

LINDY®

CONNECTION PERFECTION

Digital Audio Extender

User Guide

English



LINDY No. 70466

www.lindy.com



Introduction

Thank you for purchasing the LINDY Digital Audio Extender. With simple plug and play installation and operation, this product allows you to extend Coaxial or Optical digital audio signals up to 150m, using standard Cat5/5e/6 cables.

Features

- Extends Coaxial or Optical SPDIF signals up to 150m
- Supports Stereo and Multi-Channel Audio
- Uses standard Cat 5/5e/6 cabling
- Powered via mains power or USB

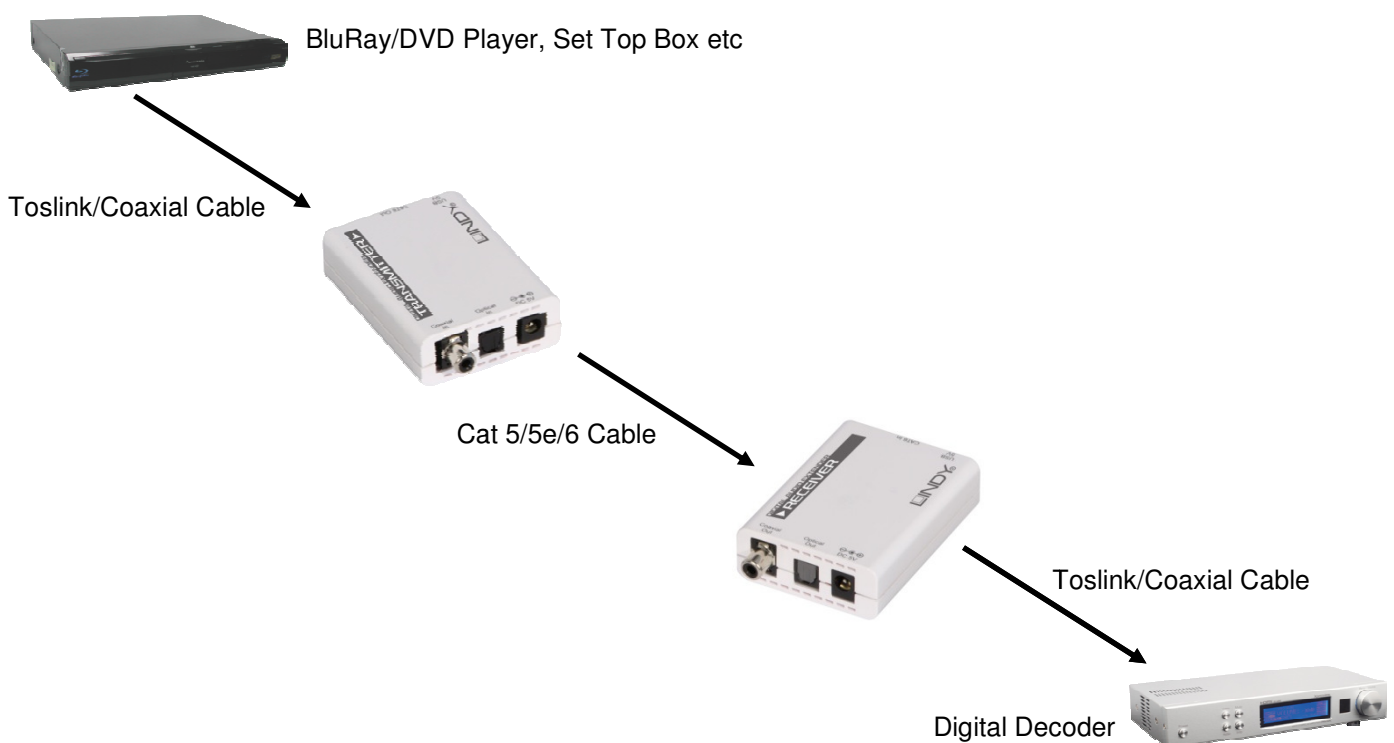
Package Contents

- LINDY Digital Audio Extender (Transmitter and Receiver units)
- 5V DC 1Amp Multi-Country power supply
- This manual

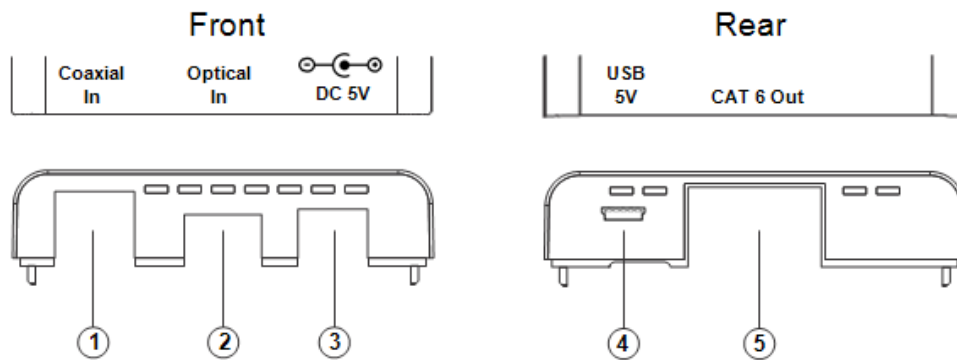
Specification

- Inputs: Coaxial (SPDIF) & Optical (Toslink), USB Mini-B (power only)
- Outputs: (SPDIF) & Optical (Toslink)
- Extends digital audio signals up to 150m
- Uses Cat.5/5e/6 23/24 AWG Cable
- Data Transmission rate: 16Mbps
- Supports stereo and multi-channel audio (Dolby Digital, DTS, 7.1)
- Sample Rate: 32K/44.1K/48K/88.2K/96K
- Powered via USB port (cable not included) or external PSU (supplied)
- Power Consumption: 0.5W
- Operating Temperature: 0 - 45°C
- Storage Temperature: -20 - 60°C

