PROZOR DAC122

PROZOR 192KHz Digital to Analog Audio Converter with Volume Control User Manual

Model: DAC122

1. Introduction

This manual provides detailed instructions for the PROZOR 192KHz Digital to Analog Audio Converter with Volume Control. This device is designed to convert digital audio signals (Optical SPDIF) to analog 3.5mm or RCA audio signals, offering clearer and higher quality sound output. It is ideal for use with HDTVs, set-top boxes, DVD/Blu-ray players, and other compatible audio sources.
The converter features a built-in professional audio amplifier chip and a volume control knob, allowing for precise adjustment of output levels for an enhanced audio experience.

2. 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



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

3. Setup and Installation

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

1. **Connect the Optical Cable:** Insert one end of the provided optical cable into the "Optical In" port on the PROZOR converter. Connect the other end to the digital optical audio output (SPDIF) port on your source device (e.g., HDTV, DVD player).
2. **Connect Audio Output:**
    - For RCA connection: Connect the integrated RCA cables from the converter to the RCA input ports (red for right, white for left) on your amplifier, stereo system, or active speakers.
    - For 3.5mm connection: Connect a 3.5mm audio cable (not included) from the 3.5mm output jack on the converter to your headphones or 3.5mm input on an audio device.
3. **Connect Power:** Connect the USB power cable to the converter's power input port. Plug the USB end into a

standard USB power adapter (5V/1A, not included) or a USB port on your TV/device. The converter is designed with a magnetic ring power cord for stable operation.

4. **Configure Source Device Audio Output:** It is crucial to set your source device's (e.g., TV) digital audio output format to **PCM/LPCM**. This converter is not compatible with 5.1 channel signals such as Dolby AC3.
    - Typical path: *Settings > Sound > Sound Out > Optical > Digital Sound Out > PCM/LPCM*



Image: Connection diagram illustrating how the PROZOR DAC converter connects to an HDTV, game console, 3.5mm headphones, and a stereo audio system.



Image: A television screen displaying the "Sound Out" menu, highlighting the selection of "Optical" output and setting "Digital Sound Out" to "PCM". This is a critical step for proper operation.



Image: A close-up view of the power cable for the PROZOR converter, showing the integrated ferrite choke designed to improve electromagnetic field stability and reduce external interference.

Setup and Operation Video Guide

Your browser does not support the video tag.

Video: An official PROZOR video demonstrating the unboxing, connection steps, setting the TV audio output to PCM, and using the volume control feature of the 192KHz DAC Converter.

4. Operating Instructions

Once connected and configured, the PROZOR converter is ready for use:

- **Power On:** The device will power on automatically when connected to a power source.
- **Volume Control:** Use the integrated volume control knob on the converter to adjust the audio output level. Rotate the knob clockwise to increase volume and counter-clockwise to decrease it. This feature is enabled by the built-in audio amplifier chip, providing a clearer and more powerful sound.



Image: A close-up view of the PROZOR DAC converter highlighting the volume control knob, which allows users to easily adjust the audio output level.



Image: An exploded view of the PROZOR DAC converter, revealing the internal professional audio amplifier chip that supports 192KHz/24bit sampling rates for high-fidelity audio.



Image: The PROZOR DAC converter connected between a television and an external speaker, illustrating its role in delivering pure and clear sound quality.

5. Maintenance

To ensure the longevity and optimal performance of your PROZOR converter:

- Keep the device in a dry environment, away from moisture and extreme temperatures.
- Clean the exterior with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- Avoid dropping or subjecting the device to strong impacts.

6. Troubleshooting

If you encounter issues with your PROZOR converter, please refer to the following common problems and solutions:

Problem	Possible Cause / Solution

Problem	Possible Cause / Solution
No sound output.	Ensure all cables (optical, RCA/3.5mm, power) are securely connected. Verify that your source device's audio output is set to**PCM**/**LPCM**. This converter does not support Dolby AC3 or 5.1 channel signals. Check the volume level on both the converter and your connected audio device (speakers/headphones). Test with different cables or audio sources if possible to isolate the issue.
Static or humming noise.	Ensure the power cable is properly connected and the ferrite choke is correctly positioned to minimize interference. Check for ground loop issues. Try plugging the power adapter into a different outlet. Ensure the optical cable is not bent or damaged, as this can affect signal integrity. Reduce the volume on the source device and increase it on the converter or vice-versa to find an optimal balance.
Device not powering on.	Confirm the USB power cable is connected to a working 5V/1A USB power source. Try a different USB port or power adapter.

7. Specifications

Feature	Detail
Product Dimensions	2.99 x 2.87 x 0.04 inches; 5.29 ounces
Item Model Number	DAC122
Manufacturer	PROZOR
ASIN	B08HWFNJ95
Country of Origin	China
Maximum Supply Voltage	5 Volts
Minimum Supply Voltage	5 Volts
Mounting Type	Optical to RCA & 3.5mm
Number of Pins	6

8. Warranty and Support

For warranty information or technical support, please refer to the official PROZOR website or contact the seller directly through your purchase platform. You can also visit the PROZOR Store on Amazon for additional resources and contact details.

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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