

LiNKFOR ATD-03

LiNKFOR 3.5mm to SPDIF Converter (Model ATD-03) Instruction Manual

Analog to Digital Audio Adapter for Enhanced Sound

1. INTRODUCTION

The LiNKFOR 3.5mm to SPDIF Converter is an analog to digital audio adapter designed to convert analog 3.5mm audio signals into Toslink SPDIF optical digital audio. This device allows you to connect audio sources with a 3.5mm output to audio systems that only accept optical digital input, such as soundbars, optical receivers, and home theater systems. It supports uncompressed 2-channel PCM digital audio signal output at a 48KHz sampling rate, ensuring high-quality audio fidelity.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- 1 x LiNKFOR 3.5mm to SPDIF Audio Converter
- 1 x Optical Cable (1 meter / 3.3 feet)
- 1 x USB Power Cable
- 1 x User Manual

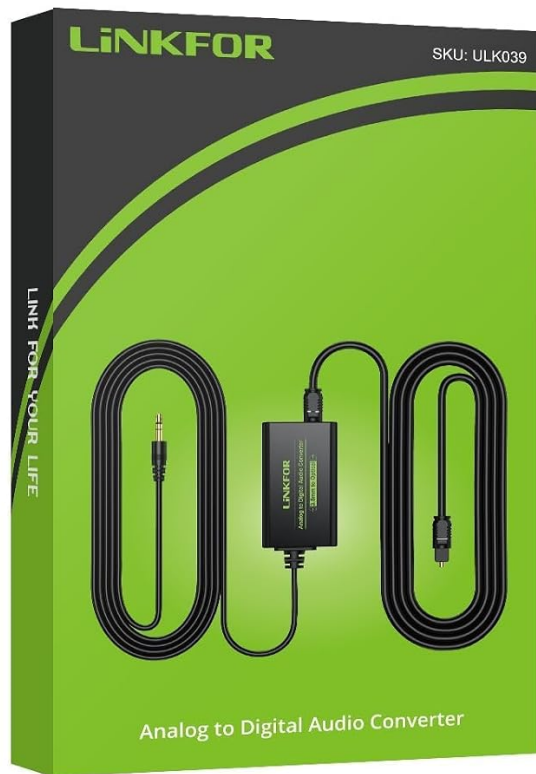


Image: Contents of the LiNKFOR 3.5mm to SPDIF Converter package.

3. PRODUCT OVERVIEW

The LiNKFOR 3.5mm to SPDIF Converter is a compact device featuring a built-in 3.5mm audio input cable and an optical output port. It is designed for simple plug-and-play operation without requiring additional drivers.



Image: Front view of the LiNKFOR 3.5mm to SPDIF Converter.

Key Features:

- Converts 3.5mm analog audio to Toslink SPDIF optical digital audio.
- Supports uncompressed 2-channel PCM digital audio signal output.
- Output sampling rate of 48KHz.
- Compact and lightweight design with a built-in 1.2-meter 3.5mm cable.
- Plug and Play functionality.

HI-TECH AUDIO AMPLIFIER CHIP

Supports output sampling rate at 48 KHz

48k Audio
Sampling Rate



Image: Internal components of the converter, showing the audio amplifier chip and 48KHz sampling rate.

4. SETUP AND INSTALLATION

Follow these steps to connect your LiNKFOR 3.5mm to SPDIF Converter:

1. **Connect the 3.5mm Input:** Plug the built-in 3.5mm audio cable from the converter into the 3.5mm audio output jack of your source device (e.g., TV, computer, projector, game console).
2. **Connect the Optical Output:** Connect one end of the provided optical cable to the optical output port on the converter. Connect the other end of the optical cable to the optical input port on your audio receiving device (e.g., soundbar, home theater system).
3. **Connect Power:** Connect the USB power cable to the converter's DC 5V input port and plug the other end into a USB power source (e.g., USB wall adapter, computer USB port).

