ST2 Pro

Generic ST2 Pro USB-C Wired Earbuds User Manual

Model: ST2 Pro | Brand: Generic

1. INTRODUCTION

The Generic ST2 Pro USB-C Wired Earbuds are designed to deliver high-fidelity audio with the convenience of a direct USB-C connection. Featuring an integrated ESS ES9218AC Pro DAC chip and dual 10mm dynamic drivers, these in-ear monitors provide a high-resolution listening experience without the need for external charging or Bluetooth pairing. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your ST2 Pro earbuds.

2. WHAT'S IN THE BOX

- 1 x ST2 Pro USB-C Wired Earbuds
- 3 Pairs x Ergonomics Silicone White EarTips (S, M, L)
- 1 x USB-C to USB-A Adapter
- 1 x Pouch Bag
- 1 x User Manual
- 1 x Warranty Card
- 1 x Product Quality Certificate

Figure 2.1: Generic ST2 Pro USB-C Wired Earbuds with detachable cable. The image shows the transparent earbud housings, the braided cable, and the USB-C connector.

3. SETUP

3.1 Attaching EarTips

1. Select the appropriate size of silicone EarTips (Small, Medium, or Large) for a comfortable and secure fit. A proper seal is crucial for optimal sound quality and noise isolation.

2. Gently push the selected EarTip onto the nozzle of each earbud until it is securely attached.

3.2 Connecting to Your Device

1. Identify the USB-C connector on the earbud cable.

2. Plug the USB-C connector directly into the USB-C port of your compatible device (smartphone, tablet, PC, DAC, DAP).

3. If your device only has a USB-A port, use the provided USB-C to USB-A adapter. Connect the earbud's USB-C connector to the adapter, then plug the adapter into your device's USB-A port.

4. The earbuds are plug-and-play and should be recognized automatically by most operating systems (Windows, iOS, Mac OS, Android, HarmonyOS).

Driving Big Sound To Rival High-End Desktop DAC

ES9281C PRO	PCM	DSD Direct Stream Digital	MQA
ES9281AC PRO	32-Bit/384kHz	Native DSD 64/128	8X MQA Support
DNR	**THD**	**SNR**	
122dB	0.0012%	118dB	Output Power 70mW+70mW@32Ω

Figure 3.1: A detailed view of the USB-C connector housing the ESS ES9218AC Pro DAC chip, illustrating its internal components and capabilities.

Video 3.1: Official product video showcasing the features and benefits of the Hidizs ST2 Pro Nebula USB-C In-Ear Monitors with built-in DAC, including its high-fidelity audio capabilities and multi-device compatibility.

4. OPERATING INSTRUCTIONS

4.1 In-Line Controls

The ST2 Pro earbuds feature an in-line control unit for convenient management of audio playback and calls:

- **Play/Pause:** Press the main button once.
- **Next Track:** Press the main button twice.
- **Previous Track:** Press the main button three times.
- **Answer/End Call:** Press the main button once during an incoming call or active call.
- **Reject Call:** Press and hold the main button during an incoming call.
- **Volume Control:** Use the dedicated volume up (+) and volume down (-) buttons.
- **HD Microphone:** The integrated HD microphone allows for clear voice communication during calls.

Figure 4.1: A close-up image showing the in-line control unit on the earbud cable, featuring buttons for control and an integrated HD microphone for clear communication.

4.2 Audio Playback

The ST2 Pro earbuds support high-resolution audio formats including PCM 32-Bit/384kHz and Native DSD 64/128, and can unlock Hi-Res/MQA formats from various music apps. Ensure your audio source and application settings are configured for the highest quality output to fully utilize the earbuds' capabilities.

