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› Portta Digital Optical Coax to Analog RCA Audio Converter Adapter Manual

Portta PETDTAP

Portta Digital Optical Coax to Analog RCA Audio Converter Adapter

Brand: Portta

Model: PETDTAP

INTRODUCTION

The Portta Digital Optical Coax to Analog RCA Audio Converter Adapter (Model PETDTAP) is designed to convert digital audio signals from Toslink (optical) or Coaxial inputs into analog L/R RCA stereo audio. This allows modern devices with digital audio outputs to connect to older audio systems that only accept analog RCA inputs. It supports 2-channel Stereo LPCM CH2.0 audio signals.

PACKAGE CONTENTS

- Main Unit (Portta Digital to Analog Audio Converter)
- USB Power Cable
- User Manual (this document)

FEATURES

- Converts Digital Coaxial or Toslink (Optical) audio input to analog L/R RCA stereo audio output.
- Supports uncompressed 2-channel Stereo LPCM CH2.0 digital audio signals.
- Supports sampling rates of 32, 44.1, 48, and 96 KHz.
- Handles 24-bit S/PDIF incoming bit stream on left and right channels.
- Provides electromagnetic-noise-free transmission for clear audio.
- Easy to install and simple to operate (Plug & Play).
- Powered via a 5V DC USB power cable.
- Compatible with devices such as PS3, Xbox, HD DVD, PS4, Sky HD, Plasma TVs, Blu-ray players, Home Cinema Systems, AV Amps, and Apple TV.

Note: This converter does NOT support 5.1 channel audio formats.

SPECIFICATIONS

Product Dimensions	2.44 x 2.01 x 0.66 inches
Item Weight	1.12 ounces
Model Number	PETDTAP
Color	Black
Connector Type	Digital Optical (Toslink), Digital Coaxial, RCA (L/R)
Power Supply	5V DC (via USB Power Cable)
Supported Audio Formats	Uncompressed 2-channel Stereo LPCM CH2.0
Sampling Rates	32, 44.1, 48, 96 KHz
Bit Stream	24-bit S/PDIF incoming bit stream

SETUP INSTRUCTIONS

1. Connect the Digital Audio Source

Connect your digital audio source (e.g., TV, game console, Blu-ray player) to the Portta converter using either a Toslink (optical) cable or a Coaxial cable. Insert the cable into the corresponding "Digital Audio Input" port on the converter.



Image Description: A close-up of the Portta Digital to Analog Audio Converter, showing the digital input ports for Toslink (optical) and Coaxial cables.

2. Connect to Analog Audio Receiver

Connect your analog audio receiver (e.g., amplifier, stereo system, headphones with RCA adapter) to the Portta converter using standard L/R RCA cables. Plug the red and white RCA connectors into the "Analog L/R RCA Output" ports on the converter.



Image Description: A close-up of the Portta Digital to Analog Audio Converter, showing the analog L/R RCA output ports.

3. Power the Converter

Connect the provided USB power cable to the converter's 5V DC input port and then to a USB power source (e.g., a USB wall adapter, TV USB port, or computer USB port). The converter requires external power to function.



Image Description: A close-up of the Portta Digital to Analog Audio Converter, showing the 5V DC power input port.

4. Configure Audio Output on Source Device

Crucial Step: Ensure your source device's digital audio output is set to PCM/LPCM (2-channel stereo).

This converter does not decode Dolby Digital or DTS 5.1 channel audio. If your source device is set to output these formats, you will not get sound. Refer to your source device's user manual for specific instructions on how to change the audio output format.

General steps for many TVs:

1. Go to your device's Home page.
2. Navigate to System Settings.
3. Select Picture and Sound or Audio Settings.
4. Find Digital Audio Output or similar setting.
5. Change the setting to PCM/LPCM or 2-channel Stereo.



Image Description: A diagram showing the flow of digital audio from a source device, through the converter, and out as analog audio to a receiver.

OPERATING INSTRUCTIONS

Once all connections are made and the source device's audio output is configured to PCM/LPCM, the Portta Digital to Analog Audio Converter will automatically convert the digital signal to analog. No further user interaction is typically required for basic operation.

- Ensure the converter is powered on (indicated by an LED light if present).
- Select the correct input on your analog audio receiver to hear the sound.

TROUBLESHOOTING

No Sound Output:

- **Check Power:** Ensure the converter is properly powered via the USB cable and the power indicator light is on.
- **Verify Audio Format:** This is the most common issue. Confirm that your source device's digital audio output is set to PCM/LPCM (2-channel stereo). The converter does not support Dolby Digital or DTS 5.1.
- **Cable Connections:** Double-check all Toslink/Coaxial and RCA cable connections to ensure they are secure and correctly inserted.
- **Input Selection:** Make sure your analog audio receiver is set to the correct input channel where the RCA cables are connected.
- **Volume Levels:** Increase the volume on both your source device and your analog audio receiver.
- **Test Cables:** If possible, test the digital audio cables and RCA cables with other devices to rule out faulty cables.

Distorted or Poor Quality Sound:

- **Cable Quality:** Ensure you are using high-quality audio cables.
- **Interference:** Keep the converter and cables away from strong electromagnetic interference sources.
- **Source Quality:** The output quality is dependent on the input digital audio quality.

MAINTENANCE

To ensure the longevity and optimal performance of your Portta Digital to Analog Audio Converter, follow these simple maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Avoid liquid cleaners or abrasive materials.
- **Storage:** Store the converter in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the device and its cables with care to prevent damage to connectors or internal components.
- **Ventilation:** Ensure the device has adequate ventilation and is not covered, to prevent overheating.

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Portta website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

You can visit the Portta Store on Amazon for more product information: [Portta Store](#)