# User Manual

# TP-T100A

## Audio Extender



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**Version: TP-T100A_2017V1.0**

## Statement

Read this user manual carefully before using this product. Pictures shown in this manual is for reference only, different model and specifications are subject to real product.

This manual is only for operation instruction only, not for any maintenance usage. The functions described in this version are updated till March 2016. In the constant effort to improve our product, we reserve the right to make functions or parameters changes without notice or obligation. Please refer to the dealers for the latest details.

**All product function is valid till 2017-3-6.**

## Safety Precaution

To insure the best from the product, please read all instructions carefully before using the device. Save this manual for further reference.

- Follow basic safety precautions to reduce the risk of fire, electrical shock and injury to persons.
- Do not dismantle the housing or modify the module to avoid electrical shock or burn.
- Using supplies or parts not meeting the products' specifications may cause damage, deterioration or malfunction.
- Do not expose the unit to rain, moisture or install this product near water.
- Install the device in a place with fine ventilation.
- Do not twist or pull by force ends of the optical cable. It can cause malfunction.
- Do not use liquid or aerosol cleaners to clean this unit. Always unplug the power to the device before cleaning.
- Unplug the power cord when left unused for a long period of time.
- Refer all servicing to qualified service personnel.

## After-sales Service

We provide limited warranty for the product within **three years** counting from the first day you buy this product (The purchase invoice shall prevail).

For more details, please contact your distributor.

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## Introduction

This product is an audio extender including Transmitter and Receiver. It is designed to extend the Stereo audio signal up to 170m, and the TOSLINK, COAX audio signal up to 290m via CATx cable.

## Features

● Three audio inputs can be switched: TOSLINK/COAX/Stereo.

● Three audio synchronous outputs: TOSLINK, COAX & RCA (L+R).

● The Transmitter is powered by the Receiver 12VDC by PoC technology.

● The transmission distance of Stereo audio signal can up to 170m over a single CATx cable, and the TOSLINK, COAX audio signal up to 290m.
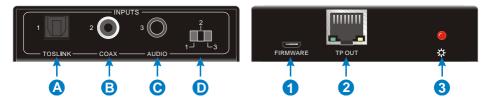
## Package List

● 1 x Transmitter

● 1 x Power adaptor(12VDC,1A)

● 8 x Plastic cushions

● 1 x Receiver

● 4 x Mounting ears & 8 x Screws

● 1 x user Manual

**Note:** If you find any defective or missing parts, please contact your local dealer.
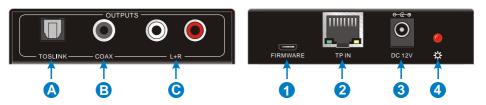
## Panel Description

**Transmitter**



| | | |
|---|---|---|
| **Front Panel** | **A.** | TOSLINK digital audio input port, connects to audio source. |
| | **B.** | COAX digital audio input port, connects to audio source. |
| | **C.** | Stereo audio input port, connects to audio source. |
| | **D.** | DIP switcher for selecting audio input source. |
| **Rear Panel** | **1.** | Micro USB port for updating firmware. |
| | **2.** | RJ45 ports, connects to the "TP IN" port of Receiver. |
| | **3.** | Red power indicator. |

**Receiver**



| Front Panel | **A.** | TOSLINK digital audio output port, connects to audio output device for playing. |
| | **B.** | COAX digital audio output port, connects to audio output device for playing. |
| | **C.** | RCA (L+R) audio output port, connects to audio output device for playing. |
| Rear Panel | **1.** | Micro USB port for updating firmware. |
| | **2.** | RJ45 ports, connects to the "TP OUT" port of Transmitter. |
| | **3.** | Power port, connects to 12VDC power adaptor. |
| | **4.** | Red power indicator. |

## Specification

| Transmitter | | Receiver | |
|---|---|---|---|
| **Input** | TOSLINK, COAX or AUDIO | **Input** | 1 TP IN |
| **Output** | 1 TP OUT | **Output** | TOSLINK, COAX & RCA (L+R) |
| **General** | | | |
| **Audio Format** | TOSLINK & COAX: PCM/Dobly/DTS; AUDIO: Stereo | | |
| **Sound Channel** | TOSLINK & COAX: 2.0-7.1 | | |
| **Frequency Response** | 20 Hz to 20 kHz, ±3 dB | | |
| **Sample Rate** | TOSLINK & COAX: 48k/96k/192k 16bit/18bit/24bit | | |
| **Transmission Distance** | Stereo: Up to 170m (CAT5e/6/7) TOSLINK/COAX: Up to 290m (CAT5e/6/7) | | |
| **Power Supply** | Input: 100VAC~240VAC, 50/60Hz; Output: 12VDC, 1A | | |
| **Power Consumption** | 2.5W (Max) | | |
| **Work Temperature** | -10 ~ +55℃ | | |
| **Humidity** | 10% ~ 90% | | |
| **Net Weight** | Transmitter: 110g; Receiver: 119g | | |
| **Dimension(W\*H\*D)** | 88mm x 80mm x 21.5mm | | |