

EPZ EPZ-TP35PRO

EPZ TP35 PRO Portable DAC Headphone Amplifier User Manual

Model: EPZ-TP35PRO

1. INTRODUCTION AND OVERVIEW

The EPZ TP35 PRO is a mini portable IEM DAC (Digital-to-Analog Converter) and headphone amplifier designed to significantly enhance your audio experience. Featuring dual high-performance CS43198 DAC chips, it supports high-resolution audio formats including PCM 32bit/384kHz and DSD 256. Its robust CNC aluminum alloy construction ensures durability and portability, making it an ideal companion for on-the-go audiophiles. This device offers versatile connectivity with dual outputs (3.5mm single-ended and 4.4mm balanced), supports EQ adjustment via a dedicated application, and facilitates clear microphone calls.



Image: EPZ TP35 PRO Portable DAC, showcasing its compact design.

Your browser does not support the video tag.

Video: An overview of the EPZ TP35 PRO, highlighting its design and key features. This video demonstrates the product's physical appearance and some of its core functionalities.

2. PRODUCT FEATURES

- **Durable & Portable Design:** Machined from premium CNC aluminum alloy, offering a robust build and a sleek, compact form factor for enhanced durability and portability.

- **Upgraded Headphone Amplifier:** Equipped with dual high-performance CS43198 DAC chips, supporting high-resolution audio formats including 384kHz/32-bit PCM and DSD 256 for exceptional precision and crystal-clear sound.
- **Dual Outputs:** Features a 3.5mm single-ended output (112mW @ 32Ω, THD+N ≤ 0.00045%) and a 4.4mm balanced output (262mW @ 32Ω, THD+N ≤ 0.0003%), with SNR >131dB (3.5mm) and >133dB (4.4mm).
- **EQ Adjustment:** Supports custom EQ tuning via a dedicated app with a memory function, retaining preferences across devices. Fine-tuning sound effects is also possible through the official web platform.
- **Built-in 5 Digital Filters:** Choose from five distinct digital filter modes to tailor the sound signature to personal preference.
- **High Compatibility:** Broad compatibility with mainstream audio source devices, including Apple ecosystem products (macOS, iPadOS, iOS), Android, and Windows devices.



Image: Visual representation of the EPZ TP35 PRO's key features, including dual DAC chips, adjustable digital filtering, high/low gain adjustment, and dual outputs.



Image: Close-up of the dual CS43198 DAC chips, emphasizing the high-fidelity audio processing capabilities.

3. SETUP

- 1. Connect to Source Device:** Use the provided USB-C cable to connect the EPZ TP35 PRO to your smartphone, tablet, laptop, or PC. The device will power on automatically.
- 2. Connect Headphones:** Plug your headphones or IEMs into either the 3.5mm single-ended output or the 4.4mm balanced output port on the EPZ TP35 PRO.
- 3. Driver Installation (Windows Users):** For Windows devices, you may need to download and install a specific driver for optimal performance. Please visit the official EPZ website for the latest driver.

4-STRAND OXYGEN FREE COPPERSHIELDED WIREFREE TO CHANGE WIRES



Image: The 4-strand oxygen-free copper-shielded cable for connecting the DAC to a source device.

4. OPERATING INSTRUCTIONS

Volume Control

- **Volume +:** Short press to increase volume by 1 level. Long press to continuously increase the volume.
- **Volume -:** Short press to decrease volume by 1 level. Long press to continuously decrease the volume.

Gain Modes

- Click the Volume+ and Volume- buttons simultaneously to switch between high and low output gain modes.

LED Indicator Definition

The device features an RGB LED indicator that displays the current audio stream format and sampling rate:

| UAC Mode | Condition | Sampling Rate | LED Display |
|----------|-----------|---------------|-------------|
|----------|-----------|---------------|-------------|

| UAC Mode | Condition | Sampling Rate | LED Display |
|----------|---------------|---------------|--------------------------|
| UAC1.0 | PCM | 44.1K, 48K | Red (Slow Flashing) |
| | | 88.2K, 96K | Green (Always On) |
| | | 176.4K, 192K | Blue (Always On) |
| | | >352.8K | Ice Blue (Always On) |
| UAC2.0 | DSD Exclusive | All DSD rates | Green-Yellow (Always On) |

5. EQ ADJUSTMENT & DIGITAL FILTERS

The EPZ TP35 PRO allows for personalized audio tuning through its EQ adjustment features and built-in digital filters.

