

PROZOR PST158

PROZOR 192kHz Digital to Analog Audio Converter (Model PST158) Instruction Manual

INTRODUCTION

This manual provides instructions for the PROZOR 192kHz Digital to Analog Audio Converter, Model PST158. This device converts digital audio signals from optical (Toslink) or coaxial inputs into analog stereo L/R RCA and 3.5mm headphone jack outputs. It features a built-in volume control for adjusting output levels, enhancing compatibility with various audio systems.

PACKAGE CONTENTS

- PROZOR 192KHz DAC Converter
- USB Power Cable (5.5mm)
- Optical Cable (Toslink)
- User Manual



Image: Contents of the PROZOR 192kHz DAC Converter package.

PRODUCT OVERVIEW

Front Panel

The front panel of the converter features the 3.5mm headphone jack, a power indicator LED, and L/R RCA analog audio outputs (red for right, white for left).

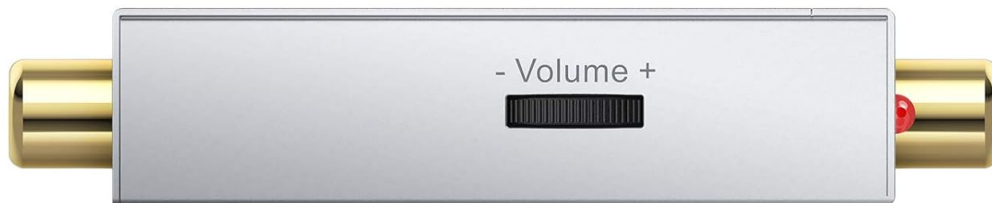


Image: Front view of the converter with output ports and power indicator.

Rear Panel

The rear panel includes the Toslink (optical) input, Coaxial input, and the DC 5V power input for connecting the USB power cable.

