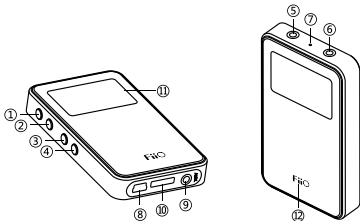


Introduction to the FiiO E7 - USB DAC Headphone Amplifier



① **Up / Volume “+”**

For increasing the volume or selecting the previous/upper item within the system menu.

② **Down / Volume “-”**

For decreasing the volume or selecting the next/lower item within the system menu.

③ **Menu** : Single click to entering the system menu; the second click to entering the sub-menu or confirming the current selection; 3 seconds press to **Unlock** when keylock.

④ **Power / Exit** : Single click to turn on E7; 3 seconds press to turn off E7; When in the system menu, press to exit current menu and return to previous menu.

⑤⑥ **Headphone output jack**: Suitable for headphone with 3.5mm stereo plug.

⑦ **Reset button** : To reset E7, use a small stick and press inside the hole till a clicking is felt.

⑧ **Mini USB port** : For PC connection in audio decoding; Recharging.

⑨ **Line-in jack** : Analog audio line-in from an external source.

⑩ **Dock connector** : Specialized dock for E9***.

⑪ **OLED screen**

⑫ **Charging indicator**

IMPORTANT NOTICE

Important:

- ★Please keep the device dry and away from moisture and humid environment, such as rain. All form of liquid and water containing corrosive substance will damage the device.
- ★Do not try to open, repair the device or place it near a source of liquid.
- ★Periodically recharging is required to maintain a healthy battery life even when the device is not in use.
- ★When you use the headphone, your ability to hear outside sounds may be affected. Do not use the headphone where it can endanger your safety.

Not working or Malfunction:

- E7 battery might need to be recharged.
- With no sound output or with distortion, please be sure that the audio source and music file is not damaged. Close the computer music player and open again, or set "USB Audio DAC" mode.
- Line-in, Headphone-output or USB connection might have a faulty or unstable connection, please reconnect all the jacks and plugs.
- Please use the included stock cable or a compatible alternative in order to ensure a secured output.
- Please try to restart E7 using the reset button. If the problem persists, please contact our company for technical support.

List of items in the package (Please verify)

E7	1	USB cable (ferrite core)	1
3.5mm interconnector cable	1	Dual layer soft pouch	1
Silicone band& Silicon case	each 1	Manual	1

Specification:

Output Power	150mW (16Ω); 16mW (300Ω)
Headphone Impedance Range	16 Ω ~ 300 Ω
SNR	≥95dB (A weighted) on LINE IN
	≥100dB (A weighted) on USB IN
Distortion	<0.009% (10mW)on LINE IN
	<0.008% (10mW) on USB IN
Frequency Range	10Hz ~ 100KHz
Power Supply	Internal rechargeable Nickel-Polymer Battery
Recharging	USB 5V DC 400mA
Size	96mm x 55mm x 15.5mm
Weight	100g

Note: Due to the USB spec restriction on digital audio format. This device only support up to 48kHz / 16bits USB decoding function.

PRODUCT INTRODUCTION

Thank you for purchasing FiiO E7 portable headphone amplifier with USB audio decoder (DAC). This product is designed to replace PC onboard soundcard that do not have enough output power for higher-end headphone. With USB audio decoding, amplification and audio output, E7 can serve as both a professional headphone amplifier as well as an external USB soundcard.

Main Features :

- USB audio decoding and output for PC, functioning as a high quality external USB soundcard*;
- Texas Instruments' PCM2706 serves as USB receiver. For better sound quality, a Wolfson WM8740 serves as digital-to-analog convertor (DAC), pairing with a high performance operational amplifier from ADI for the DAC circuit;
- Build-in headphone amplifier utilizing AD8692 and Texas Instruments' TPA6130A as pre- and power-amp for high performance, good resolution, low distortion, and powerful output;
- Standard 3.5mm stereo line-in jack for portable amplification with conventional audio source;
- Dual 3.5mm headphone output jack.

Convenient design makes it easy to share music between two listeners;

- World's first portable headphone amplifier with dual colors OLED display;
- Easy to use digital volume control function with great precision and channel balance;
- Build-in EQ for 3 levels of Bass Boost;
- Build-in rechargeable LI-ion battery for 80 hours of continuous operation**;
- Specialized dock for connecting E9*** to experience an even higher performance;
- Quality anodized aluminum satin finish case design, small and compact, ideal to be wrapped together with digital audio player;
- User selectable USB charging function to help prolong battery lifespan and lower distortion from power supply circuit;
- User definable startup volume memory and maximum volume limiter to protect user from hearing damage due to loud volume;
- Automatic keylock and screen display protection feature;
- User definable sleep timer function and total runtime display****.

