

## Optical/Digital Coaxial 2-Way Converter AT-AD2



### User Manual

## TABLE OF CONTENTS

1. Introduction	2
2. Features	2
3. Package Contents	2
4. Specifications	2
5. Panel Description	3
5.1. Front Panel	3
5.2. Rear Panel	3
6. Connection and Installation	3
7. Safety Information	5
8. Warranty	6
9. Atlona Product Registration	7

## INTRODUCTION

Atlona's AT-AD-2 Toslink/Coaxial Audio converter is a great little gadget for those who need to convert optical to coaxial or coaxial to optical or even input a single optical or coaxial and get both outputs working simultaneously. With its built-in amplification feature, AT-AD2 can also serve as a repeater of audio signal and extend (double) the standard transferring distance.

## FEATURES

- Supports two-way conversion: Digital Coaxial to Toslink or Toslink to Coaxial
- Supports audio input from 2 channels up to 5.1 channels
- Supports amplification of S/PDIF audio and extends the transferring distance, through coaxial and/or Toslink cables
- Select one input from Coaxial or Toslink input ports, and send S/PDIF audio signal to both Coaxial and Toslink output ports simultaneously
- Compact size and easy to install

## PACKAGE CONTENT

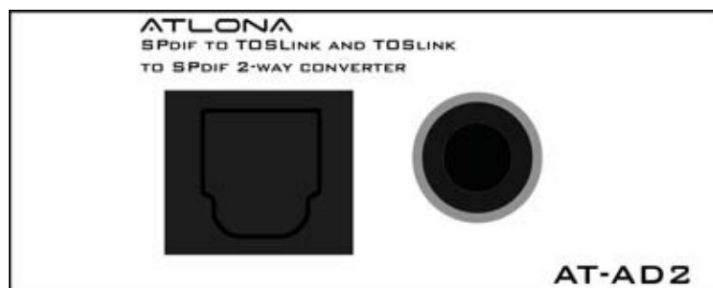
- 1 x AT-AD2
- 1 x Universal power supply
- 1 x User's Manual

## SPECIFICATIONS

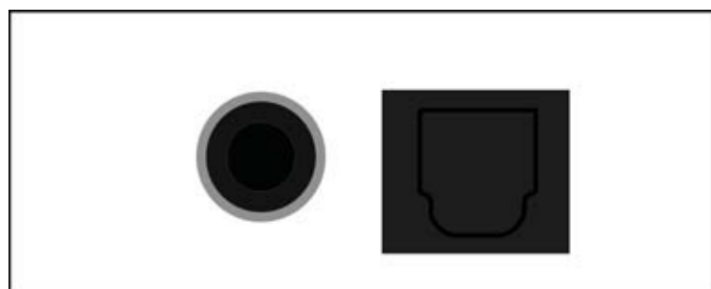
Inputs	1 x Digital Coaxial, 1 x Optical/Toslink
Outputs	1 x Digital Coaxial, 1 x Optical/Toslink
Power Supply	DC 7.5V / 500mA
Dimensions (inch)	1.6 (W) x 1.5 (D) x 0.8 (H)
Weight (LB)	0.4

## PANEL DESCRIPTION

### 1. Front Panel



### 2. Rear Panel



## CONNECTION AND INSTALLATION

Depending on the application, the ways to connect this device would vary. This device could function as a converter, to convert from optical to digital coax or from digital coax to optical. This device could also function as a booster, where if using two cables of the same type on the input and on the output would amplify the signal in order for the signal to arrive clean at the cable end. This converter will also act as a splitter: by inputting TOSLink or digital coax - both outputs will be activated at all times.

### 1. S/Pdif to TOSLink conversion





### 2. TOSLink to S/Pdif conversion



### 3. Boost on a TOSLink line



### 4. Boost on S/Pdif line



## SAFETY INFORMATION

### Safeguards



To reduce the risk of electric shock, do not expose this product to rain or moisture



Do not modify the wall plug. Doing so will void the warranty and safety features.



If the wall plug does not fit into your local power socket, hire an electrician to replace your obsolete socket.



This equipment should be installed near the socket outlet and the device should be easily accessible in the case it requires disconnection.

### Precautions

FCC regulations state that any unauthorized changes or modifications to this equipment, not expressly approved by the manufacturer, could void the user's authority to operate this equipment.

Operate this product using only the included external power supply. Use of other power supplies could impair performance, damage the product, or cause fires.

In the event of an electrostatic discharge this device may automatically turn off. If this occurs, unplug the device and plug it back in.

Protect and route power cords so they will not be stepped on or pinched by anything placed on or against them. Be especially careful of plug-ins or cord exit points from this product.

Avoid excessive humidity, sudden temperature changes or temperature extremes.

Keep this product away from wet locations such as bathtubs, sinks, laundries, wet basements, fish tanks, and swimming pools.

Use only accessories recommended by Atlona to avoid fire, shock, or other hazards.

Unplug the product before cleaning. Use a damp cloth for cleaning and not cleaning fluid or aerosols.

Such products could enter the unit and cause damage, fire, or electric shock. Some substances may also mar the finish of the product.

Never open, remove unit panels, or make any adjustments not described in this manual. Attempting to do so could expose you to dangerous electrical shock or other hazards. It may also cause damage to your AT-AD2. Opening the product will void the warranty.

Do not attempt to service the unit. Disconnect the product and contact your authorized Atlona reseller or contact Atlona directly.

## WARRANTY

### Limited Warranty

Atlona Technologies warrants that (a) its products (the AT-AD2) will perform substantially in accordance with the accompanying written materials for a period of 3 years from the date of receipt and (b) that the product will be free from defects in materials and workmanship under normal use and service for a period of 3 years. In the event applicable law imposes any implied warranties, the implied warranty period is limited to 3 years from the date of receipt. Some jurisdictions do not allow such limitations on duration of an implied warranty, so the above limitation may not apply to customers that fall within those areas.

### Customer Remedies

Atlona Technologies' and its suppliers' entire liability and Customer's exclusive remedy shall be, at Atlona Technologies' decision, either return of the price paid for the product, repair, or replacement of the product that does not meet this Limited Warranty and which is returned to Atlona Technologies with a copy of the Customer's receipt. This Limited Warranty is void if failure of the product has resulted from accident, abuse, misapplication, or natural occurrence. In example but not limited to: power surges (electrical storms, local power outage), dropping the product (or items on the product), contact with fluids, and physical misconduct (i.e. kicking or punching). Any replacement product will be warranted for the remainder of the original warranty period.

### No other warranties

To the maximum extent permitted by applicable law, Atlona Technologies and its suppliers disclaim all other warranties, either expressed or implied, including, but not limited to, implied warranties of merchantability and fitness for a particular purpose, with regard to the product and any related written materials. This Limited Warranty gives customer specific legal rights. Customers may have other rights depending on the jurisdiction.

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## ATLONA PRODUCT REGISTRATION

Thank you for purchasing this Atlona product. - We hope you enjoy it and will take an extra few moments to register your new purchase.

Registration creates an ownership record if your product is lost or stolen and helps ensure you'll receive notification of performance issues and firmware updates.

At Atlona, we respect and protect your privacy, assuring you that your registration information is completely secure. Atlona product registration is completely voluntary and failure to register will not diminish your limited warranty rights.

To register go to: **<http://www.atlona.com/registration>**



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