

BLACKBIRD™

Toslink® S/PDIF 1x3 Splitter

P/N 43391

User's Manual

SAFETY WARNINGS AND GUIDELINES

Please read this entire manual before using this device, paying extra attention to these safety warnings and guidelines. Please keep this manual in a safe place for future reference.

- This device is intended for indoor use only.
- Do not expose this device to water or moisture of any kind. Do not place drinks or other containers with moisture on or near the device. If moisture does get in or on the device, immediately remove it from its power source and allow it to fully dry before reapplying power.
- Do not touch the device, the power cord, or any other connected cables with wet hands.
- Do not expose this device to excessive vibration, extreme force, shock, or fluctuations in temperature or humidity.
- Do not expose this device to excessively high temperatures. Do not place it in, on, or near a heat source, such as a fireplace, stove, radiator, etc. Do not leave it in direct sunlight.
- Clean using a soft, dry cloth only. Do not use chemical cleaners, solvents, or detergents. For stubborn deposits, moisten the cloth with warm water.
- This device has no user serviceable parts. Do not attempt to open, service, or modify this device.

INTRODUCTION

This Toslink® S/PDIF 1x3 Splitter allows you to connect a single digital optical S/PDIF (Toslink) audio source to up to three devices, such as a television, audio amplifier, AV receiver, etc. It supports 2-channel high definition audio sources, including LPCM, DTS®, and Dolby Digital™. It has a 96kHz sampling rate, supports signal re-timing, and can transmit audio to distances up to 131 feet (40 meters) using an optical cable with a loss of less than 0.2dB/m.

FEATURES

- Connect a single Toslink® digital optical S/PDIF audio source to up to three devices
- Supports 2-channel high definition audio sources, including LPCM, DTS®, and Dolby Digital™
- 96kHz sampling rate
- Supports signal re-timing
- Can transmit audio to distances up to 131 feet (40 meters) using an optical cable with a loss of less than 0.2dB/m
- Over voltage protection
- USB powered

CUSTOMER SERVICE

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PACKAGE CONTENTS

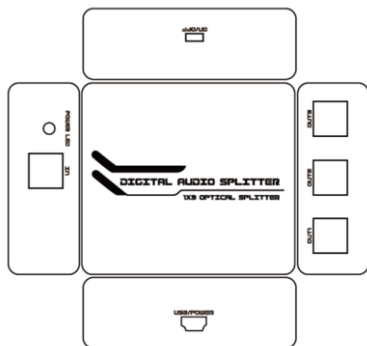
Please take an inventory of the package contents to ensure you have all the items listed below. If anything is missing or damaged, please contact Monoprice Customer Service for a replacement.

1x Toslink® S/PDIF 1x3 Splitter

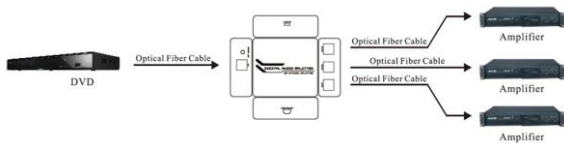
1x USB Power Cable

1x User's Manual

PRODUCT OVERVIEW



SAMPLE CONNECTION DIAGRAM



CONNECTION

Perform the following steps to connect the splitter to your system.

1. Ensure that all devices to be connected are powered off and disconnected from their power sources.
2. Using a Toslink® digital optical S/PDIF cable (available separately), plug one end into the optical input on one of your output devices (e.g., amplifier, TV, etc.), then plug the other end into one of the **OUT** ports on the splitter. Repeat for up to two additional output devices.
3. Using a Toslink digital optical S/PDIF cable (available separately), plug one end into the **IN** port on the splitter, then plug the other end into the optical output on your audio source device (e.g., DVD player, gaming console, etc.).
4. Plug one end of the included **USB Power Cable** into the **USB POWER** port on the splitter, then plug the other end into a USB power source, such as a computer, wall charger, etc. (available separately). The **POWER LED** on the splitter illuminates to indicate that power is applied.
5. Plug in and power on all connected devices.
6. Start audio playback on your source device and verify that you can hear audio from each output device.

SPECIFICATIONS

P/N	43391
Audio Input	1x Toslink® digital optical S/PDIF
Audio Outputs	3x Toslink® digital optical S/PDIF
Supported Audio Formats	2-channel LPCM/DTS®/Dolby Digital™
Output Cable Length	up to 131 feet (40 meters) using an optical cable with loss less than 0.2dB/m
Peak Wavelength	650nm
Maximum Baud Rate	16Mbps
Input Power	5 VDC (USB)
Operating Temperature	+32 ~ +104°F (0 ~ +40°C)
Operating Humidity	5 ~ 90% RH, noncondensing

TECHNICAL SUPPORT

Monoprice is pleased to provide free, live, online technical support to assist you with any questions you may have about installation, setup, troubleshooting, or product recommendations. If you ever need assistance with your new product, please come online to talk to one of our friendly and knowledgeable Tech Support Associates. Technical support is available through the online chat button on our website **www.monoprice.com** or through email by sending a message to **tech@monoprice.com**. Check the website for support times and links.

To download the latest drivers, firmware, manuals, etc., go to **www.monoprice.com** and type the **P/N** into the search bar. If available, support files are linked at the bottom of the product page.

REGULATORY COMPLIANCE

Notice for FCC



This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Modifying the equipment without Monoprice's authorization may result in the equipment no longer complying with FCC requirements

for Class B digital devices. In that event, your right to use the equipment may be limited by FCC regulations, and you may be required to correct any interference to radio or television communications at your own expense.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Notice for Industry Canada

This Class B digital apparatus complies with Canadian ICES-003.

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