



Practical Convenient Creative Reliable

2012



# ABOUT



GLOBAL MARKET

## FiiO Electronics Technology CO., LTD.

FiiO is a young brand, full of creative energy. Since our founding in 2007, FiiO has developed into a brand that has gained a significant measure of recognition in many countries and regions around the world. Within the headphone amplifier market, FiiO has quickly become the best known brand with the largest market share as well as the fastest growth. Our focus on high product quality, performance, and value has made FiiO a favorite among consumers.

Due to our accumulation of valuable technical expertise for the past years, FiiO now maintains a highly capable development team, organized under the four cornerstone design principles of "practical, convenient, creative, reliable". We are committed to continuous innovation by performing product designs in-house, towards the goal of delivering more and better value-focused audio products.

FiiO has developed a global sales network covering North America, Europe, Asia and others, totaling over 60 distributors and resellers. Together, FiiO and our sales channel partners work efficiently to deliver high quality FiiO products and convenient support services to customers.

In order to meet fast growing market demand for our products, FiiO has recently moved to a new location with a four fold growth in production capacity. Our new facility is equipped with state of the art equipment for performing R&D, testing, QA, and production, further enhancing our production capacity and quality control.

Looking forward, FiiO will continue to regard the needs of our customers as the guide for company growth and direction. As we constantly strive to improve our capabilities and product quality standards, we aim to become an international brand in the near future.

2012

PRODUCTS CONTENT

01 AMP&DAC ..... 01

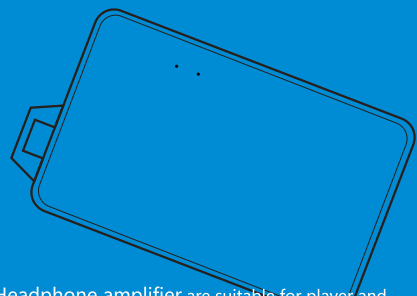
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# 01

## HEADPHONE AMPLIFIER USB DAC



Headphone amplifier are suitable for player and headphone. As it's known to us all that player has many types, such as CD player, walkman, cell phone, computers, etc. According to the impedance, headphone can be sorted into low and high impedance. According to its shape and usage, it can be sorted into earphone and headphone.

Compared with the traditional player and headphone, music fanciers prefer using amplifier between player and headphone so that they can get better sound effects. Naturally, with amplifier, it needs special signal lines to connect headphone and player. FiiO have specially designed the LO cable for the users of iPod, SONY, SANSa to meet their different needs as well as to transmit high-quality music signal.



E11+L9+iPhone

## The function and usage of portable headphone amplifier in the system

Supposed that you have an iPod and a high-quality headphone as well as have FiiO E11 and L9, then, let's see how they connect. First, please insert the DOCK of L9 into the iPod, and the other end of L9 into the "IN" port of the E11, then plug your headphone into the "OUT" port of the E11. Now, open the iPod and E11, you can enjoy the high-quality music in anywhere. But at the same time, please be aware of the sound source as well, because you may hear the noisy and unclear sound if the music file in the iPod is MP3 format which has been greatly compressed, therefore, you have to make sure the music files in your iPod are lossless format music.

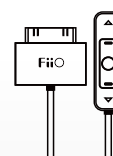
Somebody may feel that it's not very convenient when take them outside. Don't worry, it's too easy, just tie up with the silicon band that included in the package of the E11, now it's portable and enjoyable, right?

Somebody will suspect the function of amplifier, they think that the amplifier just increase the volume, that's wrong. Firstly, amplifier plugs into the lineout connector of player instead of line output connector of headphone, since the audio signal of line output connector bypass the player's own poor amplifier section. In such way, you can get the pure music signal without any distortion. However, this music signal can not be transmit normally to the headphone, it needs a special processing. The music signal needs professional amplifier to drive the headphone. Secondly, the power of player has a tremendous influence on the sound quality, because the player adopts the integrated circuit and the built-in battery supply the power to the display screens and the power chip, and they interfere each other. We can get the stable and reliable output signal as the amplifier built-in the independent power supply and power chip. Thirdly, the question of output power. It's has been designed so small that player has a small size but with long play time, But small output cannot drive the headphone to make high quality sound. After connecting FiiO amplifier, headphone can produce the due effect.

