正面

![FiiO]

Model no.: FK5111
User Guide
(Please read thoroughly before use)

Introduction to FiiO K5-Desktop headphone amplifier

The K5 is a Class AB desktop headphone amplifier, utilizing a low-noise Alps sealed audio potentiometer, and a high efficiency, well regulated, low noise power transformer for exceptional transient response. A rich set of input and output connections and 3 gain settings are available for great versatility; docks with FiiO players / DACs, with USB port to conveniently forward USB signals for decoding, and docking micro USB port to communicate with and charge the player / DAC. High output voltage and current design with low noise and output impedance lets you drive a great variety of headphones / earphones with ease, to enjoy high quality music with total immersion.

Specifications

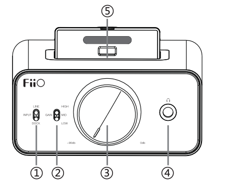
- Output power: ≥1.5W (32Ω Loaded); ≥150mW (300Ω Loaded);
- SNR: ≥110dB (A-weighted) [AUX IN]
- Noise floor: <10uV [AUX IN]
- THD+N: <0.002% [AUX IN]
- Power supply: DC15V / 1.5A
- Dimensions: 20mm x 130mm x 55mm
- Weight: 450g

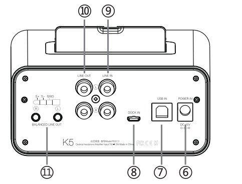
List of items included in package

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

K5	1pc	USB data cable	1pc
AC power adapter	1pc	Power cord	1pc
Rubber feet	4pcs	User guide	1pc
Warranty card	1pc		
3.5mm->1/4" headphone jack adapter	1pc		
Silicone spacer pad (for docking with slimmer FiiO devices)	2pcs		

Controls and ports explained





①Input selection switch:
-Put switch up for amplifying LINE input (connected via one of the LINE IN ports at the back of the K5)
-Put switch down for amplifying signals from the DOCK (FiiO player or DAC must be connected to the dock)

②Gain selection switch:
With 3 positions
-Up at HIGH (12dB): suitable for high impedance or low sensitivity headphones
-MID (6dB): suitable for medium impedance or medium sensitivity headphones
-Down at LOW (0dB): suitable for low impedance or high sensitivity earphones

③Power switch / volume knob / power indicator:
-Turn knob clockwise to power on the K5 and/or increase volume
-Turn knob anti-clockwise to decrease volume and/or turn off the K5
LED light:
Off: K5 powered off
Red: K5 initializing (1 second after turning on)
Blue: K5 working (on)

④Headphone output port:
Suitable for headphones with 1/4" jacks (and those with 3.5mm jacks, via provided adapter)

⑤DOCK:
-Docks with FiiO players and DACs; currently including the FiiO X1, X3 2nd gen, X5 2nd gen, X7 and E17K
-The following functions may be realized by the K5 in conjunction with the above players / DACs:
*Expanding headphone amplification power and quality of FiiO players and DACs via K5
*Connecting FiiO players and DACs via dock<-K5's USB port<-computer for high performance USB DAC function (for FiiO players and DACs with USB DAC function)
*K5 controls power state of connected FiiO player / DAC (turning it on and off in tandem with K5). K5 continues to charge connected device while it's off
*Balanced line out ports enabled only with capable devices connected, currently including the X5 2nd gen and X7
*Extra DOCK IN port at the back for docking with FiiO players / DACs via FiiO's 11-pin micro USB cable (sold separately)

⑥DC power port:
-Please use the provided AC power adapter to connect to AC power
- AC adapter suitable for: AC100~240V, 50/60Hz

⑦USB port:
-For connection of docked FiiO player or DAC to computer

⑧DOCK IN port:
Extra dock port for docking with FiiO players / DACs via FiiO's 11-pin micro USB cable (sold separately)

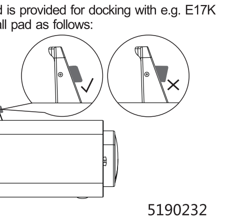
⑨RCA LINE IN: for external audio signal input from other equipment (white: left channel, red: right channel)

⑩RCA LINE OUT: for fixed line level audio signal output to other equipment (volume knob and gain switch has no effect on line out)

⑪Stereo balanced line out: 3-pole balanced output per channel for maximum fidelity and immunity from interference (volume knob and gain switch has no effect on line out).

Precautions

★Troubleshooting
No sound
-Please check that the docked device is a compatible FiiO device(⑤DOCK).
-Check that music is playing normally from the source device.
-Check that the ①input selection switch is set to the currently playing input.
Sound cuts in / out and has static sounds
-Check that the connections are secure and fully inserted.
-Check if it might be a problem with the audio file being played.
★Please adjust volume sensibly for musical enjoyment to avoid damage to hearing and equipment. For safety, please turn down the volume before connecting earphones.
★Please use the provided AC adapter or adapters marked with voltage = DC 15V, current 1.5A or above, and correct polarity as indicated on socket. Any damage occurring as a result of incorrect use of unsuitable 3rd party AC adapters will not be covered by the warranty.
★Please only connect the DOCK IN to compatible FiiO devices, via the dedicated 11-pin micro USB cable sold separately. It is not compatible with any 3rd party USB devices or computers.
★A docked player would perform self-diagnostics during power-up; to avoid generating interference in the K5's output, please keep its volume at minimum until power-up is complete.
★With the X7 connected to the K5, there are small amounts of noise generated by operation of the touchscreen; this goes away as soon as operation ends and is normal.
★Silicone spacer pad is provided for docking with e.g. E17K and X1. Please install pad as follows:



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型号: FK5111
产品使用说明书
（使用前请仔细阅读此说明书）

飞傲K5简介—台式耳放

K5为一AB类台式耳机功率放大器，采用ALPS密封式低噪声电位器，内置高效率、高精度、低噪音的电源转换器，满足大动态信号处理。多方式音频输入输出方式和增益档位选择，DOCK底座和USB IN接口，完美实现USB DAC解码与音频连接，同时也可以对解码器或播放器充电，使用者可以自由选择适合自己的听感方式，高电流的输出形式，能易于驱动各种阻抗的耳机，让您轻松地享受到高品质、高临场感的音乐。

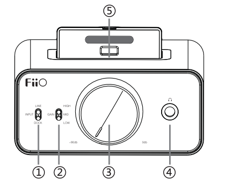
规格与参数

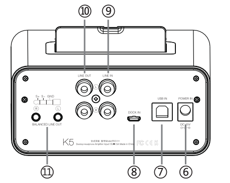
- 输出功率： ≥1.5W (32Ω 负载)； ≥150mW（300Ω 负载）
- 信噪比： ≥110dB（A计权）[AUX IN]
- 底噪： <10uV[AUX IN]
- 失真： <0.002% [AUX IN]
- 供电方式： DC15V/1.5A
- 尺寸： 120mm x 130mm x 55mm
- 重量： 450g

包装内物品清单（请检查是否收到以下物品）

K5主机	1台	USB数据线	1条
电源适配器	1个	电源线	1条
机脚垫	4个	说明书	1本
售后维修卡	1本	耳机转接头	1个
硅胶垫	2块		

机器接口操作说明：





①输入选择开关：
-向上拨是AUX输入(音源需要从机器背后连接LINE IN端口)
-向下拨是DOCK输入(DOCK处需插入播放器或解码器才能正常工作)

②增益选择开关：
-向上调节打开高增益High(12dB)，适合高阻抗或低灵敏度耳机
-中间档位是中增益Mid(6dB)，适合适中阻抗或中灵敏度耳机
-向下调节是低增益Low(0dB)，适合低阻抗或高灵敏度耳机

③电源开关/音量调节/电源指示灯：
- 顺时针旋转打开电源，音量逐渐增加
- 逆时针旋转关闭电源，音量逐渐减小
- 开机：红灯先亮，1秒后转蓝灯
- 工作状态：蓝灯常亮
- 关机：灯灭

④耳机输出接口：
适合6.35mm插头的耳机

⑤DOCK底座接口：
- 配合FiiO解码器或播放器使用的专用接口，目前支持的FiiO机型有X1/X3二代/X5二代/X7和E17K
- DOCK配合解码器或播放器使用时，可以实现如下功能
* K5连接FiiO播放器，实现高性能的耳放功能
* K5通过USB接口与电脑连接，实现高性能的USB DAC功能（详情参考DOCK外接设备是否具备USB DAC功能）
* 在接上DC电源时，控制K5开、关机，解码器或播放器将伴随开、关机。当K5关机时，还能继续为解码器或播放器充电
* 连接X5二代，X7时，才有平衡线路输出功能
* K5顶部的底座和背板DOCK IN接口为复用设计，可通过直插或专用转接线搭配FiiO的X系列播放器；E17K解码器工作。

⑥DC电源接口：
- 请使用包装内原配电源适配器
- 电源适配器适用电压范围：AC100~240V，50(60Hz)

⑦USB接口：
用于DOCK接口上的解码器或播放器与电脑连接

⑧DOCK IN接口：
使用双头Micro 11pin USB线(专用线材需要另外购买），将播放器和K5进行连接，可以实现与顶部DOCK同样的功能

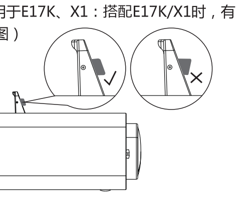
⑨RCA线路输入接口：
左/右声道外部音频信号输入

⑩RCA线路输出接口：
左/右声道输出固定幅度的音频信号,此时K5的音量调节和增益不可用

⑪立体声平衡输出接口：
左/右声道抗干扰能力很强，输出固定幅度的音频信号,此时K5的音量调节和增益不可用

重要事项

★没有声音输出，或者声音有噪声，请检查音乐输出设备和音乐文件是否完好。
★音乐输入及耳机输出接口有可能接触不牢靠,请重新拔插复位。
★请调节适当音量欣赏音乐，以免损伤您的听觉和音响系统，在插入耳机前，请先将音量调小，不要长时间使用耳机。
★务必使用原配电源，或使用标为DC 15V电流1.5A以上的高品质电源适配器，因使用第三方不适合电源，造成的产品损坏，不予保修。
★请不要使用DOCK IN来连接电脑、平板及USB输出功能的设备（DOCK为FiiO的功能扩展端口）
★播放器在开机过程中，会对工作状态进行检测和控制；为了避免给K5带来声音干扰，请保持K5最小音量直至开机完成。
★X7和K5连接时，操作触摸屏会有少许干扰声；干扰声随操作结束而消失，属正常情况，请放心使用。
★配送硅胶垫用于E17K、X1：搭配E17K/X1时，有字面朝内（如图）



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