* This model supports driverless plug and play on Windows XP, Windows 2000, Vista, Windows 7, and various Mac OS.

** Full battery charge via computer USB port after 200 minutes and capable of 80 hours of continuous operation, tested under laboratory condition for evaluative purpose only.

*** E9 is a desktop amplifier with greater output, better performance and an integrated E7 specified dock connector. With the dock, E7 can easily establish a line-out connection with E9 and transform both together into a high performance desktop amp with USB decoding function, capable of PC connection and recharging functions, etc.

**** Total system runtime will accumulate from the first use. It will be reset to zero after either reset button is pressed, reloading default setting, or when the battery depleted.

FUNCTIONS AND OPERATIONS

(1) E7 USB IN -- Computer USB audio input and Headphone output

Power On

(Short press 'POWER')



Connect E7 to PC

(Using the included USB cable)



Adjust to comfortable volume

(Recommend volume at 20 or below, or follow Procedure (3) to preset volume)



Connect Headphone

(To any of the 3.5mm Headphone output jack)



Start the audio application in computer

(Note: Any previously opened audio application might lose its sound after connecting E7 to PC, Please close then reopen the application)

(2) E7 LINE IN -- Audio Line in and Headphone output

Power On

(Short press 'POWER')



Connect external audio source to line-in jack



Adjust to comfortable volume

(Recommend volume at 20 or below, or follow Procedure (3) to preset volume)



Connect Headphone

(To any of the 3.5mm Headphone output jack)

(3) E7 SETTING -- EQ\ USB CHARGE\ SLEEP\ VOLUME

Power On

(Short press 'POWER')



MENU

(Short press 'MENU')



Select MENU

(via VOL '+' / '-')



Return / Exit

(Short press 'POWER')

MENU DESCRIPTION

① EQ: Bass boost

② Input Display:
 USB IN (default or USB)
 AUX IN (AUX/LINE IN)
 DOCK (OUT DOCK)

③ Sleep Timer (minutes)



④ USB in dicator

⑤ Battery indicator






MENU	EQ (BASS BOOST)	0	EQ off
		1	1 st Level Bass Bosst
		2	2 nd Level Bass Bosst
		3	3 rd Level Bass Bosst
	USB CHG (USB CHARGE)	ON	USB Recharging On
		OFF	USB Recharging Off
	SLEEP★	OFF	Sleep function Off
		10~90	Sleep function On. In 'minutes'
	KEYLOCK	OFF	Auto Keylock Off
		20~60	Auto Keylock On, in 'seconds'
	MAX VOL (Max Volume Limit)	20~60	Maximum volume limiter
	VOL MEM (Volume Memory)	OFF	Volume not memoried after power OFF
		ON	Volume not memoried after power ON
	SYSTEM	Fw Version	Firmware version
Run Time		Total system runtime will start from the first use. It will restart from zero after reset button is pressed, reloading default setting, or when the battery depleted.	
Default Setting		Loading default factory setting	

★ Sleep will be set "OFF" automatically, when E7 power off each time.

Battery Life:

E7 which required about 5 hours to fully charge (via computer USB port). Total runtime after full charge is estimated at 80 hours (under laboratory testing environment, for evaluative purpose only).

Indication for Recharging Operation

Indicator	Meaning	Recharging	Battery Full
 (when connect USB cable)	USB recharging indicator	disply	disply
	When displaying an empty battery  , please recharge immediately	Battery displaying flashing progress bars 	Battery idles in full bar, and not roll 

Default setting:

①EQ: 0 ②USB CHG: ON ③SLEEP: OFF ④KEYLOCK: OFF ⑤MAX VOL: 60 ⑥VOL MEM: OFF

⑦RUN TIME: 00 00 00
(day) (hour) (minute)

USB Charge Supplemental Explanation

When turned off and the battery has run out, this time plug in USB, charging, If the charging indicator does not light (FiiO LOGO), you need to click the POWER button to activate the USB charge.

★ warranty provision

1. Amplifier : One year free maintenance.
2. Accessories : No warranty.

FiiO Warranty for reference only, please subject to the provisions of the local Sales Agents.

Qualified Certificate 质量合格证

V03

DATE 生产日期:
(dd-mm-yyyy)

Guangzhou FiiO Electronic Technology LTD
Tel:86-20-62679040 Fax:86-20-62679042

Address: 2/F, F Building, Hougang Industrial Zone, Shigang Village,
Huangshi West Road, Balyun District, Guangzhou City, China.
Website: www.fii.com.cn Postcode: 510430

QC 检验合格:

5190063

Manufactured by FiiO

Made in China