Tap to Control, Speak with Clarity
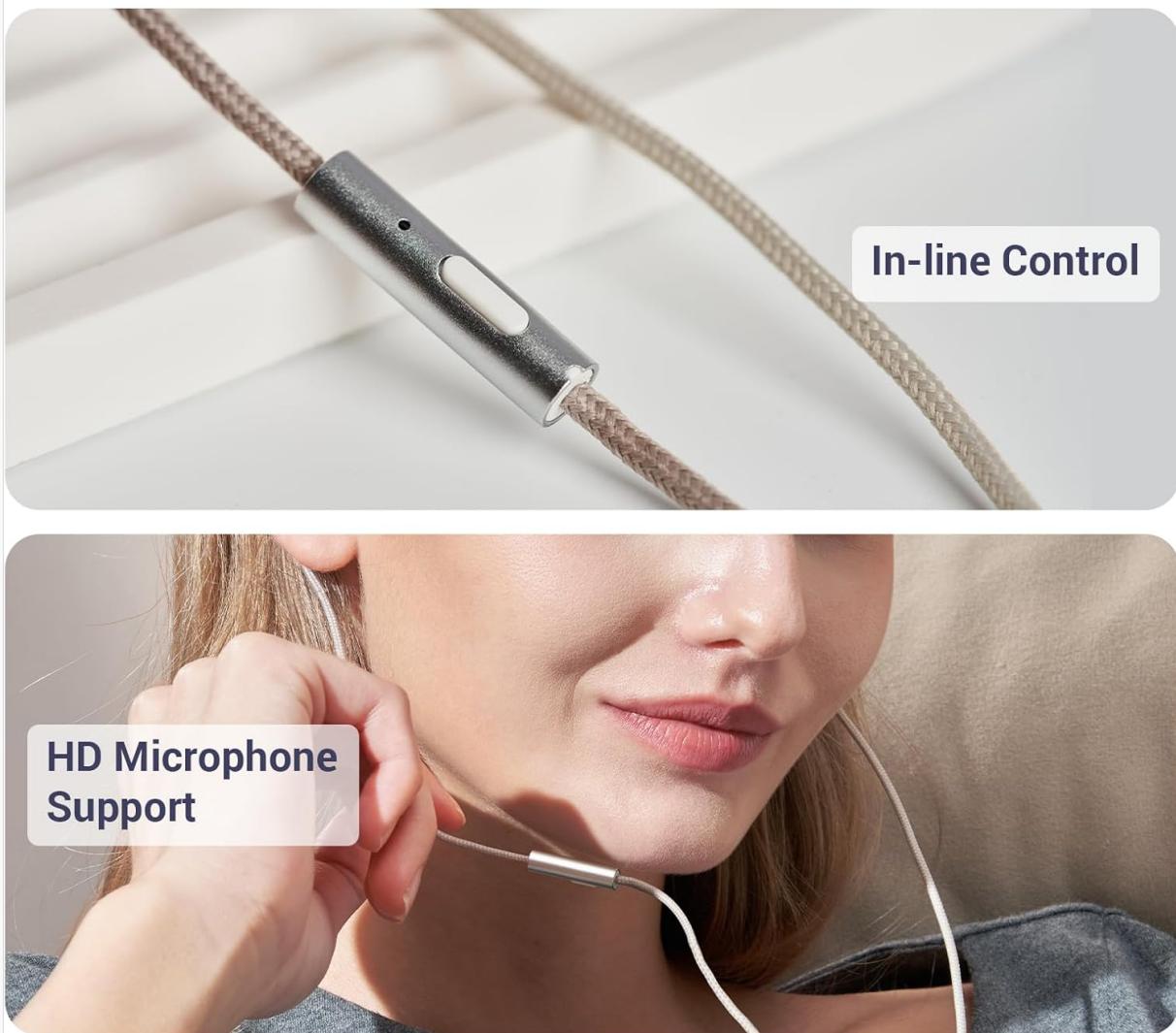

In-line Control

HD Microphone Support

Figure 4.2: A person engrossed in mobile gaming while wearing the ST2 Pro earbuds, highlighting the zero-latency audio experience for gaming and music.
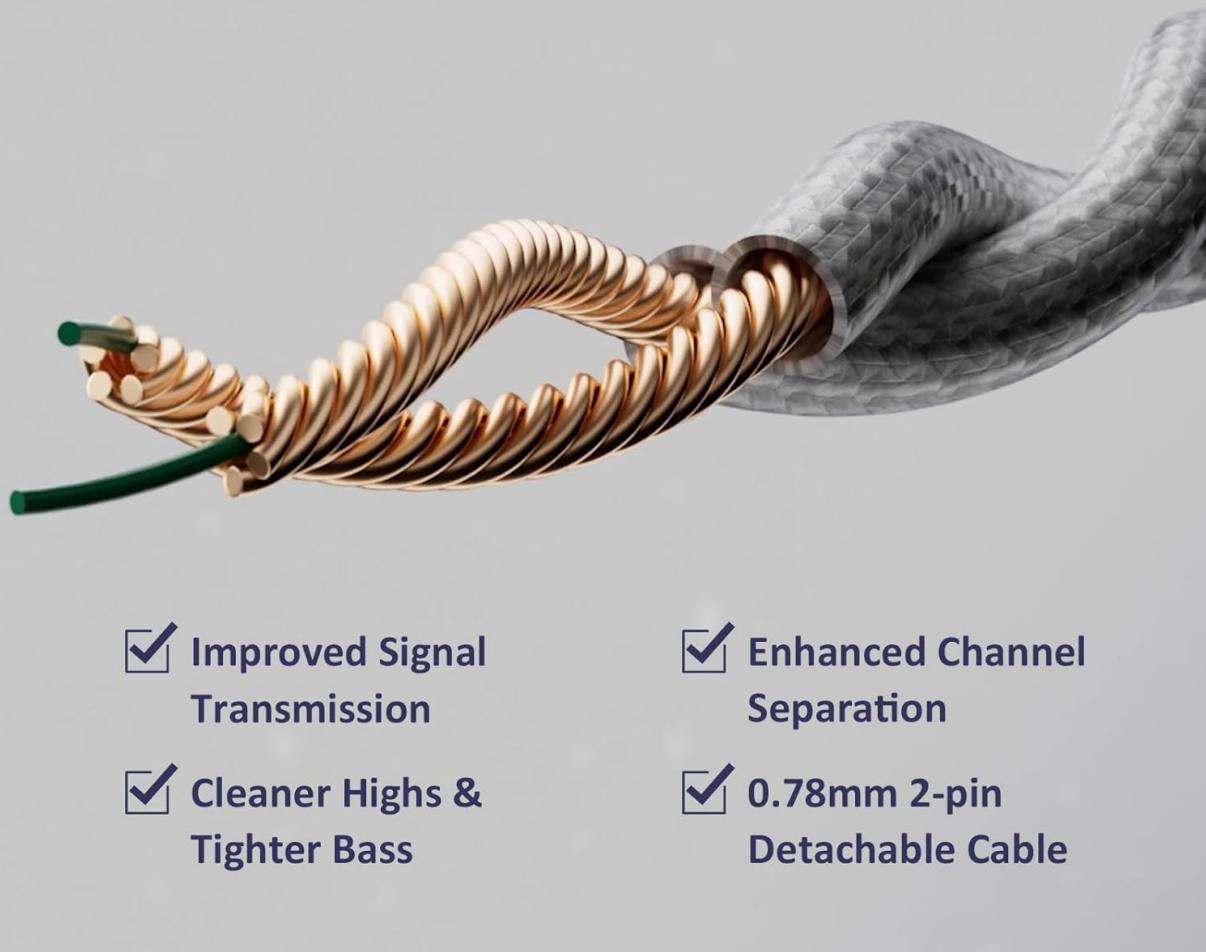
5. Maintenance

5.1 Cleaning

- Regularly clean the silicone EarTips with a soft, damp cloth to remove earwax and debris. Ensure they are completely dry before reattaching.
- Wipe the earbud housings and cable with a dry, soft cloth. Avoid using harsh chemicals or abrasive materials.

5.2 Cable Care

The ST2 Pro features high-purity oxygen-free copper cables. To prolong their lifespan and maintain sound quality:

- Avoid sharp bends or excessive pulling on the cable.
- Store the earbuds in the provided pouch bag when not in use to prevent tangling and damage.
- The cable is detachable (0.78mm 2-pin/MMCX), allowing for replacement if necessary.

High-Purity Oxygen-Free Copper Hi-End Professional Cables

☑ **Improved Signal Transmission**

☑ **Enhanced Channel Separation**

☑ **Cleaner Highs & Tighter Bass**

☑ **0.78mm 2-pin Detachable Cable**

Figure 5.1: An illustration of the high-purity oxygen-free copper cables, emphasizing their braided design and the material's benefits for signal transmission and sound quality.

6. TROUBLESHOOTING

6.1 No Sound or Low Volume

- Ensure the USB-C connector is fully inserted into your device.