## AMP

>>

E1



E3



E5



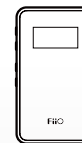
E6



E10



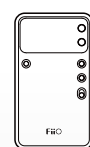
E7



E11

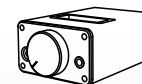


E17



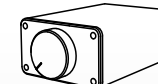
NEW

E9/E9i



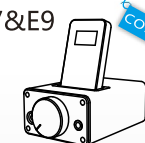
DESKTOP HEADPHONE AMPLIFIER

A1



DIGITAL AMPLIFIER

E7&E9

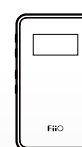


COMBO

## DAC

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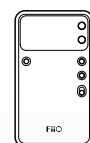
E7



E10



E17

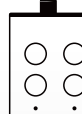


NEW

D3



D5





# E1

## Special for iPod/iPhone Portable Headphone Amplifier

### BRIEF

The **FiiO E1** is a  
designed for using with  
headphone amplifier in  
functions.

headphone amplifier, specifically  
Apple's iPod/iPhone. It is the first  
the world with in-line remote control

### SPECIFICATION

Dimensions:	Line control : 48mmx14mmx10.7mm; AMP dock: 33.8mm x 30.8mm x 7.8mm
Frequency Response	10Hz ~ 80KHz
Suitable Headphone Impedance	16 ohms ~ 300 ohms
Power Supply	Use iPod/iPhone power 3.3V
Output Power	100mW (16 Ω Loaded); 12mW (300 Ω Loaded)
Signal to Noise Ratio	≥98dB (A Weight)
Distortion	<0.009% (10mW)
Length	800mm (Line Exposed)
Weight	20g

### FEATURES

- Designed for iPod/iPhone.
- Improves the sound quality with the line out from the dock.
- Build in high quality Texas Instruments's headphone amplifier intergrated circuit.
- High power output to drive high impedance or low sensitivity headphones or earphones.
- Easy control of the playback of the iPod/iPhone while the player stays securely in your pocket.
- Compatible with iPod Nano, iPod Video, iPod Touch, iPhone, all generations & all versions.
- Easy & simple to use, plug and play.
- Powered by the iPod/iPhone (no charging or battery needed).
- Traditional Apple white style, with a built-in clip, you can clip it onto anything.

# E3

## Really Small Portable Headphone Amplifier

### BRIEF

The **FiiO E3** is designed specially while joining earphone for the multimedia player, as the power amplifier of the earphone, can promote the high-power earphone effectively, play a role in improving tone quality of sound, let you get better effect while listening to the music.



### SPECIFICATION

Output Power	70 mW (32 $\Omega$ Loaded); 12 mW (300 $\Omega$ Loaded)
Signal to Noise Ratio	$\geq 90$ dB (A Weight)
Distortion	$< 0.05\%$ (10 mW)
Frequency Response	10 Hz - 40 kHz
Suitable Headphone Impedance	16 $\Omega$ - 300 $\Omega$
Power Supply	1pcs AAA size battery
Dimensions	55x23x14.5(mm)
Weight	11g(battery not included)

### FEATURES

- Designed for high impedance and low sensitivity headphones, with bass boost function.
- Small and easy to carry and use suitable for indoor use.
- Increase your music player's play time.
- Uses only one AAA battery, for 20 hours playtime.



# E5

## Most Popular Portable Headphone Amplifier

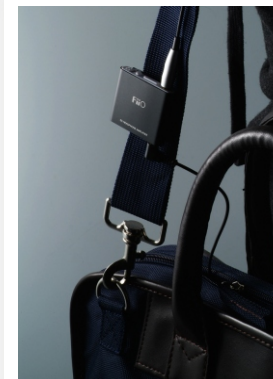
### BRIEF

The FiiO E5 is a Portable Headphone Amplifier, designed to improve the sound quality and volume of any Digital Audio Player such as a MP3 or MP4 Player, Mobile Phone, Laptop, or Notebook.



### SPECIFICATION

Output Power	150mW (16 $\Omega$ Loaded);16mW (300 $\Omega$ Loaded)
Signal to Noise Ratio	$\geq 95$ dB (A weight)
Distortion	< 0.009% (10mW)
Frequency Response	10Hz ~ 100KHz
Suitable Headphone Impedance	16 $\Omega$ ~ 300 $\Omega$
Power Supply	Built-in rechargeable Li-Ion Battery
Recharging	USB 5V DC 400mA
Size	44.2x38x12.6mm
Weight	30g



### FEATURES

- Easy to carry and suitable for indoor use.
- New amplifier IC, with high S/N and low distortion.
- Individual power switch.
- Electronic volume control.
- Two sound effects: Flat and bass boost mode.
- Built-in Rechargeable battery.
- Mini USB charger connector.
- With a built-in metal clip.



