



Extend Digital SPDIF And TOSLINK Up To 330 Feet



Extends S/PDIF And TOSLINK Digital Audio Devices Up To 100 Meters(330 Feet) Over One CAT-5e Cable

Place your digital audio components anywhere you want with Gefen's Digital Audio Extender. It supports either S/PDIF or TOSlink digital audio signals, which are commonly used to transmit stereo and multichannel (5.1, DTS, Dolby Digital, etc.) digital audio among various components.

The Digital Audio Extender uses a sender and receiver system connected by CAT-5E cables to extend the digital audio.

Features:

- Extends any S/PDIF and TOSlink digital audio device up to 330 feet (100 meters) from the source
- Supports Digital 5.1 (DTS, Dolby Digital, etc.)
- Supplies clear digital audio over long distances as if connected locally
- Streamlines audio installations by allowing source devices to be located in off-site or unseen rack
- One CAT-5 cable used for extension
- Audio is transmitted digitally for zero signal loss

How It Works

The Digital Audio Extender's sender unit connects to the audio source component. The Digital Audio Extender's receiver unit connects to the extended audio component (up to 330 feet away). One CAT-5E cable connects the sender to the receiver

Specifications:

- Data Transmission Rate: 12.8 Mb/s
- S/PDIF (Digital Coax): 96 kHz performance
- Input/Output: S/PDIF (digital coax), optical TOSlink
- Link Connector: RJ-45 Shielded
- Power Supply: 5V DC
- Power Consumption: 5 Watts (max)
- Dimensions: 1.25"H x 1.5"W x 3.875"D
- Shipping Weight: 4 lbs.



**Digital Audio
Extender**
USER MANUAL

ASKING FOR ASSISTANCE

Technical Support:

Telephone (818) 772-9100
(800) 545-6900

Fax (818) 772-9120

Technical Support Hours:

8:00 AM to 5:00 PM Monday thru Friday.

Write To:

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Notice

Gefen Inc. reserves the right to make changes in the hardware, packaging and any accompanying documentation without prior written notice.

The Digital Audio Extender is a trademark of Gefen Inc.

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INTRODUCTION

Thank you for purchasing the new ex•tend•it Digital Audio Extender series.

Extends S/PDIF and TOSLINK digital audio devices up to 60 meters (200 feet).

Place your digital audio components anywhere you want with Gefen's Digital Audio Extender. It supports either S/PDIF or TOSLINK digital audio signals, which commonly used to transmit stereo and multichannel (7.1, DTS, Dolby Digital, etc.) digital audio.

The Digital Audio Extender uses a sender and receiver system connected by CAT-5E cables to extend the digital audio.

How It Works

The Digital Audio Extender's sender unit connects to the audio source component. The Digital Audio Extender's receiver unit connects to the extended audio component (up to 200 feet away). One CAT-5E cable connects the sender to the receiver.

BOX CONTENTS

The Digital Audio Extender system consists of:

- (1) Digital Audio Extender
- (1) 5 VDC power supply
- (1) TOSLINK Cable (6 FT M-M)
- (1) User Manual

OPERATION NOTES

READ THESE NOTES BEFORE INSTALLING OR OPERATING THE DIGITAL AUDIO EXTENDER SYSTEM

* Industry standard Category-5 (CAT-5) cables are used to link the Digital Audio Extender sender and receiver boxes together.

* The Digital Audio Extender units are housed in a metal box for better RF shielding.



How to Connect the Digital Audio Extender

- 1- Connect your digital audio source device with either TOSLINK or S/PDIF to the Digital Audio Extender sender unit.
- 2- Connect the CAT5 cable from the send unit to the receive unit.
- 3- Connect your digital audio receiver or digital audio speaker to the Digital Audio Extender receiver unit with TOSLINK or S/PDIF. The Digital Audio Extender supports outputs via TOSLINK or S/PDIF simultaneously.
- 4- Plug the 5 volt power supply into the Audio extender send unit.

LINK CABLE - WIRING DIAGRAM

RJ-45 Jack



White/Orange

Orange

White/Green

Blue

White/Blue

Green

White/Brown

Brown

RJ-45 Jack



SPECIFICATIONS

Data Transmission Rate 12.8 Mbp/S
Input/Output S/PDIF (Digital Coax), Optical TOSLINK
Power Supply 5 VDC (External)
Dimensions 1 1/4"H x 1 1/2"W x 3 7/8"D
Weight 4 lbs

WARRANTY

Gefen Inc. warrants the equipment it manufactures to be free from defects in material and workmanship.

If equipment fails because of such defects and Gefen Inc. is notified within two (2) year from the date of shipment, Gefen Inc. will, at its option, repair or replace the equipment, provided that the equipment has not been subjected to mechanical, electrical, or other abuse or modifications.

Equipment that fails under conditions other than those covered will be repaired at the current price of parts and labor in effect at the time of repair. Such repairs are warranted for ninety (90) days from the day of reshipment to the Buyer.

This warranty is in lieu of all other warranties expressed or implied, including without limitation, any implied warranty or merchantability or fitness for any particular purpose, all of which are expressly disclaimed.

1. Proof of sale may be required in order to claim warranty.
2. Customers outside the US are responsible for shipping charges to and from Gefen.
3. Copper cables are limited to a 30 day warranty and cable must be free from any scratches, markings, and neatly coiled.

The information in this manual has been carefully checked and is believed to be accurate. However, Gefen Inc. assumes no responsibility for any inaccuracies that may be contained in this manual. In no event will Gefen Inc., be liable for direct, indirect, special, incidental, or consequential damages resulting from any defect or omission in this manual, even if advised of the possibility of such damages. The technical information contained herein regarding Digital Audio Extender features and specifications is subject to change without notice.