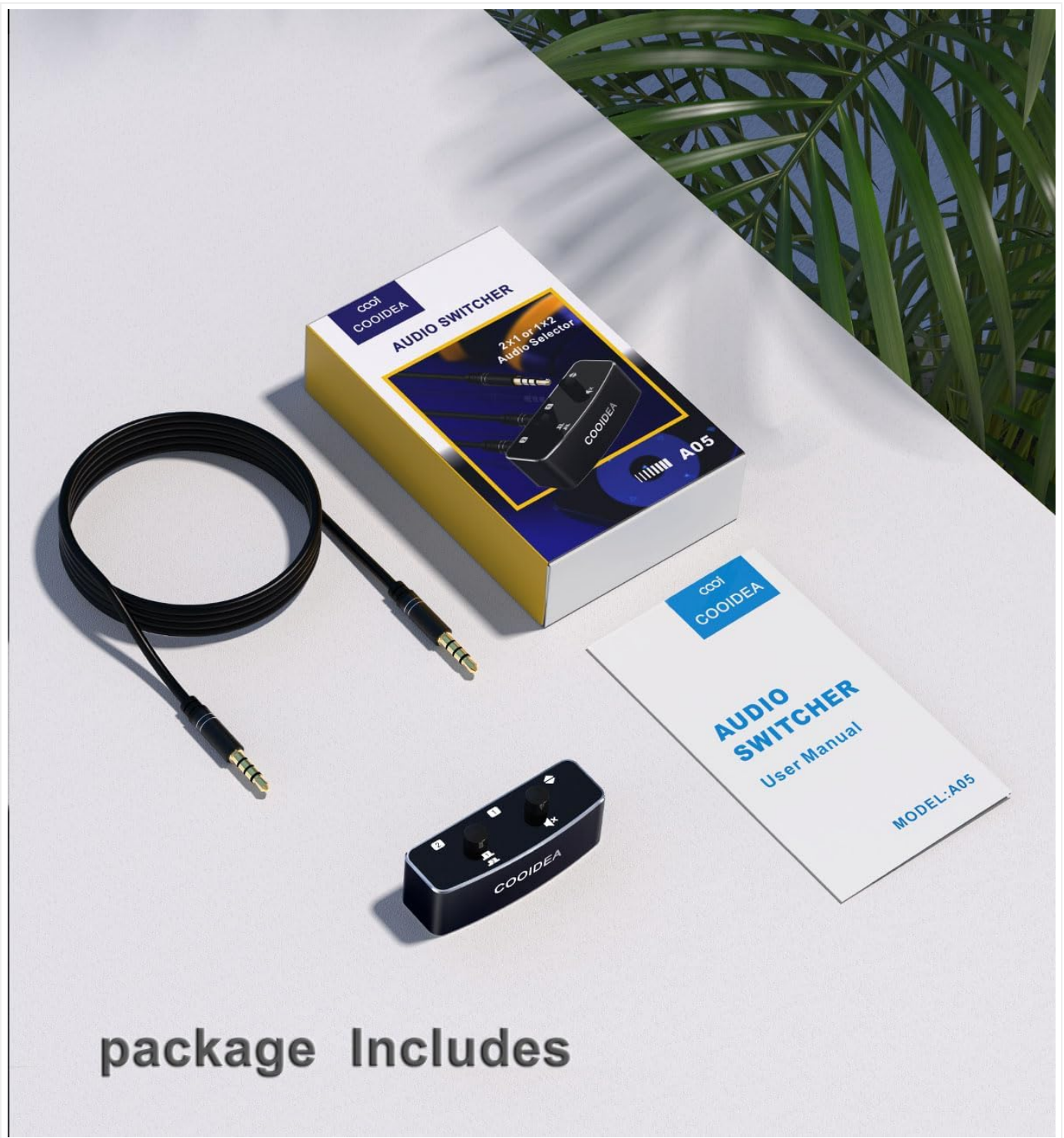


High quality TPU



3.2 ft Audio Cable

Image: A close-up view of the cooidea audio switcher, highlighting the two control knobs: one for selecting between inputs/outputs (labeled 1 and 2) and the other for muting audio (speaker icon).



package Includes

Image: A visual representation of the audio switcher connected to a laptop and a phone, demonstrating how a single button press can switch between sources or mute the audio output.

MAINTENANCE

To ensure the longevity and optimal performance of your cooidea 3.5mm Stereo Audio Switcher, follow these simple maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the exterior of the device. Avoid using liquid cleaners, aerosols, or abrasive solvents, as these can damage the finish or internal components.
- **Storage:** When not in use for extended periods, store the switcher in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the device with care. Avoid dropping it or subjecting it to strong impacts, which could damage the internal circuitry or external casing.

- **Cable Management:** Ensure connected cables are not excessively bent or strained, especially near the connectors, to prevent damage to the cables or the switcher's ports.
- **Protective Film:** Please remember to tear off any protective film before initial use to ensure proper appearance and function.

TROUBLESHOOTING

If you encounter issues with your cooidea 3.5mm Stereo Audio Switcher, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No audio output or intermittent sound.	<ul style="list-style-type: none"> ◦ Cables not fully inserted. ◦ Incorrect port selection. ◦ Mute function activated. ◦ Damaged cable or port. ◦ Source device audio settings. 	<ul style="list-style-type: none"> ◦ Ensure all 3.5mm cables are securely plugged into their respective ports on the switcher and connected devices. ◦ Press the selection button to ensure the correct input/output path is active. ◦ Press the mute button to deactivate mute. ◦ Try using different cables or connecting devices directly to isolate if the issue is with the cable or the switcher's port. ◦ Check the audio output settings on your source device (PC, phone, etc.) to ensure the correct output is selected and volume is up.
Humming, buzzing, or static noise.	<ul style="list-style-type: none"> ◦ Ground loop interference. ◦ Poor cable shielding. ◦ Interference from other electronics. 	<ul style="list-style-type: none"> ◦ The switcher is designed to minimize ground loop noise. Ensure all devices are properly grounded. ◦ Use high-quality, shielded audio cables. ◦ Move the switcher and audio cables away from power cables, Wi-Fi routers, or other electronic devices that might cause interference.
Audio quality is poor (e.g., mono sound when expecting stereo).	<ul style="list-style-type: none"> ◦ Incorrect cable type (e.g., TS cable used for stereo). ◦ Partially inserted plug. 	<ul style="list-style-type: none"> ◦ Ensure you are using a TRS (3-pole) or TRRS (4-pole) cable for stereo audio connections. ◦ Verify that the 3.5mm plugs are fully inserted into all jacks.

SPECIFICATIONS

Attribute	Detail
Model	A05
Brand	cooidea
Product Dimensions	5.8cm x 1.9cm x 1.9cm (2.28 x 0.75 x 0.75 inches)
Item Weight	1.76 ounces

Attribute	Detail
Material	Aluminum alloy casing
Color	Black
Connector Type	3.5mm Stereo Audio
Cable Type	TRRS (1-meter TPU cable included)
Compatibility	Computers, laptops, mobile phones, audio players, game consoles, headphones, speakers, audio amplifiers (supports TS, TRS, TRRS)
Power Requirement	No external power supply required (passive device)

WARRANTY AND SUPPORT

For information regarding product warranty, returns, or technical support, please refer to the documentation included with your purchase or visit the official cooidea website. Contact details for customer service are typically provided by the manufacturer.

Online Resources:

- For the latest product information and support, please visit the [cooidea brand page on Amazon](#).

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This manual is for informational purposes only. Specifications are subject to change without notice.