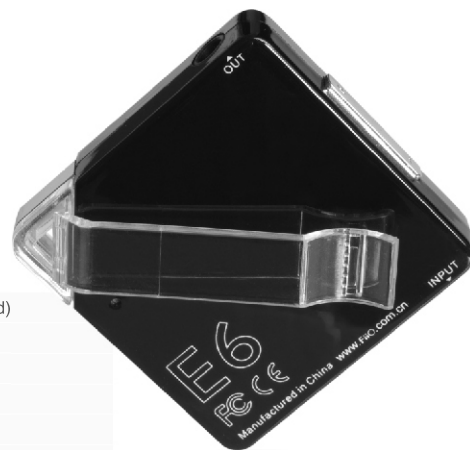
# E6

## More Fashionable Smaller Headphone Amplifier



### BRIEF

E6-Portable headphone amplifier is specially designed for MP3/MP4/mobile phone/computer that can not get best effect of high impedance from the headset due to the low power E6 is the one that will improve the power and sound quality.



### SPECIFICATION

Output power	150mW (16Ω Loaded) ; 16mW (300Ω Loaded)
SNR	≥95dB(A weight)
Distortion	< 0.009%(10mW)
Frequency response	10Hz~100KHz
Headset impedance	16Ω~300Ω
USB power supply port	DC 5V/500mA
Power supply mode	Built-in rechargeable lithium battery.
Size	41mmx40.2mmx9mm
Weight	16g



### FEATURES

- Small size, easy to carry.
- New power amplifier circuit, high SNR, Low distortion.
- Adopt positive and negative power supply, satisfy with large Dynamic Signal Processing.
- Electronic volume control.
- Key lock function.
- Built-in rechargeable lithium battery, normally work above 10 hours (This for reference only).
- Built-in three types of EQ option with different bass effect and a high level option.
- Standard MINI USB connector.
- Removable transparent back splint (lean 45°), to meet different needs.

# E7

## Multifunction Portable USB DAC Headphone Amplifier



### BRIEF

The FiiO E7 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. In addition, E7 is still a portable headphone amplifier, it has two headphone sockets, you can also share your music with others.

### SPECIFICATION

Output Power	150mW (16Ω loads); 16mW (300Ω loads)
Headphone Impedance Range	16 Ω ~ 300 Ω
SNR	≥95dB (A Weighted) on line-in; ≥100dB (A Weighted) on USB-in
Distortion	<0.009% (10mW) [line-in]; <0.008% (10mW) [USB-in].
Frequency Range	10Hz ~ 100KHz
Power Supply	Internal rechargeable Li-ion battery
Recharging	USB DC 5V/ 400mA
Size	96mm x 55mm x 15.5mm
Weight	100g



### FEATURES

- USB audio decoding and output for PC, functioning as a high quality external USB soundcard .
- 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.
- World's first portable headphone amplifier with dual colors OLED display.
- 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.
- User selectable USB charging function from power supply circuit to help prolong battery lifespan and lower distortion.
- Automatic keylock feature.

# E9

## Special Dock for E7 Desktop Headphone Amplifier

### BRIEF

The FiiO E9 is a desktop amplifier, it usually connect computer to use at home, without USB decoding function when it works separately.



Therefore, you will notice the top of E9's base dock. How to use them ,please refer to page 16-17 which introduce it in detail .(E7+E9)



### SPECIFICATION



Output Power	1W (16Ω Loaded);80mW(600Ω loaded)
Headphone Impedance Range	16Ω ~600Ω
SNR	≥100dB(A weight)[LINE IN]
Distortion	<0.003%(100mW)[LINE IN]
Frequency Response	10Hz~100KHz
LINE OUT	2V rms
Predriveout	0-2V rms
Power Supply Mode	DC15V/1.5A
Size	149mm×96mm×56mm
Weight	445g

### FEATURES

- Two channel power output, suitable for both of headphone with 3.5 and 6.35mm.
- Main power amplifier use the TI corporation's, it with 5uVrms noise,low distortion 0.00014% THD + N; high switching rate, 1300V/uS current-feedback model IC:TPA6120.
- With on/off mute function;usingsealed relays for protecting power amplifier output; using ALPS sealed low noise potentiometer.
- Internal audio buffer amplification BB OPA2134: FET input, with advantages of low noise:8nVsqrHz; low distortion 0.00008%THD; high switching rate:20V/uS and so on.
- E7 special base, perfect realization USB connection with audio decoding DAC, also can to E7 charging.
- With LOW ( 10dB ) /HIGH(18dB) gain choice.
- Two audio output: one is the 3.5mm port of E9 (adjustable output); the other one is port of RCA output (fixed/ unadjustable output).
- Built-in power converter module, Its with high efficiency, high precision and low noise to meet the needs of dynamic signal processing.
- LED power indicator light.