- **App-based EQ Tuning:** Utilize the dedicated EPZ app to customize your sound profile. The app features a memory function, ensuring your preferred EQ settings are retained even when connecting to different devices.
- **Web Platform Adjustment:** For additional personalization, sound effects can be fine-tuned through the official EPZ web platform.
- **Digital Filters:** Select from five distinct digital filter modes to modify the sound signature according to your listening preferences.



Support Android app to adjust sound effects



Support adjusting sound effects on computer web version

Support app customization and adjustment

Image: Illustration of the EPZ app and web platform for customizing sound effects and EQ settings.

6. COMPATIBILITY

The EPZ TP35 PRO offers broad compatibility with a wide range of devices, ensuring a hassle-free, high-fidelity listening experience across various platforms.

- **Apple Ecosystem:** Fully compatible with macOS, iPadOS, and iOS devices.
- **Android Devices:** Seamlessly pairs with Android smartphones and tablets.
- **Windows Devices:** Works with Windows PCs and laptops.
- **Gaming Consoles:** Can be used with various gaming consoles that support USB audio output.

Support App Customization And Adjustment

The App Sound Effect Adjustment Has A Memory Function, And It Supports Adjusting Sound Effects On The Official Web Version

10 paragraphs

High precision PEQ adjustable

2nd gear

High and low gain

5 types

Digital filtering is optional

2 types

DAC working mode

Mic Gain

Adjustable height

Balance of left and right channels

adjustable

8 types

Preset EQ

Online sound effects

shareable

Image: Visual guide demonstrating the EPZ TP35 PRO's compatibility with various devices including PCs, laptops, tablets, phones, and game players.

7. MAINTENANCE

To ensure the longevity and optimal performance of your EPZ TP35 PRO, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the device. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the device with care to prevent physical damage. Avoid dropping or subjecting it to strong impacts.
- **Connections:** Ensure all connections are secure but do not force plugs into ports.

8. TROUBLESHOOTING

If you encounter any issues with your EPZ TP35 PRO, refer to the following troubleshooting tips:

- **No Sound:**
 - Check all cable connections to ensure they are firmly seated.
 - Verify that the volume on both the source device and the EPZ TP35 PRO is not muted or set too low.
 - Ensure the correct audio output device is selected on your computer or smartphone settings.
 - For Windows, confirm that the necessary drivers are installed.
- **Distorted Sound:**
 - Reduce the volume on both the source device and the EPZ TP35 PRO.
 - Check the audio file quality; lower quality files may sound distorted.
 - Ensure your headphones are properly connected and functioning correctly.
- **Device Not Recognized:**
 - Try connecting the EPZ TP35 PRO to a different USB-C port or a different source device.
 - Restart your source device.
 - For Windows, reinstall the drivers from the official EPZ website.

- **EQ Settings Not Applying:**

- Ensure the EPZ app is correctly installed and connected to the device.
- Verify that the EQ settings have been saved and applied within the app or web platform.

9. SPECIFICATIONS

| Feature | Detail |
|--------------------|------------------------------------|
| Brand | EPZ |
| Model | EPZ-TP35PRO |
| DAC Chips | Dual CS43198 |
| Supported PCM | Up to 32bit/384kHz |
| Supported DSD | DSD 64/128/256 |
| Outputs | 3.5mm Single-ended, 4.4mm Balanced |
| 3.5mm Output Power | 112mW @ 32Ω |
| 3.5mm THD+N | ≤ 0.00045% |
| 3.5mm SNR | >131dB |
| 4.4mm Output Power | 262mW @ 32Ω |
| 4.4mm THD+N | ≤ 0.0003% |
| 4.4mm SNR | >133dB |
| Interface Type | USB-C |
| Material | CNC Aluminum Alloy |

10. WARRANTY AND SUPPORT

Warranty Information

The EPZ TP35 PRO comes with a **1-year limited warranty** from the date of purchase. This warranty covers manufacturing defects and ensures the product meets its specified performance standards under normal use. Please retain your proof of purchase for warranty claims.

Customer Support

For technical assistance, driver downloads, or any inquiries regarding your EPZ TP35 PRO, please visit the official EPZ website or contact EPZ customer service directly. Contact information can typically be found on the product packaging or the official website.