Installation Diagram

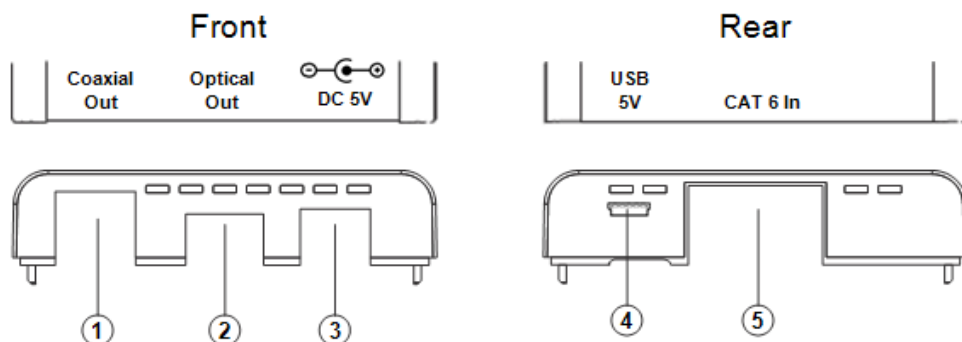


Transmitter



1. **Coaxial In:** Connect your digital coaxial source device to this port
2. **Optical In:** Connect your Toslink optical source device to this port
3. **DC 5V:** Connect the supplied 5V 1Amp power supply to this port or the corresponding port on the receiver unit
4. **USB 5V:** Use a USB Type A to Mini-B cable (not included) to power the extender from a computer
5. **CAT 6 Out:** Connect a CAT 5/5e/6 cable of up to 150m to this port

Receiver



1. **Coaxial Out:** Connect your digital coaxial receiver device/audio output to this port
2. **Optical Out:** Connect your Toslink optical receiver device/audio output to this port
3. **DC 5V:** Connect the supplied 5V 1Amp power supply to this port or the corresponding port on the transmitter unit
4. **USB 5V:** Use a USB Type A to Mini-B cable (not included) to power the extender from a computer
5. **CAT 6 In:** Connect the other end of your CAT 5/5e/6 cable here

Note: Power may be provided to the Transmitter or Receiver using the mains power supply or using a USB A to Mini-B cable (not included), the Transmitter and Receiver do not both require power.

Cat5/5e/6 Cable Pin Assignment

Transmitter			Receiver	
Pin	Definition	Cat5/5e/6 150M ↔	Pin	Definition
1	Signal A		1	Signal A
2	Signal B		2	Signal B
3	Signal C		3	Signal C
4	GND		4	GND
5	GND		5	GND
6	Signal D		6	Signal D
7	DC5V		7	DC5V
8	DC5V		8	DC5V

Certification

CE Certification

This equipment complies with the requirements relating to Electromagnetic Compatibility Standards EN55022/EN55024 and the further Standards cited therein.

FCC Certification

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. You are cautioned that changes or modification not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

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.



WEEE (Waste of Electrical and Electronic Equipment), Recycling of Electronic Products

United Kingdom

In 2006 the European Union introduced regulations (WEEE) for the collection and recycling of all waste electrical and electronic equipment. It is no longer permitted to simply throw away electrical and electronic equipment. Instead, these products must enter the recycling process.

Each individual EU member state has implemented the WEEE regulations into national law in slightly different ways. Please follow your national law when you want to dispose of any electrical or electronic products. More details can be obtained from your national WEEE recycling agency.

Germany

Die Europäische Union hat mit der WEEE Richtlinie umfassende Regelungen für die Verschrottung und das Recycling von Elektro- und Elektronikprodukten geschaffen. Diese wurden von der Bundesregierung im Elektro- und Elektronikgerätegesetz – ElektroG in deutsches Recht umgesetzt. Dieses Gesetz verbietet vom 24. März 2006 an das Entsorgen von entsprechenden, auch alten, Elektro- und Elektronikgeräten über die Hausmülltonne! Diese Geräte müssen den lokalen Sammelsystemen bzw. örtlichen Sammelstellen zugeführt werden! Dort werden sie kostenlos entgegen genommen. Die Kosten für den weiteren Recyclingprozess übernimmt die Gesamtheit der Gerätehersteller.

France

En 2006, l'union Européenne a introduit la nouvelle réglementation (DEEE) pour le recyclage de tout équipement électrique et électronique.

Chaque Etat membre de l' Union Européenne a mis en application la nouvelle réglementation DEEE de manières légèrement différentes. Veuillez suivre le décret d'application correspondant à l'élimination des déchets électriques ou électroniques de votre pays.

Italy

Nel 2006 l'unione europea ha introdotto regolamentazioni (WEEE) per la raccolta e il riciclo di apparecchi elettrici ed elettronici. Non è più consentito semplicemente gettare queste apparecchiature, devono essere riciclate. Ogni stato membro dell' EU ha tramutato le direttive WEEE in leggi statali in varie misure. Fare riferimento alle leggi del proprio Stato quando si dispone di un apparecchio elettrico o elettronico.

Per ulteriori dettagli fare riferimento alla direttiva WEEE sul riciclaggio del proprio Stato.



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