# E9i Special Dock for iPod/iPhone Desktop Headphone Amplifier



## BRIEF

The function of E9i are same as E9 mostly , but the only difference is E9i specifically designed for use with Apple's iPod/iPhone.



## SPECIFICATION

Output Power	1W (16Ω Loaded);80mW(600Ω loaded)
Headphone Impedance Range	16Ω ~600Ω
SNR	≥100dB(A weight)[LINE IN]
Distortion	<0.003%(100mW)[LINE IN]
Frequency Response	10Hz~100KHz
LINE OUT	2V rms
Predriveout	0-2V rms
Power Supply Mode	DC15V/1.5A
Size	149mm×96mm×56mm
Weight	445g

- ① Please use the iPod/iPhone's line out audio signal.
- ② Charging for iPod/iPhone.
- ③ When the USB plug into computer ,iPod/iPhone can change data with computer.

E9i&iPhone



## FEATURES

- Dual- channel power output, 3.5 and 6.35 for two headphone plug.
- TI's main power amplifier with a noise 5uVrms; low distortion 0.00014%THD+N; high conversion rate 1300V/uS the current feedback IC: TPA6120.
- With on/off mute function: is sealed relays to do the amplifier output protection; sealed with low-noise ALPS potentiometer.
- Internal audio buffer amplification BB OPA2134: FET input, has advantages: 8nVsqrHz; low distortion 0.00008%THD; high switching rate: 20V/uS and so on.
- APPLE base, achieve iPod, iPhone the line out of output amplifier, charging device, connected to the computer through USB synchronization data exchange.
- With LOW ( 10dB ) /HIGH(18dB) gain selection.
- Two audio output: adjustable via E9i output (3.5mm hole); fixed, not adjustable output (RCA output).
- Built-in power converter of high efficiency, high precision and low noise power converters to meet the high dynamic signal processing.
- LED power indicator Power.
- Headphone into the priority output, plug in your headphones, the external output RCA invalid, 3.5mm invalid.

# E7&E9 USB DAC and Headphone Amplifier Combo

First of all, let's see the different operating environment between E7 and E9



A. E7 is a portable USB DAC amp, convenient to carry for outdoor use, also can connect to the computer as a decoder.

A special interface

It is only used in combination with E9.

B. E9 is a desktop amplifier, it usually connect computer to use at home, without USB decoding function when it works separately.

E7 socket



A+B

When E7 and E9 docked together

1. The E9 will charge for E7, this time "FiiO" colour become red.
2. Use the USB cable to connect E9 and notebook, E7 is responsible for decoding, E9 is responsible for AMP.
3. Turning the E7 off would "remove" it's USB link to the notebook.
4. Adjust the volume using the E9, E7 volume control will not work.



Then, when you want to use E9 at home, as well want to use USB DAC amp, combo E9+E7 should be the best choice.



# E10 USB DAC Headphone Amplifier



## BRIEF

The FiiO E10 is a multifunctional USB decoder . When connected to a computer it works as a high quality external sound card allowing you to enjoy high quality sound via headphones. In addition, it has a coaxial output port and a line out connector.



## SPECIFICATION

Power supply	Standard MINI USB port
Output Power	150mW(32Ω)
Sample rate (USB decoder)	96KHz/24 Bit (Maximum support)
Coaxial output	Stereo PCM
Frequency response	20Hz~20KHz
Suitable Headphone Impedance	16Ω~300Ω
Size	79mm×49.1mm×21mm
Weight	82g



## FEATURES

- Volume potentiometer, Barrier free design, easy to operate. Volume digital indicator, more intuitive.
- Bass boost, OFF:0dB; ON:+3dB , built-in bass boosting circuit ,it's different with traditional software to set the EQ, the effect of E10 will be better.
- USB digital Audio convert to coaxial digital audio output.
- Line output, Fixed level audio line output with full scale.
- Support to install automatically without any driver, maximum output :96K/24Bit.
- All- aluminum shell, enhanced anti-interference ability, thus will be more reliable and durable.



# E11 Professional Portable Headphone Amplifier



## BRIEF

The **FiiO E11** is a high performable and portable headphone amplifier, built-in the high-performance power conditioner and amplifier, can connect with kinds of audio players and mobile phones to deal with amplify the audio signal; Also, to output types of drivable headsets. Thus it plays a role of raising power and improving the sound quality.

