PROZOR DAC122

PROZOR 192KHz Digital to Analog Audio Converter

Model: DAC122
Brand: PROZOR

Introduction

The PROZOR 192KHz Digital to Analog Audio Converter is designed to convert digital optical (SPDIF/Toslink) audio signals to analog 3.5mm or RCA audio signals. This device enhances audio clarity and quality, making it suitable for use with HDTVs, set-top boxes, DVD/Blu-ray players, and other audio sources that require conversion to analog output.

Package Contents

Please verify that all items listed below are included in your package:

- PROZOR 192KHz Digital to Analog Audio Converter (DAC122)
- User Manual
- Optical Cable
- USB Power Cable
- 3.5mm to RCA Cable (if included with your specific model variant)



Image: Contents of the PROZOR DAC Converter package, showing the main unit, optical cable, USB power cable, and user manual.

Features

- **Optical to RCA/3.5mm Conversion:** Converts digital optical (SPDIF/Toslink) audio signals to analog 3.5mm or RCA audio outputs.
- **Built-in Audio Amplifier Chip:** Features a professional audio amplifier chip to boost 3.5mm or RCA output levels for clearer, more powerful sound.
- **High Sampling Rate Support:** Supports sampling rates up to 192 kHz/24 bits, including 32, 44.1, 48, 96, and 192 kHz.
- **Volume Control:** Integrated volume knob allows for easy adjustment of audio output levels.
- **Compact and Lightweight Design:** Portable design with integrated RCA cable for easy installation and minimal space requirement.
- **Ferrite Choke:** The power adapter includes a ferrite choke to improve the electromagnetic field and reduce external interference.



Image: An internal view of the converter highlighting the built-in audio amplifier chip and 192KHz 24-bit sampling rate support.



Image: The power cord of the converter featuring a ferrite choke, designed to ensure stable operation by reducing electromagnetic interference.

Setup and Installation

Follow these steps to set up your PROZOR Digital to Analog Audio Converter:

1. **Connect Optical Cable:** Insert one end of the optical cable into the digital optical output port of your source device (e.g., HDTV, DVD player, game console). Connect the other end to the optical input port on the PROZOR converter.
2. **Connect Audio Output:**
    - For RCA output: Connect the RCA cables from the converter's RCA output ports (red for right, white for left) to the corresponding analog input ports on your amplifier, speakers, or receiver.
    - For 3.5mm output: Connect a 3.5mm audio cable from the converter's 3.5mm output jack to your headphones or 3.5mm input device.
3. **Connect Power:** Connect the USB power cable to the converter's power input port. Plug the USB end into a USB power source (e.g., TV USB port, USB wall adapter, computer USB port).
4. **Configure Source Device Audio Output:** It is crucial to set your source device's digital audio output format to **PCM/LPCM**. The converter is not compatible with 5.1 channel signals such as Dolby AC3. Refer to your

source device's manual for specific instructions on changing audio output settings. Typically, this can be found under: *Settings > Sound > Sound Out > Optical > Digital Sound Out > PCM/LPCM*



Image: Overview of the PROZOR DAC Converter with all necessary cables connected, illustrating the setup.



Image: A visual guide demonstrating how to connect the converter to an HDTV, game console, 3.5mm headphones, and a stereo audio system.



Image: A television screen displaying the sound output settings, emphasizing the selection of "Optical" and "PCM" for proper audio conversion.

Setup Demonstration Video

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Video: A comprehensive guide demonstrating the unboxing, connection, and setup process for the PROZOR 192KHz DAC Converter, including how to adjust TV audio settings to PCM.

Operation

Once connected and configured, the PROZOR DAC Converter operates automatically. The primary operational control is the volume knob located on the unit.

- **Volume Control:** Rotate the knob clockwise to increase the volume and counter-clockwise to decrease it. This allows for fine-tuning of the audio output level to your connected speakers or headphones.



Image: A detailed view of the volume control knob on the converter, indicating its function for adjusting audio output.



Image: The converter in use, connected to a television and external speakers, demonstrating its ability to maintain original audio quality for a clear sound experience.

Maintenance

To ensure the longevity and optimal performance of your PROZOR DAC Converter, follow these simple maintenance guidelines:

- Keep the device in a dry environment, away from moisture and extreme temperatures.
- Avoid exposing the converter to direct sunlight or heat sources.
- Clean the exterior with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- Ensure cables are not bent sharply or placed under heavy objects to prevent damage.

Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
No audio output.	Incorrect audio output format on source device.	Ensure your source device's digital audio output is set to**PCM**/**LPCM**. This converter does not support Dolby AC3 or 5.1 channel signals.
No audio output.	Loose cable connections.	Check all optical, RCA/3.5mm, and USB power cable connections to ensure they are securely plugged in.
Low or distorted audio.	Volume setting too low or too high.	Adjust the volume knob on the converter. Also, check the volume levels on your source device and connected audio system.
Intermittent audio or static.	Interference or faulty cable.	Ensure the ferrite choke on the power cable is properly positioned. Try using a different optical or audio cable to rule out cable issues. Keep the converter away from strong electromagnetic fields.
Power indicator light is off.	No power supply.	Verify the USB power cable is correctly connected to a working USB power source. Try a different USB port or power adapter.

Specifications

Specification	Detail
Product Dimensions	2.99 x 2.87 x 0.04 inches
Item Weight	5.29 ounces
Model Number	DAC122
Manufacturer	PROZOR
Input Interface	Optical (SPDIF/Toslink)
Output Interface	RCA (L/R), 3.5mm Jack
Sampling Rate Support	Up to 192KHz/24Bit (32, 44.1, 48, 96, 192 kHz)
Power Supply	5 Volts (via USB Power Cable)

Warranty and Support

PROZOR products are designed for reliability and performance. For warranty information and technical support, please refer to the official PROZOR website or contact their customer service directly. Keep your purchase receipt for warranty claims.
For further assistance, you may visit the PROZOR Store on Amazon.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question

and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question