ANALOG SIGNAL TO DIGITAL AUDIO

Supports uncompressed 2-channel PCM format output

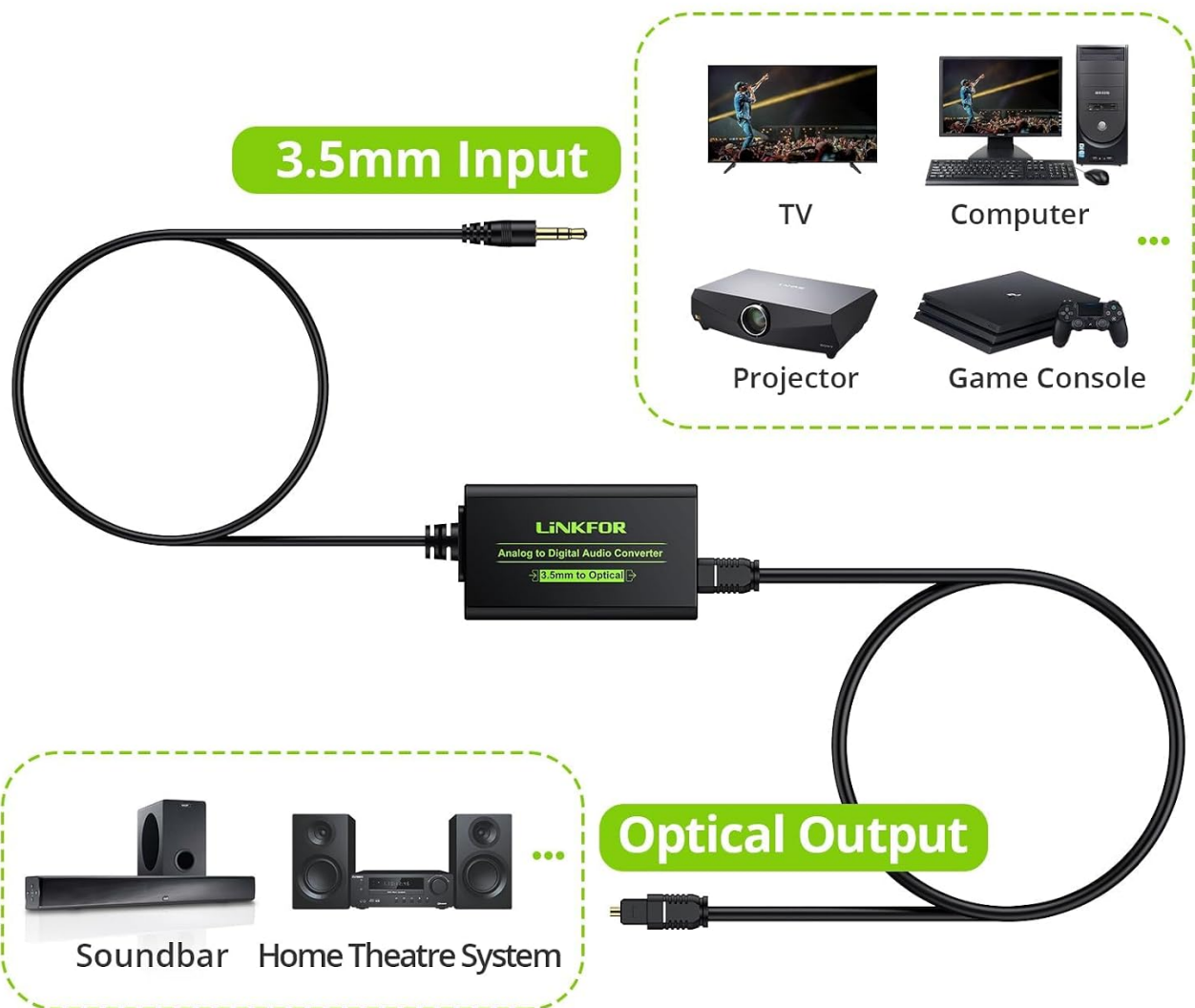


Image: Connection diagram showing 3.5mm input from various devices and optical output to a soundbar or home theater system.

CONNECT THE DESKTOP COMPUTER AND OUTPUT AUDIO TO THE SOUNDBAR



Image: Example setup connecting a desktop computer to a soundbar via the converter.

PURE AND CLEAR SOUND AROUND YOU



Image: Example setup connecting a laptop to a speaker system via the converter.

Installation Video:

Your browser does not support the video tag.

Video: A short demonstration of connecting the LiNKFOR 3.5mm to SPDIF Converter to a PC and a soundbar. This video illustrates the physical connection steps.

5. OPERATING INSTRUCTIONS

Once all connections are made and the converter is powered on, the device will automatically convert the analog 3.5mm audio signal to a digital optical signal. No additional configuration is typically required on the converter itself.

Important Note for Audio Output Settings:

This converter supports uncompressed 2-channel PCM digital audio signal output. If you experience no sound, please ensure that the audio output setting on your source device (e.g., TV, computer, game console) is set to **PCM** or **LPCM**. It is not compatible with 5.1 channel signal formats such as Dolby Digital and DTS 5.1, or Dolby-AC3.



Image: Converter connected, with a reminder to configure source device audio output to PCM/LPCM.

6. TROUBLESHOOTING

• No Sound Output:

- Ensure all cables are securely connected.
- Verify that the converter is receiving power via the USB cable.
- Check the audio output settings on your source device (TV, computer, etc.) and set it to **PCM** or **LPCM**. This converter does not support Dolby Digital, DTS, or other 5.1 channel formats.
- Confirm that your audio receiving device (soundbar, home theater) is set to the correct optical input.

• Distorted Audio:

- Ensure the 3.5mm cable is fully inserted into both the source device and the converter.
- Check the volume levels on both the source device and the receiving audio system.