## SPECIFICATION

Power Source (Adapter)	DC 5V, 500mA
Frequency Response	10~100KHz
Signal to Noise Ratio	≥98dB(A Weight)
Crosstalk	60dB
Gain	≥12dB(High); ≥6dB(Low)
Total Harmonic Distortion	<0.009%(10mW)
Maximum Output Power	Voltage=High 300mW(16Ω); 200mW(32Ω); 35mW(300Ω) Voltage=Low 120mW(16Ω); 88mW(32Ω); 13mW(300Ω)
Battery charge time	200 minutes (PC USB)
Battery play hours	more than 10 hours
Recommended Headphone Impedance	16~300Ω
Input Impedance	>5KΩ
Size	92.5mm x 54.2mm x 13.4mm
Weight	65g (battery included)



Easy to carry,bind to use.

## FEATURES

- Small size, easy to carry.
- Built-in high-performance lithium battery, standard BL-5B model, convenient to replace.
- High efficiency and low noise power boost, precision separate pressure for dual-supply, satisfy large dynamic signal.
- Heavy current three channels amplified circuit, effective to lower the output impedance.
- Volume control use the closed ALPS potentiometer, ensuring the low noise and good channel balance.
- Three levels bass boost, can meet different needs of the sound.
- Two levels gain option, suitable for using with different phones.
- Two levels working voltage option, meeting different needs of the trends (hidden design).
- Auto-lock protective circuit, will cut off automatically when abnormal cases happened to protect the headset and your hearing.

Use with FiiO L9 and iPhone 4,that is a perfect match.



# E17

## USB DAC Headphone Amplifier



### BRIEF

E17 is kind of high-grade and multi-functional amplifier. It has many excellent functions with small shape and being portable. High performance design of amplifier is to ensure the quality of sound . Multi-input ports design makes it easy to operate .It has many ports such as PC USB or S/PDIF digital single or AUX analog signal input. With OLED screen ,the interface of E17 is so intuitive and key operation is comfortable.



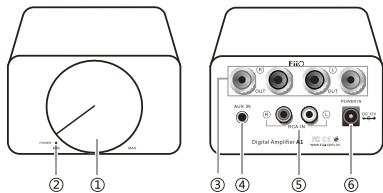
### FEATURES

- Multi-input functions make it possible for changing input port. You can choose USB DAC, AUX IN, S/PDIF IN.
- Maximum sample rate of S/PDIF in is 192K/24bit, maximum sample rate of DAC USB is 96K/24bit.
- It supports DOCK extended function which is helpful to firmware upgrading, audio single transmission, USB data transmission and charging.
- Intelligent electronic volume control. you can adjust the different step value to get the suitable volume you need in fast way.
- Built-in high performance amplifier, with protective circuit in case any damage.
- OLED displayer can display all kinds of working conditions and make it more intuitively to choose the setting .
- Built-in rechargeable lithium polymer battery.
- L/R channel balance feature to help user with unbalance listening problem.
- Bass and treble adjustable.

# A1 Desktop Digital Amplifier

## BRIEF

- 1 Volume potentiometer control with power switch
- 2 Power light
- 3 R/L channel output
- 4 Standard 3.5mm AUX audio input
- 5 RCA stereo audio input
- 6 Built-out power input 12V



## SPECIFICATION

Output Power	14W*2
Load Impedance	4~8Ω
SNR	≥86dB( A Weight)
Distortion	0.06% ( 1W )
Frequency Response	10Hz-25KHz
Power Supply	DC 12V/3.5A
Size	166mm×96mm×56mm
Weight	481g

## FEATURES

- Adopt two forms of circuit: preamp and power amplifier.
- Adopt TI company's high performance audio operational amplifier OPA2134 signal process as preamp; With low noise, low distortion and high conversion rate.
- Adopt NXP high efficiency Class D amplifier TFA9815T as power amplifier; BTL output to make low voltage and large current.
- Designed with two sound channels with different carrier (550KHz / 600KHz), realize hi-fi conversion and at the same time avoid mutual interference.
- "0" dead zone design and its perfect protection function: overheating, over-current, over-voltage, undervoltage, with own detection protection when boot up.
- Differential input level and combined with adjustable negative feedback circuit, ensure low noise and low interference and low distortion
- On/off mute function
- Use closed APLS potentiometer, ensure low noise and good channel balance
- RCA and 3.5mm two audio input, for convenient to connect.  
(3.5mm audio input in the first priority, the RCA will be off when insert the audio input.)
- Minimum output 4 ohm adaptive impedance.
- Combined with Banana plug/terminal output interface, convenient to connect with speakers.



