



User Manual

BG-AUD-TCS Audio Extender



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Statement

Read this user manual carefully before using the 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 September, 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.

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 **one year** counting from the first day you buy this product (The purchase invoice shall prevail).

For more details, please contact your distributor.

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.

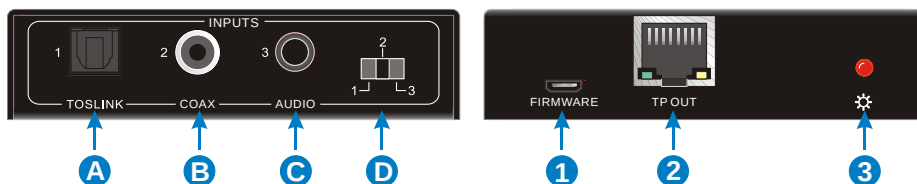
Package List

- 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.

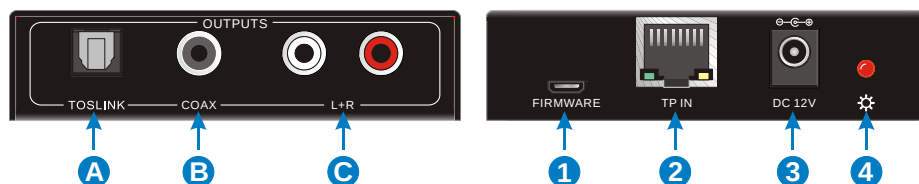
Panel Description

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/Dolby/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°C		
Humidity	10% ~ 90%		
Net Weight	Transmitter: 110g; Receiver: 119g		
Dimension(W*H*D)	88mm x 80mm x 21.5mm		

Second Year Assurance

BZBGear wants to assure you peace of mind. We're so confident in the quality of our products that along with the manufacturer's one-year limited warranty, we are offering free second-year warranty coverage upon registration*!

Taking advantage of this program is simple, just follow the steps below:

1. Register your product within 90 days of purchase by visiting BZBGear.com/warranty.
2. Complete the registration form. Provide all necessary proof of purchase details, including serial number and a copy of your sales receipt.

For questions, please call 1.888.660.2962 or email support@bzbgear.com.

For complete warranty information, please visit BZBGear.com/warranty or scan the QR code below.



*Terms and conditions apply. Registration is required.

Mission Statement

This product is an audio extender including Transmitter and Receiver. It is designed to BZBGear manifests from the competitive nature of the audiovisual industry to innovate while keeping the customer in mind. AV solutions can cost a pretty penny, and new technology only adds to it. We believe everyone deserves to see, hear, and feel the advancements made in today's AV world without having to break the bank. BZBGear is the solution for small to medium-sized applications requiring the latest professional products in AV.

We live in a DIY era where resources are abundant on the internet. With that in mind, our team offers system design consultation and expert tech support seven days a week for the products in our BZBGear catalog. You'll notice comparably lower prices with BZBGear solutions, but the quality of the products is on par with the top brands in the industry. The unparalleled support from our team is our way of showing we care for every one of our customers. Whether you're an integrator, home theater enthusiast, or a do-it-yourselfer, BZBGear offers the solutions to allow you to focus on your project and not your budget.