• Intermittent Audio:

- Inspect the optical cable for any damage or kinks.
- Ensure the power supply is stable.

7. SPECIFICATIONS

Model Number	ATD-03
Input Interface	3.5mm Analog Audio
Output Interface	Toslink SPDIF Optical
Audio Format Support	Uncompressed 2-channel PCM
Sampling Rate	48KHz
Power Supply	DC 5V (via USB)
Operating Temperature	Up to 55°C
Material	ABS
Dimensions (Converter)	Approx. 6cm (L) x 3.5cm (W) x 1.9cm (H)
3.5mm Cable Length	1.2 meters (47.2 inches)
Optical Cable Length	1 meter (39.4 inches)

6.9ft/2.1m Stable Transmission

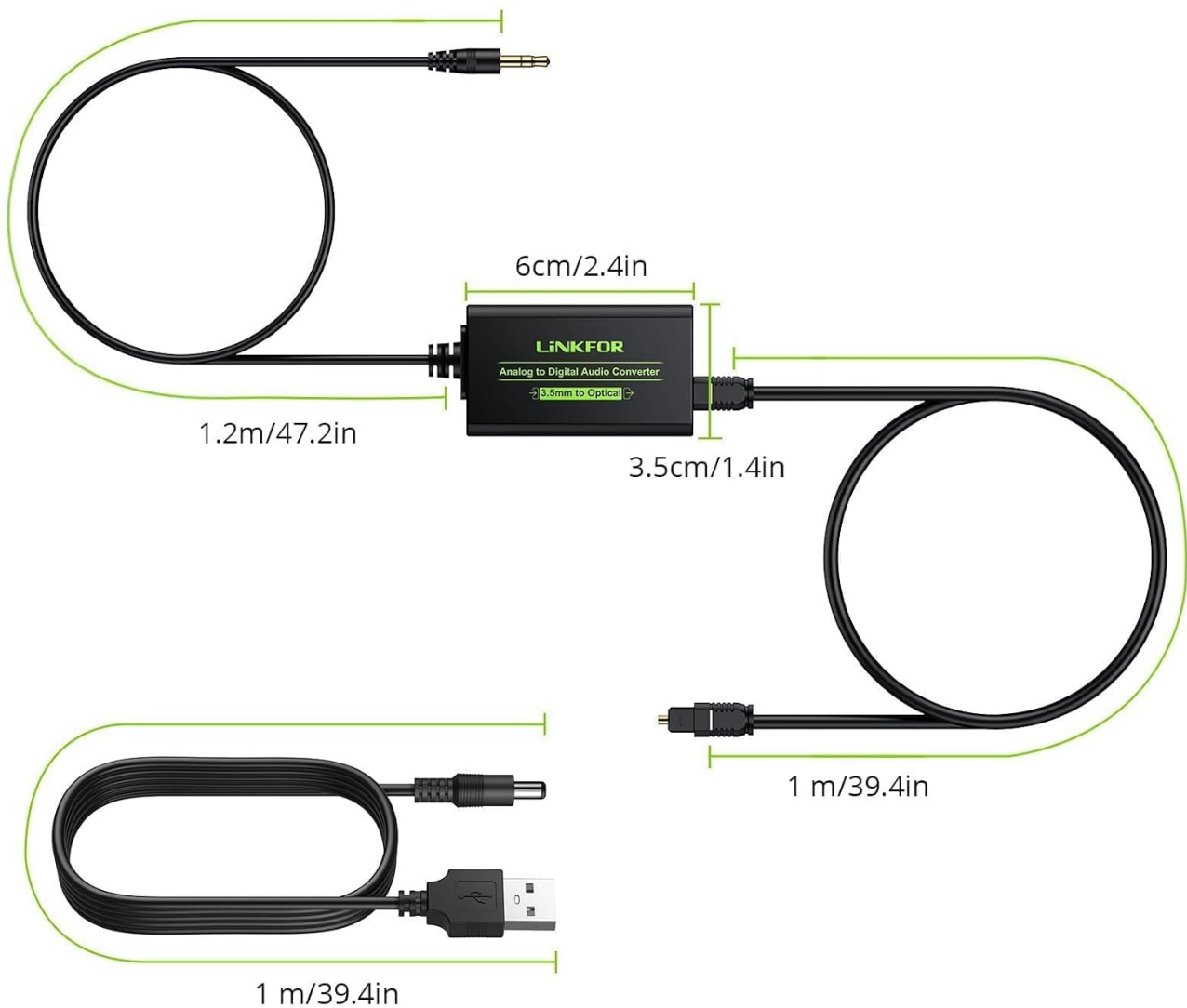


Image: Dimensions of the converter and cable lengths.

8. WARRANTY AND SUPPORT

This LiNKFOR product comes with an **18-month warranty** from the date of purchase. For technical support, troubleshooting assistance, or warranty claims, please contact LiNKFOR customer service through the retailer where the product was purchased.

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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