# D3 Coaxial/Optical to Analog Audio Convertor

## BRIEF

The FiiO D3 is a digital audio to analog convertor, which can transfer digital audio (optical/coaxial) to two channels analog audio and amplify the output (but using directly on headphone is not recommended), It's just suitable for using together with the devices which has coaxial optical digital signal output, such as digital television, CD/DVD/Blue-ray player, etc.



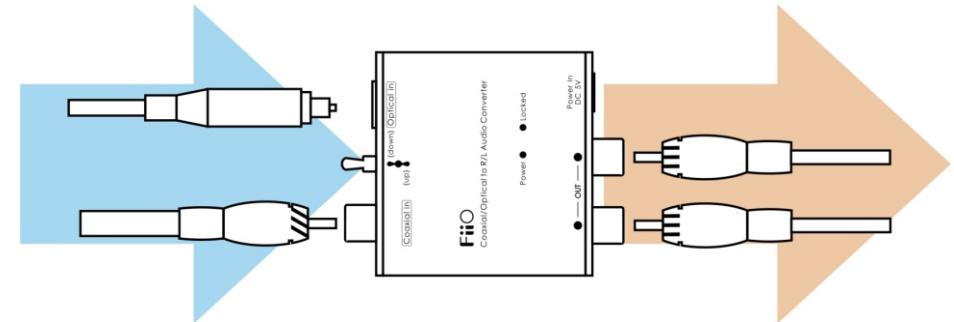
## SPECIFICATION

Power Supply	USB DC 5V
Output Amplitude	1.6V (0dbFS)
Frequency Response	20Hz~20KHz
Signal to Noise Ratio	≥90dB
Crosstalk	75dB
Total Harmonic Distortion	<0.01%(10mW)
Size	61.6mm×49.1mm×21mm
Weight	50g



## FEATURES

- Built-in high-performance phase locked loop (PLL), with extra-low JITTER digital receiver chip WM8805.
- Maximum support 192KHz/24bit audio signal.
- Optical/coaxial optional input function.
- 2 channels standard RCA output port.
- Indication for digital receiving status (LOCKED).
- MINI USB power supply port.





# D5

## Coaxial/USB Decoder D5



### BRIEF

The FiiO D5 is a multifunction USB audio interface. When connected to a computer, it works both as a high quality external sound card and a dual microphone input interface. Therefore it is ideal for enjoyment of high fidelity audio playback, making voice recordings, and usage with network voice applications.

### SPECIFICATION

Power supply	Standard USB port
Output Power	70mW(32Ω)
Sample rate ( USB decode )	48K/44.1K 16 Bit
Coaxial output	Stereo PCM
Frequency response	20Hz~20KHz
SNR	≥95dB ( MUTE )
Suitable Headphone Impedance	16 Ω ~ 300 Ω
Crosstalk	≥65dB
Total harmonic distortion	≥70dB(-3dBr)
Size	61.6mm×49.1mm×21mm
Weight	55g



### FEATURES

- USB interface provides dual direction audio input and output.
- USB powered with no need for external power supply; safe and convenient.
- Electronic volume control with mute function.
- High performance headphone amplification.
- Dual microphone inputs.
- Microphone mute function.
- Stereo LINE OUT output for connection with amplifier or active speakers.
- Automatically mute LINE OUT when headphones are connected.
- RCA coaxial output for convenient connection to external DAC for better sound quality.
- LED indicator lights for microphone mute and device status.

# 02

## LO DOCK CABLE DOCK KIT Earphone Re-cable

In the HiFi equipment system, cable plays important roles. Some people think that cable is very helpful for improving the overall result, but somebody think that cable is unnecessary. Now, let's talk about the function of the cable.