- Check the volume settings on your device and using the in-line controls.
- Verify that the correct audio output device is selected in your device's sound settings.
- Test the earbuds with another compatible device to rule out device-specific issues.

6.2 Poor Sound Quality

- Ensure the EarTips create a proper seal in your ear. Try different sizes if needed.
- Check for any debris or earwax blocking the earbud nozzles.
- Ensure your audio files are of sufficient quality (e.g., Hi-Res, MQA) to fully appreciate the earbuds' capabilities.
- Avoid using damaged cables or adapters.

7. SPECIFICATIONS

Feature	Specification
Model Name	ST2 Pro
Connectivity Technology	Wired (USB Type-C)
Headphones Jack	Type-C
Audio Driver Type	Dynamic Driver
Audio Driver Size	10 Millimeters
DAC Chip	ESS ES9218AC Pro
PCM Support	32-Bit/384kHz
DSD Support	Native DSD 64/128
Sensitivity	118 dB
Impedance	32 Ohms
Noise Control	Sound Isolation
Control Type	Volume Control, Touch
Cable Feature	Detachable (0.78mm 2-Pin/MMCX)
Compatible Devices	PC, Tablet, Cellphone, DAC, DAP
Material	Plastic, Resin
Item Weight	0.1 Kilograms (3.52 ounces)
Water Resistance Level	Not Water Resistant

8. WARRANTY AND SUPPORT

Your ST2 Pro USB-C Wired Earbuds come with a Warranty Card. Please refer to the card for detailed warranty terms and conditions. For technical support or further assistance, please contact the manufacturer or your retailer.