

USER MANUAL

Audio Converter



Dear customer,

Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference .Our series of Audio converters are designed to make your Audio device use more convenient, more comfortable, more productive and more cost-efficient.

The audio converter supports Toslink, Coaxial ,ARC audio input. Supports three audio signals Toslink, Coaxial and stereo R/ L or 3.5mm Jack output simultaneously.

Our devices offer solutions for noise, space and security concerns, data center control, information distribution, conference room presentation, school and corporate training environments.

Features:

- Toslink ,coaxial, ARC input, Toslink , coaxial ,R/L stereo Audio ,3.5 Min Jack audio output simultaneously.
- Input channel can be selected by switch button.
- Audio format support: Toslink/coaxial output: DTS/Dolby-AC3/DSD/LPCM. R/L or AUX output: LPCM2.0
- Support last time working state memory when power off.
- Support over-voltage protection can prevent the damage caused by connecting unmatched power adapter.
- Compact design and easy to install.
- DC5V power supply

Specifications:

Support audio format.....	LPCM2.0/DTS/Dolby-AC3
Sampling frequency.....	192KHz
Peak wavelength.....	650nm
Max baud rate.....	16Mbps
Output cable distance ..	≤10m(Use the optical fiber cable loss less the 0.2Db/m)
Max working current.....	100mA
Power adapter format.....	Input:AC (50HZ, 60HZ) 100V-240V; Output: DC5V
Operating Temperature range.....	0°C ~ 40°C / 2°F ~104°F
Operating Humidity range.....	5 to 90%RH (No Condensation)
Storage Temperature.....	-20°C ~ 60°C / -4°F ~ 140°F
Dimension (L x W x H).....	114x48x23 (mm)
Weight.....	138g

Package list:

- 1、 Audio Converter 1pcs
- 2、 5V Power Adaptor 1pcs
- 3、 User manual 1pcs

Panel Description:

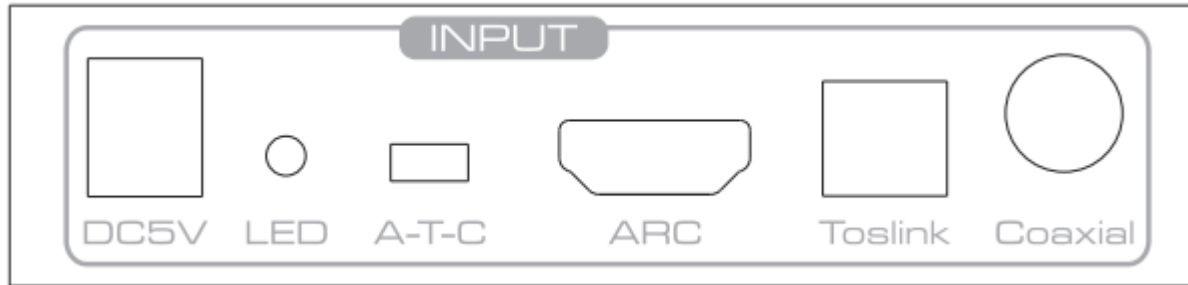


Figure 1.0 Front Panel

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|------------------------------|-----------------------------------|------------------------------------|
| 1. DC5V : Power Input | 2 . LED : Power Indicator | 3 . A-T-C : Input Selection |
| 4 . ARC : ARC Input | 5. Toslink : Toslink Input | 6. Coaxial : Coaxial Input |