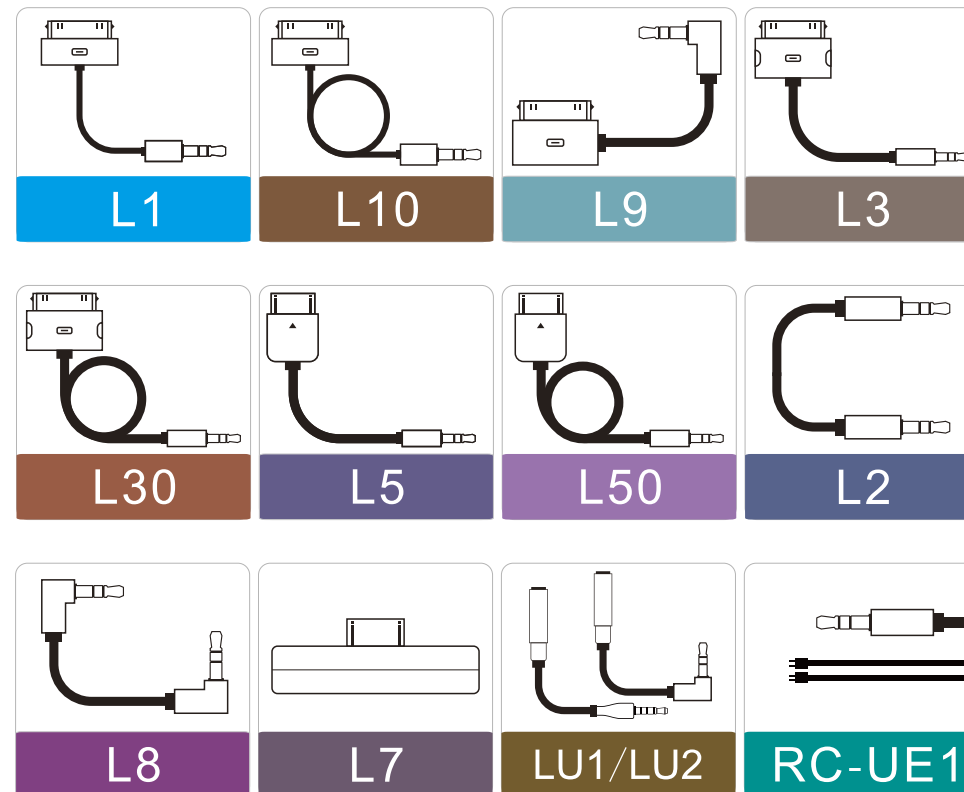
### Cable function in the HiFi system

First, let's look at how cable work in the audio system. Take the human body as an example, every part in the audio system is just as the organ, the cable just like the vessels and nerves that connect all the parts in the organ, though the organ work normally but it can not be considered to be healthy as the vessels and nerves were blocked, or it appear nervous disorder. For the audio system, it's the same reason.

Using the cable is to ensure the audio system work normally, as the cable with high transmission and low distortion. But it's not mean that the more expensive cable the more effective result you'll get. It's very important to have a perfect matching for the system, thus you can get the ideal sound result. For this, FiiO developed "L" series to make the perfect matching between the portable audio device, and its' pricing and performance is ideal and worth owning.

>> iPhone+L9+E11 is  
your best choice in outdoors

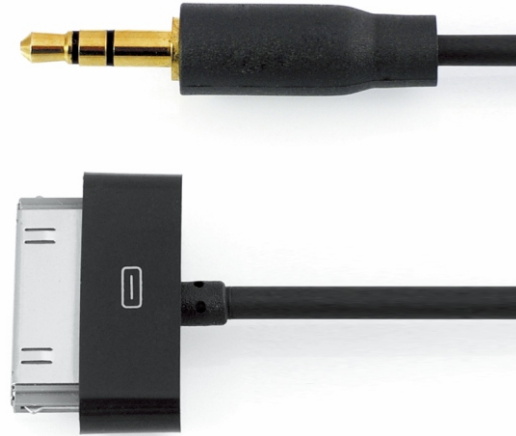
## PRODUCT DIAGRAM



02

Lineout Dock Cable **L1****Really Small**  
Portable to use

- >> Provides isolation from electromagnetic and radio frequency interference with shielded construction.
- >> Delivers better audio clarity and a more natural-sounding midrange with purity, balanced, copper conductors.
- >> Creates precise contact and increased durability with a high quality connectors.



Dock for iPod/iPhone

## Specification

Weight: 8g  
Diameter of Wire: 3mm  
Length of wire : 10cm(only cable)

Impedance of Wire: max. 0.5Ω  
Insulation Resistance: min. 2 MΩ

Model of Wire: AWG-18  
Materials of Wire: OFC  
Sheath of Wire: PVC  
Insulator: PVC

The World's smallest LO cable, specifically designed for users of iPod and iPhone to connect with amplifier .



