



## ALPEN 2

### E17K User Guide

(Please read this guide thoroughly before use)

#### Introduction to FiiO E17K-DAC and headphone amplifier

The E17K is a portable multifunction audio output device, being a USB Audio decoder, DAC and headphone amplifier all rolled into one. It is suitable for obtaining high quality audio in connection with personal computers, digital audio players and other audio devices.

#### Connectivity and functionality

1.11-pin USB / dock connector: functions as normal USB port for charging and / or USB audio connection with computers, and also as a docking connector via the extra pins to realize line output, remote on / off control, etc.

2.3.5mm stereo headphone output port: suitable for a variety of headphones (recommended headphone impedance: 16-150Ω)

3.3.5mm coaxial S/PDIF input port: for receiving and decoding high-res PCM signals from e.g. Digital audio players.

4.3.5mm AUX/L0 port: functions as line output in USB/SPDIF audio modes, or as line input when AUX audio mode is selected.

5.Indicator LED: Indicates the power and charging status of the E17K.

6.High-brightness OLED matrix display: shows various status and setting info.

7.Internal high-capacity Li-polymer battery for approx. 15 hours' runtime

8.Fully bypassable Gain, Bass, Treble and Balance controls to suit various listening demands.

#### List of items included in package

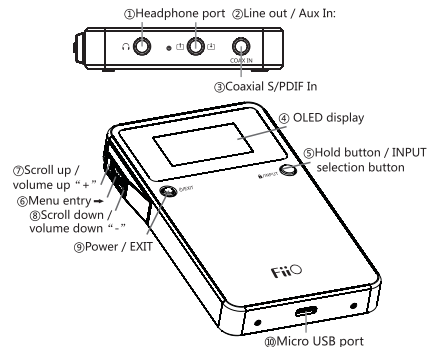
(please check to make sure that all items are included)

E17K	1pc	Coaxial input adapter cable	1pc
3.5mm stereo interconnect	1pc	USB cable	1pc
Screen protectors	2pcs	Cloth carrying pouch	1pc
Silicon bands	2pcs	Rubber feet	6pcs
User Guide	1pc	Warranty card	1pc

#### Specifications

Power supply (adapter)	DC 5V, >500mA (1A recommended)
Frequency response	20Hz~20kHz
S/N ratio	≥105dB
Crosstalk rejection	≥75dB
GAIN	0dB/6dB/12dB
TREBLE adjustment	From -10 to +10; fully bypassed at 0
BASS adjustment	From -10 to +10; fully bypassed at 0
THD	<0.003%
Max. output power	160mW(16Ω); 200mW(32Ω); 60mW(150Ω)
Battery charging time	≤220mins.
Play time	Approx. 15 hours (normal volume)
Recommended headphone impedance	16~150Ω
Dimensions	104.1mm x 62.2mm x 12.8mm
Weight	110g (incl. Battery)

#### Introduction to controls and ports



**1. Headphone port:** 3.5mm port for connection with headphones

**2.Line out / Aux In:** Functions as line input in AUX mode or line output in other modes.

**3.Coaxial S/PDIF port:** receives PCM digital audio signals

**4.OLED display:** displays various status and settings info

**5.Hold button / INPUT selection button:** Hold the button the lock/unlock the other buttons; press briefly to change input between USB, coaxial S/PDIF and AUX.

**6.Menu entry:** Press the volume knob in to enter options menu; while in the menus, scrolling the volume button up and down chooses between options while pressing in the volume knob enters the chosen submenu or activates the chosen menu item for change via scrolling the volume button, in which case pressing in the volume knob confirms the change and exits the adjustment screen.

**7.Scroll up/volume up “+”:** scroll up the volume knob to increase volume, scroll up menu entries or increase the value of a chosen option in the menus.

**8.Scroll down/volume down “-”:** scroll down the volume knob to decrease volume, scroll down menu entries or decrease the value of a chosen option in the menus.

**9.Power/EXIT:** Hold to turn the unit on or off; press briefly to go back up a menu level or exit from the menus. Indicator LED: blue indicates that the unit is powered on; red indicates that the unit is charging; purple indicates that the unit is powered on and charging.

**10.11-pin Micro USB port / dock connector:** connects to computer USB ports for audio decoding / charging; charging adapters for charging; or FiiO docking devices to output line signal; remote on / off control.

#### Precautions:

★Do not disassemble, expose the unit to water or carry out unauthorized repair on the unit.

★If the E17K is to be left unused for a long time, it should be recharged periodically to preserve its battery life.

★Please set the volume with moderation to protect your hearing and your audio equipment; turn down the volume before inserting headphones and do not listen to headphones for too long.

★There would be sound mixing at the headphone out if the E17K receives input from the AUX port while operating in USB or Coaxial S/PDIF modes. It is suggested not to connect the AUX I/O port to other inputs (such as music players) when USB or Coaxial modes are selected.

#### Troubleshooting:

★Unit can not power on? The E17K may need recharging...

★If no sound is heard or there is noise in the playback, please check whether the input device (e.g. Computer / player / device connected to line in) and the audio file are in good condition or not; also check whether the correct input is selected (remember to turn down volume before switching input).

★USB audio decoding not working: please check whether “Fiio USB DAC E17K” is selected as the output device in the audio player / system control panel. Without official drivers installed, only 16bit audio input is supported. Please install official USB drivers for up to 32bit audio input support.

★After the E17K has been connected to a computer for the first time: if it is shown as a “USB Audio Device” rather than “USB DAC E17”, this may be corrected by going to Control Panel->Hardware and Sound->Device Manager. Right-click the “USB Audio Device” and select Uninstall, click OK to confirm, then unplug and replug the E17K's USB cable to reinstall the device.

★Other sound artifacts may be caused by a bad connection at the headphone output port or the AUX input port. Please unplug and replug the cable(s) and try again. If problems persist, try wiping the headphones' or cables' plugs with a piece of tissue or contact cleaner.

★Please use the bundled interconnects or other interconnects of suitable quality and ensure that the audio input is normal.