INPUT



OUTPUT

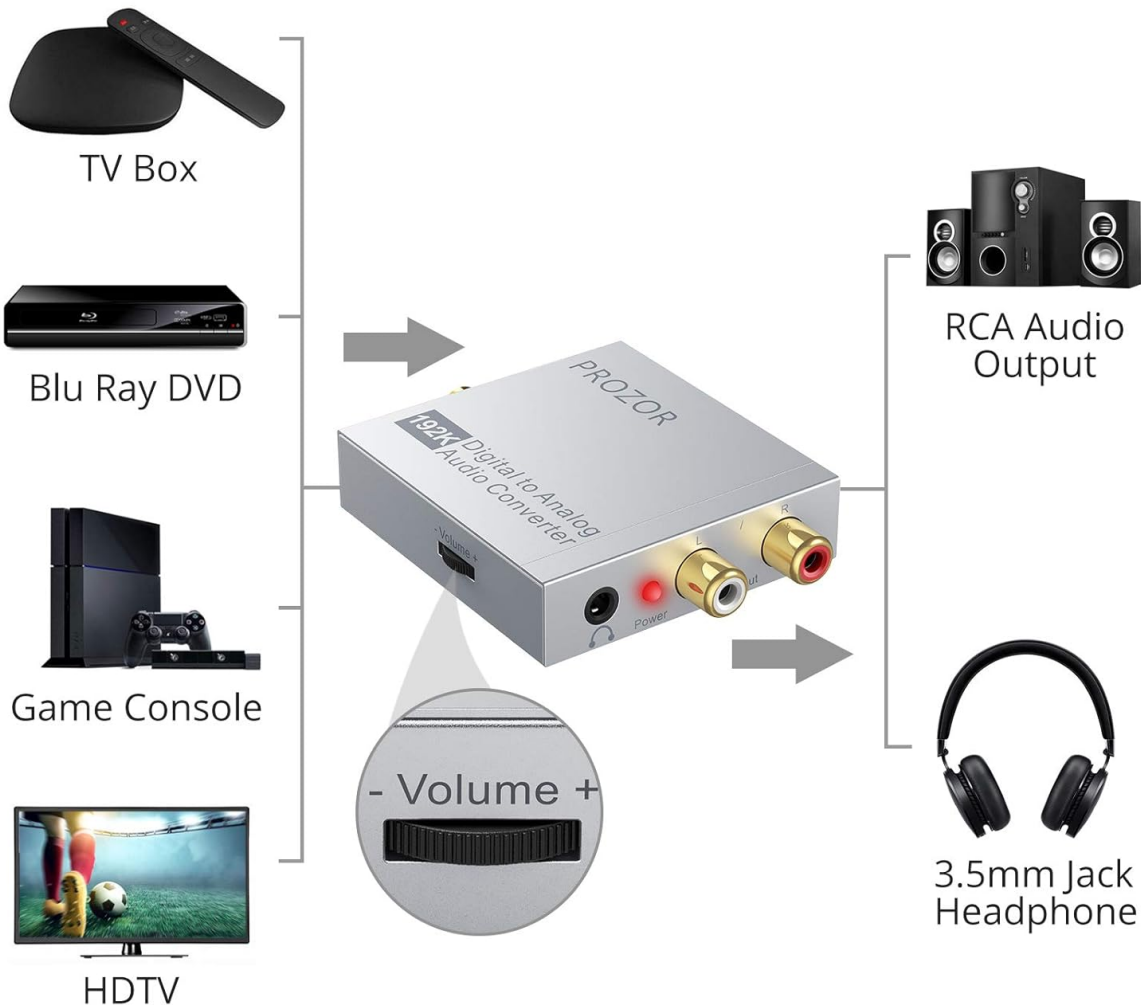


Only Seperate on 5V 1A Power Adapter

Image: Rear view of the converter with input ports.

Side Panel

The side panel features a volume control knob, allowing users to adjust the output level for both the 3.5mm headphone jack and RCA outputs.



Please set your TV audio output format to PCM/LPCM

Image: Close-up of the volume control knob on the side of the converter.

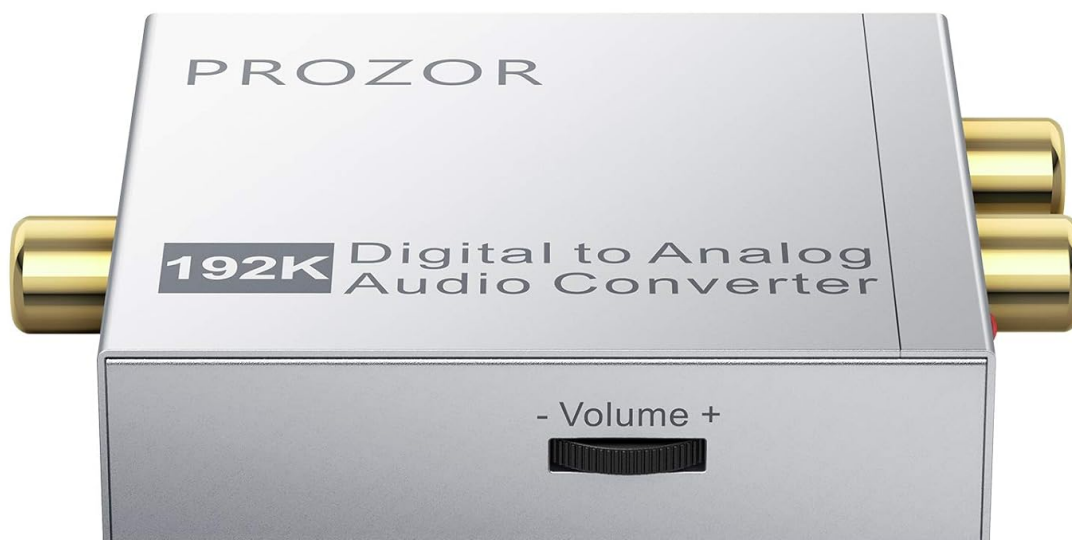
SETUP INSTRUCTIONS

Follow these steps to connect and set up your PROZOR 192kHz Digital to Analog Audio Converter:

