

## ANSTEN Optical Fiber Splitter 1 in 2 Out

# ANSTEN Optical Fiber Splitter 1 in 2 Out User Manual

Model: Optical Fiber Splitter 1 in 2 Out

## 1. INTRODUCTION

The ANSTEN Optical Fiber Splitter 1 in 2 Out is designed to connect a single optical audio source to two separate optical audio receiving devices. This allows you to switch between two output devices without constantly plugging and unplugging cables, reducing wear and tear on your equipment's optical ports. It supports various digital audio formats, including uncompressed PCM audio and compressed 5.1 to 7.1 surround sound systems like Dolby Digital Plus, DTS-HD High Resolution, ADAT's, and LPCM.

**Important Note:** This passive splitter allows connection to two devices, but the two female outputs cannot work simultaneously. Only one connected device will receive the audio signal at a time.

## 2. PACKAGE CONTENTS

- ANSTEN Optical Fiber Splitter (1 Male In to 2 Female Out) x 1

## 3. SPECIFICATIONS

Material	ABS+PVC (Cable)
Connector Gender	1 Male-to-2 Female
Connector Type	Optical (Toslink/SPDIF)
Color	Black
Transmission Bandwidth	250M bit/s
Design	1 Input - 2 Output
Cable Length	Approximately 20cm
Input Devices	TV, PS4, PS3, Xbox 360, Xbox One X/S, TV box, CD/DVD/Blu-Ray Player, Projector, DVD Player
Output Devices	Soundbar, Amplifier, Speaker, Audio Processor, DAC, AS60, K1, K2, K2Pro TV Headphones

## 4. SETUP INSTRUCTIONS

The ANSTEN Optical Fiber Splitter is designed for simple plug-and-play operation. Follow these steps to connect your devices:

1. **Identify Ports:** Ensure your audio source device (e.g., TV, game console) has an optical audio output (Toslink/SPDIF) and your receiving devices (e.g., soundbar, amplifier) have optical audio inputs.
2. **Connect Input:** Connect the male optical connector of the ANSTEN splitter to the optical audio output port of your source device. Ensure the connection is secure.
3. **Connect Outputs:** Connect standard optical audio cables (not included) from the two female optical output ports of the splitter to the optical audio input ports of your two receiving devices. Ensure these connections are also secure.
4. **Power On:** Power on all connected devices.



**Figure 1:** Connection diagram illustrating an HDTV as the input source, connected to the ANSTEN Optical Fiber Splitter. The splitter's two female outputs are then connected to a K2 headphone dock and a soundbar. This setup allows for switching between the two output devices.

## 5. OPERATING INSTRUCTIONS

Once connected, the splitter allows you to direct the audio signal from your single source to one of the two

connected output devices. To switch between the output devices, you may need to:

- Manually select the active output device if your receiving devices have an auto-sensing feature that prioritizes the active signal.
- Physically disconnect the optical cable from the output device you do not wish to use, leaving only the desired output device connected.

Remember, this splitter does not allow for simultaneous audio output to both connected devices.

## 6. TROUBLESHOOTING

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- **No Audio Output:**

- Ensure all optical cables are securely connected at both ends (source, splitter, and receiving device).
- Verify that the optical audio output on your source device is enabled and correctly configured in its settings.
- Confirm that the optical audio input on your receiving device is selected as the active input.
- Check if the optical cables themselves are damaged. Try swapping them with known working cables if available.
- Ensure only one output device is attempting to receive the signal at a time.

- **Intermittent Audio or Signal Loss:**

- Inspect all optical cable connections for looseness.
- Ensure the optical cable is not sharply bent or kinked, as this can damage the fiber.
- Clean the optical connectors and ports with a suitable optical cleaning tool or lint-free cloth if dust or debris is suspected.

## 7. MAINTENANCE

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To ensure the longevity and optimal performance of your ANSTEN Optical Fiber Splitter:

- Keep the splitter and connected cables in a clean, dry environment.
- Avoid exposing the device to extreme temperatures or direct sunlight.
- Do not bend optical cables sharply, as this can damage the internal fiber and impair signal transmission.
- When disconnecting, always grasp the connector housing, not the cable itself.
- Keep the protective caps on unused optical ports to prevent dust accumulation.


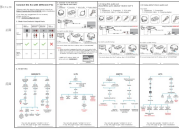
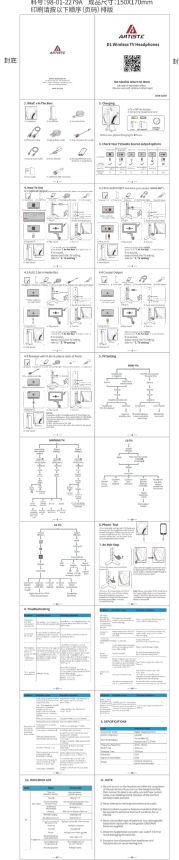





**Figure 2:** The ANSTEN Optical Fiber Splitter, showcasing its design and connectors.

## 8. WARRANTY AND SUPPORT

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For warranty information or technical support regarding your ANSTEN Optical Fiber Splitter, please refer to the documentation provided with your purchase or contact ANSTEN customer service directly. Contact details can typically be found on the manufacturer's official website or through your retailer.

	<p><a href="#">FCC Grant of Equipment Authorization for ANSTEN AS60 Wireless Headphones</a></p> <p>Official FCC Grant of Equipment Authorization for the ANSTEN AS60 wireless headphones, detailing technical specifications, frequency range, and compliance information from Shenzhen maosong keji youxian gongsi.</p>
	<p><a href="#">Ansten K1 Wireless Headphones for TV: Setup and Connection Guide</a></p> <p>Comprehensive guide to setting up Ansten K1 wireless headphones for TV viewing. Learn how to connect using Optical, RCA, or AUX audio outputs to Samsung, LG, and Sony TVs. Includes troubleshooting tips and detailed instructions.</p>
	<p><a href="#">Ansten Wireless Headphones for Smart TV Watching User Manual</a></p> <p>User manual for Ansten wireless headphones, providing setup guides, features, and troubleshooting for smart TV audio, with support for optical, AUX, and RCA inputs.</p>
	<p><a href="#">HSV379HDMI Coaxial Extender: Instructions and Troubleshooting</a></p> <p>Comprehensive guide for the HSV379HDMI coaxial extender, covering setup, matters needing attention, and simple troubleshooting steps for optimal performance.</p>

	<p><a href="#">AS30 Wireless Gaming Headset User Manual</a></p> <p>User guide for the AS30 Wireless Gaming Headset, covering product overview, power on/off, pairing, connections, microphone usage, charging, and system settings for Windows.</p>
	<p><a href="#">PROZOR PST158a 192kHz 5.1CH DAC Converter User Manual and Guide</a></p> <p>Comprehensive guide for the PROZOR PST158a 192kHz 5.1CH Digital to Analog Audio Converter, covering package contents, setup, operation, troubleshooting, and specifications.</p>