

OG omni:games



## Digital to Analog Audio Converter

SKU: 31001076

User's Manual

*Thank you for purchasing Audio Converter. For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.*

## **INTRODUCTION**

This Digital to Analog Audio Converter converts Digital Coaxial or Digital Optical (Toslink) audio signals into stereo analog audio signals for connection to an external device, such as an amplifier, using standard RCA audio cables. This Converter is compact and easy to install.

## **FEATURES**

1. Converts Coaxial or Optical (Toslink) digital stereo audio signals to analog stereo audio
2. Supports sampling rate at 32, 44.1, 48 and 96 KHz
3. 24-bit S/PDIF incoming bit stream on left and right channels
4. Provides electromagnetic-noise-free transmission
5. Easy to install and simple to operate

## **PACKAGE CONTENTS**

1x Audio Converter  
1x DC 5V Power adapter  
User's Manual

## CONNECTION & OPERATION

*Before installation, please make sure to turn off all devices you wish to connect.*

1. Connect the audio device to the Converter using Toslink or Coaxial cables.
2. Connect the A/V Receivers or Amplifiers to the Converter using L/R cable.
3. Turn on the Converter using included power adapter.

## SPECIFICATIONS

Input Audio	: Optical Toslink or Digital Coax RCA
Output Audio	: Analog stereo (L and R) RCA
Sampling Rate	: 32, 44.1, 48, and 96 kHz
Frequency Response	: 20 Hz to 20 kHz $\pm$ 0.15 dB
Signal to Noise Ratio	: $\geq$ 90dB
Crosstalk	: $\leq$ -85 dB
Distortion	: $\leq$ 0.004%
Input Power	: 5 VDC, 2A
Power Consumption	: 0.5 watts (max)
Dimensions	: 2.0" x 1.6" x 1.0"
Weight	: 78g
Operating Temperature	: +32 ~ +158°F (0 ~ +70°C)
Storage Temperature	: +14 ~ +176° (-10 ~ +80°C)

## REGULATORY COMPLIANCE

### Notice for FCC



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.

Modifying the equipment without Omnigates' authorization may result in the equipment no longer complying with FCC requirements for Class B digital devices. In that event, your right to use the equipment may be limited by FCC regulations, and you may be required to correct any interference to radio or television communications at your own expense.

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. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

### Radio Notice for FCC

#### Caution

This FCC Part 15 radio device operates on a non-interference basis with other devices operating at this frequency. Any changes or modification to said product not expressly approved by Omnigates, including the use of non-approved antennas, could void the user's authority to operate this device.

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.

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