1. **Connect Digital Audio Source:** Connect your digital audio source (e.g., TV, Blu-ray player, game console) to the converter's Toslink (optical) or Coaxial input using the appropriate cable. Ensure the cable is fully inserted.
2. **Connect Analog Audio Receiver:** Connect your analog audio receiver (e.g., amplifier, headphones, speakers) to the converter's L/R RCA outputs or 3.5mm headphone jack.
3. **Power Connection:** Connect the provided USB power cable to the DC 5V input on the converter. Plug the USB end into a standard 5V 1A USB power adapter (not included) or a compatible USB port on your source device (e.g., TV). The power indicator LED on the converter will illuminate when powered.
4. **Configure Audio Source:** It is crucial to set your digital audio source's output format to **PCM/LPCM**. Refer to your source device's user manual for specific instructions on how to change this audio output setting. The converter does not support DTS/Dolby AC3 or other 5.1 channel audio formats.

Volume button

Adjust the output volume +/- for 3.5mm audio jack



Vol- ← ———→ Vol+

Image: Connection diagram illustrating typical setup with various audio sources and outputs.



Video: An overview of the PROZOR 192kHz DAC Converter, including its components and basic connections. This video demonstrates the physical aspects and initial setup of the device.

OPERATING INSTRUCTIONS

After successful setup, the converter will automatically process the digital audio signal. Use the volume knob on the side of the converter to adjust the output volume to your desired level. This control affects both the RCA and 3.5mm headphone outputs.



Image: Illustration of the volume control knob and its function.

IMPORTANT NOTES

- This converter is designed for **digital to analog conversion only** and is NOT reversible. It cannot convert analog signals to digital.
- A **5V 1A USB power adapter** is required but not included. Using a power adapter with insufficient current may result in unstable operation or poor audio quality.
- For optimal performance, ensure your audio source's digital output is set to **PCM/LPCM format**. DTS/Dolby AC3 and other 5.1 channel audio formats are not supported by this device.
- The device supports audio sampling rates of 32kHz, 44.1kHz, 48kHz, 96kHz, and up to 192kHz at 24-bit resolution.
- The aluminum metal shell provides durability and helps with heat dissipation.

SPECIFICATIONS

Feature	Detail
Model Number	PST158

Feature	Detail
Input Interface	Toslink (Optical), Coaxial
Output Interface	L/R RCA, 3.5mm Headphone Jack
Sampling Rate Support	32kHz, 44.1kHz, 48kHz, 96kHz, 192kHz (24-bit)
Power Input	DC 5V (via 5.5mm USB power cord)
Dimensions (L x W x H)	Approx. 60mm x 56mm x 15mm (2.36 x 2.2 x 0.59 inches)
Material	Aluminum Metal Shell

Compact and Sturdy



Image: Dimensions of the PROZOR 192kHz DAC Converter.

TROUBLESHOOTING

No Sound Output

- Verify all audio and power cables are securely connected to the correct ports.
- Ensure the power indicator LED on the converter is illuminated. If not, check the USB power

connection and adapter.

- Confirm that your digital audio source's output format is set to**PCM/LPCM**. This is a common cause for no sound.
- Adjust the volume knob on the converter and the volume on your connected analog audio device (e.g., headphones, amplifier).
- Test with different audio cables or a different digital audio source to help isolate whether the issue is with the converter, cables, or source device.



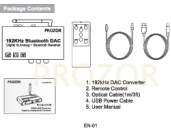
Buzzing or Static Noise

- Ensure all connections are tight and free from interference.
- Try using a different 5V 1A USB power adapter. A low-quality or underpowered adapter can introduce noise.
- Check for ground loop issues. Try plugging the power adapter into a different electrical outlet or using a ground loop isolator if the issue persists.
- Confirm the input audio format is PCM/LPCM. Incorrect formats can sometimes cause unexpected audio artifacts.

WARRANTY AND SUPPORT

For detailed warranty information, technical assistance, or customer support, please refer to the documentation included with your product or visit the official PROZOR website. Keep your purchase receipt for warranty claims.

