

# Tea Pro FAQ

KHADAS

What are the differences between Tea Pro and Tea?

Tea	Tea Pro
<b>Chipset</b> Bluetooth: Qualcomm QCC5125 DAC: ESS ES9281ACPRO	<b>Chipset</b> Bluetooth: Qualcomm QCC5181 DAC: ESS ES9039Q2M USB: XMOS XU316-1024
<b>Bluetooth Version</b> 5.1	<b>Bluetooth Version</b> 5.4
<b>Bluetooth Codec Support</b> SBC/AAC/LDAC/aptX/aptX Low Latency/aptX HD	<b>Bluetooth Codec Support</b> SBC/AAC/LDAC/aptX/aptX HD/aptX Adaptive
<b>Max Sampling Rate</b> PCM 384 kHz/32 bit DSD256 (Native)	<b>Max Sampling Rate</b> PCM 768 kHz/32 bit DSD512 (Native)
<b>USB Mode Support</b> UAC 2.0	<b>USB Mode Support</b> UAC 2.0 UAC 1.0
<b>Precision Resistors</b> None	<b>Precision Resistors</b> 32 high-precision resistors
<b>Audio Performance</b> THD+N (1 kHz, 300Ω ): 0.000355% (-109 dB) SNR (1 kHz, 300Ω ): 116 dB DNR (1 kHz, 300Ω ): 115 dB	<b>Audio Performance</b> THD+N (1 kHz, No load): 0.000126% (-118dB) SNR (1 kHz, no load): 122 dB DNR (1 kHz, no load): 121 dB
<b>Headphone Jack</b> 3.5 mm headphone jack	<b>Headphone Jack</b> 3.5 mm headphone jack 4.4 mm headphone jack
<b>Headphone Compatibility</b> Supports 4-pole headphones CTIA: Audio only OMTP: Audio only	<b>Headphone Compatibility</b> Supports 4-pole headphones CTIA: Full functionality (audio, mic, inline control) OMTP: Audio only
<b>Screen</b> None	<b>Screen</b> 0.95" AMOLED color display
<b>Back Panel Material</b> Glass	<b>Back Panel Material</b> Premium wear-resistant leather
<b>Volume Control</b> Hardware DAC tuning	<b>Volume Control</b> Analog tuning with independent volume control chip for reduced noise
<b>Power Management</b> Integrated power module in Bluetooth chip ~3 hrs to full charge	<b>Power Management</b> Independent MPS power management chip ~2 hrs to full charge JEITA-compliant

## **What can Tea Pro's screen do?**

The 0.95" AMOLED screen on Tea Pro shows:

- Connection status (Bluetooth / USB-C)
- Gain level (High / Low)
- Current EQ mode
- Audio format
- Battery level
- Sampling rate

It also lets you navigate menus to adjust EQ and gain, clear Bluetooth pairings, and reset to factory settings.

## **Can Tea Pro connect to wireless headphones over Bluetooth ?**

No. Tea Pro is designed to receive (not transmit) Bluetooth audio and output it through wired headphones via its 3.5 mm or 4.4 mm jacks.

## **Does Tea Pro's 4.4 mm headphone jack support balanced audio?**

Yes. Compared with the previous generation, Tea Pro adds a 4.4 mm headphone jack that supports balanced audio transmission. The principle is to use independent positive/negative differential signals to cancel out noise during transmission, resulting in cleaner sound quality. To achieve a slimmer form factor, Khadas abandoned standard off-the-shelf components and developed a custom 4.4 mm balanced connector.

## **How can I connect my audio to Tea Pro?**

Tea Pro supports:

- USB-C wired input.
- Bluetooth wireless input, including high-res codecs like LDAC and aptX Lossless.

## **What phones work with Tea Pro's magnetic mount?**

It supports MagSafe for:

- All iPhones from 12 to 16 series.
- Android phones, if the case has supporting magnets (e.g. MagSafe-compatible cases)

## **Does the 3.5 mm or 4.4 mm jack support mics or inline controls?**

3.5 mm Headphone Jack: Yes—full CTIA support. When Tea Pro is connected to your phone via Bluetooth, plug in a CTIA (Cellular Telecommunications Industry Association) headphone and you get mic and button controls. Non-CTIA headphones still work but only output sound.

4.4 mm Headphone Jack: No mic or controls—audio output only.

## **How does Tea Pro's microphone work?**

When your device is connected to Tea Pro via Bluetooth, you can use Tea Pro's built-in microphone for calls and other voice functions.

During an incoming call, if you answer the call on your phone, it uses your phone's mic.

If you answer on the Tea Pro:

- It uses your headphone's mic (if available).
- Otherwise, it uses Tea Pro's built-in mic.

## **What can the Khadas Audio App do?**

The Khadas Audio App provides intuitive tools to optimize your listening experience and manage your device:

### Audio Control

- Adjustable gain levels for different headphones
- Select EQ modes and bands (7 presets + 10-band custom EQ)
- Precise volume control

### System Settings

- Language options: Chinese / English / Japanese / Korean
- Customizable device name for easy Bluetooth identification

### Device Management

- Online firmware updates
- Built-in Quick Start Guide for faster setup

## **What's the warranty policy for Tea Pro?**

Tea Pro includes a 1-year warranty from the order date. Product defects in materials or functionality during normal use are covered with free repair or replacement. After the warranty period, repairs are available at standard Khadas service rates.