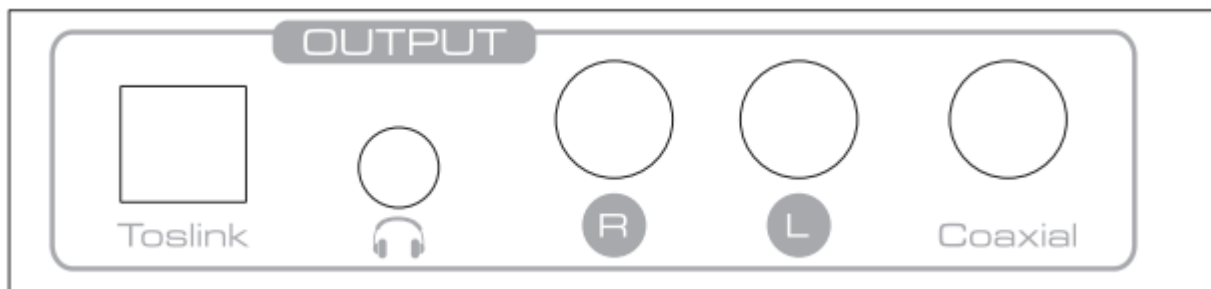



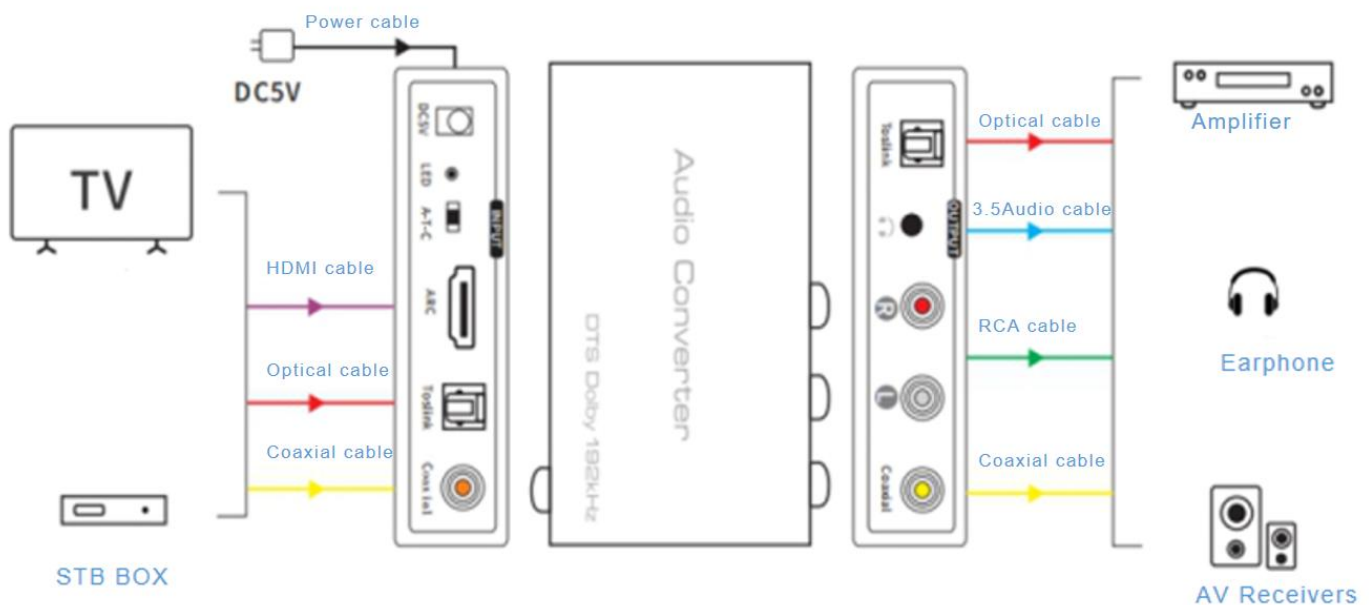
Figure 1.1 Rear Panel

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|--|---|
| 1 . Toslink : Toslink Output | 2 .  : 3.5mm Jack Output |
| 3 . R / L : Stereo R / L Audio Output | |
| 4 . Coaxial : Coaxial Output | |

Note:

1. The R/L and 3.5MM Jack output port only support LPCM audio format.
2. Only the Toslink and Coaxial port support Dolby and DTS audio format.
3. For the ARC port, Please use the HDMI cable at the standard 19+1 high level

Wiring Diagram:



Operating and Connecting:

<1> Input ARC mode:

1. Connect the audio source to the ARC input port of the converter
2. Then switch input selection DIP Switch, Choose the letter "A"
3. Connect the output port of the converter to the audio receivers, It support 4 kinds audio output.
4. Connect 5V power supply to the converter DC input port.

<2> Input Toslink Mode:

1. Connect the audio source to the Toslink input port of the converter.
2. For Input selection DIP Switch, Choose the letter "T".
3. Connect the output port of the converter to the audio receivers, It support 4 kinds audio output.
4. Connect 5V power supply to the converter DC input port.

<3> Input Coaxial Mode:

1. Connect the audio source to the Coaxial input port of the converter.
2. Then switch Input selection DIP Switch, Choose the letter "C".
3. Connect the output port of the converter to the audio receivers, It support 4 kinds audio output.
4. Connect 5V power supply to the converter DC input port.

Notes: You can connect the 3 inputs at the the same time, but it only can display one input source at the output side once time.

Notes:

Please use the machine as the instruction listed to keep the long use lifetime of the machine.

1. The machine should be placed at the spot far from the Damp, High-Temperature, Dusty, Erosive, and oxidative environment.
2. Make sure all parts will be free from the strong shake, hit, fall.
3. Touching the power adaptor with the wet hands is prohibited.
4. When cut off the adaptor from the socket, please hold the power adaptor head. don't pull the adaptor cord.
5. If you don't use it for a long time, please turn off the power.
6. Don't open the cover and don't touch the inside parts.
7. Please use the original factory power adaptor.

Before power on, please check the connection line carefully. And make sure that all interfaces are normally connected. The common troubles shooting way shows below:

Serial NO	Trouble Description	Causes and solutions:
1	Non-Power-Connected	1. Check if the power adaptor head is truly and correctly inserted the power socket.
2	No Audio output	1. Please to make sure that the connection devices has opened on and connected with the machine well. 2. Check if the signal source is on and well connected. 3. Check the system connection quality. 4. Check if the line is all good quality. 5. Check the cable quality