Related Documents - PST158

	<p>PROZOR PST158a 192kHz 5.1CH DAC Converter User Manual and Guide</p> <p>Comprehensive guide for the PROZOR PST158a 192kHz 5.1CH Digital to Analog Audio Converter, covering package contents, setup, operation, troubleshooting, and specifications.</p>
	<p>PROZOR PST054c 192KHz DAC User Manual: Digital to Analog Audio Converter with Volume Control</p> <p>This user manual details the PROZOR PST054c 192KHz DAC, a digital to analog audio converter with volume control. It covers product specifications, interface descriptions, connection and operation, package contents, frequently asked questions, and warranty information for converting digital audio signals to analog.</p>
	<p>PROZOR 192kHz DAC Converter User Manual</p> <p>This user manual provides instructions for the PROZOR 192kHz DAC Converter with Bluetooth 5.0, covering package contents, device features, connection diagrams, operation, Bluetooth pairing, and troubleshooting.</p>

<p>4-Port Digital to Analog Converter Amplifier by Remote Control</p> <p>~</p>	<p>PROZOR 4-Port Digital to Analog Converter Amplifier with Remote Control User Manual</p> <p>User manual and specifications for the PROZOR 4-Port Digital to Analog Converter Amplifier, featuring multiple digital inputs (Toslink, Coaxial), analog outputs (RCA, AUX), and remote control operation. Includes detailed panel descriptions, connection diagrams, operation steps, and usage notes.</p>
<p>A Special Notice:</p> <p>1. PROZOR Bluetooth DAC supports digital PCM or LPCM audio format. Please verify with your digital audio device such as HD TV, TV BOX, or game console into PCM or LPCM audio before using. NOT support DTS/Dolby AC3.</p> <p>2. PCM Setting Path: Device homepage → system setting → image and sound → sound setting → digital audio output → PROZOR DAC</p> <p>3. If you are connecting to the TV, please follow the steps below to set it up.</p> <p>4. Setting TV settings path:</p> <p>TV PCM format: Settings → Sound → Expert Settings → Audio Format → PCM</p> <p>5. External speakers: Settings → Sound → Select Speaker → Optical</p> <p>6. Set TV setting path:</p> <p>OSD Menu: Main → set settings → sound type → Digital → Digital Sound Out → PCM</p> <p>7. If you need to experience the output of the TV speakers and then Menu → set settings → sound out → Digital → Internal TV Speaker → Digital</p> <p>8. The TV controls our products to the sound system through the optical fiber interface, and the volume button on the remote control cannot be directly used to adjust the output volume of PROZOR Bluetooth DAC.</p> <p>9. Power charging: USB Power Cable → separate for 1A Standard Plug → not needed</p> <p>10. The TV connects our products to the sound system through the optical fiber interface, and the volume button on the remote control cannot be directly used to adjust the output volume of PROZOR Bluetooth DAC.</p> <p>11. If the volume from PROZOR Bluetooth DAC is not loud enough, please connect the output of DAC with an external amplifier, such as a power amplifier, or power amplifier.</p> <p>12. Not compatible with Dolby and DTS-Lite formats (Dolby Digital, DTS-ES).</p> <p>EN-01</p>	<p>PROZOR 192kHz Bluetooth DAC Converter: Digital to Analog Audio, Volume Control, Optical/Coaxial to RCA/3.5mm</p> <p>User guide and specifications for the PROZOR 192kHz Bluetooth DAC Converter. Learn how to connect, set up, and troubleshoot this digital-to-analog audio converter with Bluetooth 5.0.</p>
<p>Package Contents:</p> <p>PROZOR 5.1CH 192kHz DAC Converter Bluetooth 5.0 module USB Power Cable User Manual</p> <p>Caution:</p> <p>Please do not use PROZOR products with the warranty of 12 months from the date of purchase. For more details, please refer to the warranty card.</p> <p>EN-01</p>	<p>PROZOR 5.1CH 192kHz DAC Converter with Volume Control - User Manual</p> <p>This document provides instructions for the PROZOR 5.1CH 192kHz DAC Converter, detailing package contents, product overview, interface diagrams, connection and operation steps, TV setup, troubleshooting, warranty, and contact information. It supports Dolby AC-3/DTS and converts digital audio signals to analog.</p>