02

Lineout Dock cable **L10****Special Design**  
For iPod/iPhone

- > L10, specially designed for the user with iPod /iPhone using on the car, mainly use to connect the iPod/iPhone with AUX IN connector in the car , it is convenient to use with slim and soft L10 whose length is 50cm and play the audio file in the iPod/iPhone via the car audio



3.5mm stereo plug

## Specification

Weight: 10g  
Diameter of Wire: 3mm  
Length of wire : 50cm(only cable)

Impedance of Wire: max. 0.5Ω  
Insulation Resistance: min. 2 MΩ

Model of Wire: AWG-18  
Materials of Wire: OFC  
Sheath of Wire: PVC  
Insulator: PVC

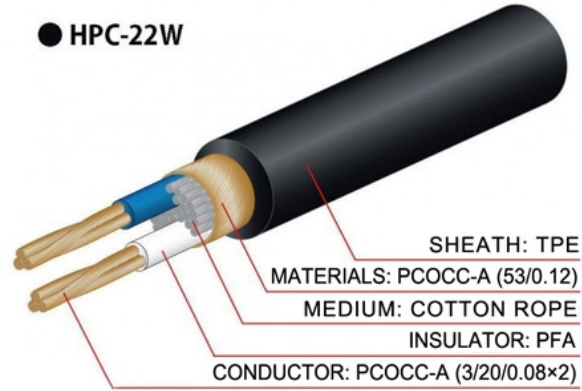




## HPC-22W

From OYAIDE Japan

● HPC-22W



\*HPC-22W: For the cable of HPC-series, we employed the newly-produced HPC-22W cable which has the ultrafine PCOCC-A conductors (80μ for a unit) for its high transmission property and usability. Rather than twisting whole wires, twenty of 0.08mm wires are unified in a unit and the three units are grouped as a conductor which is geometrically-stable. Herewith, it insures uniformity of wire structure, infilling of internal space and preventing deformation among the wires. Furthermore, its diameter is 0.3sq (AWG22) which is three times bigger than a regular cable. It provides you sharp attack and hi-speed response of the sound. For the insulator of HPC-22W, 0.18mm thick PFA (Teflon) is employed for its outstanding electric characteristic and lossless transmitting capability.

\*PCOCC-A: PCOCC copper is a material that includes very few impurities and insures very low levels of signal disturbance. Because of its low incidence of grain boundaries, the signal passes without impediment or distortion. Heating and cooling the PCOCC wire under controlled circumstances yields a densely re-crystallized, highly pure structure called a μ conductor. The resulting product with a mirror finish applied is called PCOCC-A copper. This highly advanced product is made possible by the combined application of high technology and traditional Japanese craftsmanship.

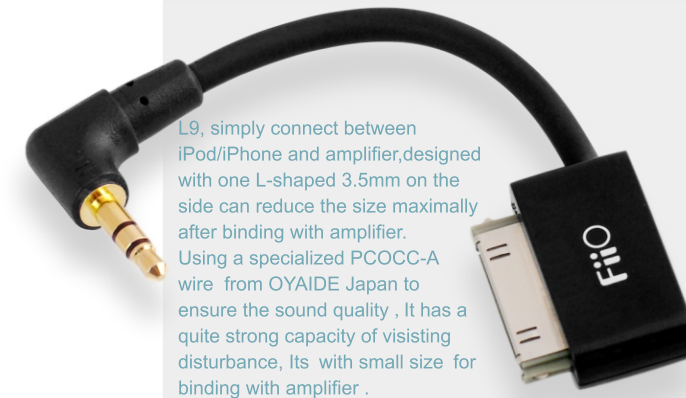
## Lineout Dock Cable L9

### Special Design For iPod/iPhone

>> Designed with a dock connector, insert iPod/iPhone and lineout to 3.5 stereo plug. Used to connect portable audio equipment, such as power amplifier, headphone amplifier. High-quality materials made in OYAIDE Japan, L9 by the use of a new way to save space, easy to carry.



3.5mm stereo plug "L"



#### Specification

Weight: 8g  
 Diameter of Wire: 4mm  
 Length of wire : 5.5cm (only cable)

Impedance of Wire: max. 0.1Ω  
 Insulation Resistance: min. 2 MΩ

Model of Wire: HPC-22W\*  
 Materials of Wire: PCOCC-A  
 Sheath of Wire: TPE  
 Insulator: TPE

\*Please refer to page 34, material introduced

02

Stereo Plug Cable **L3****Special Design**  
For iPod/iPhone

>> Designed with one 3.5mm to Apple's dock connectors, Allow you to connect portable audio equipment, such as power amplifier, headphone amplifiers, to the line out of the iPod/iPhone/iPad. Designed with high-quality materials, L3 isolate your signal from interference to deliver cleaner, more accurate sound from iPod/iPhone/iPad.



L3 ,specifically designed for the use with iPod/iPhone , high quality cable as well as FiiO best selling cable . Using a specialized PCOCC-A wire from OYAIDE Japan to ensure the sound quality , It has a quite strong capacity of resisting disturbance, Its with small size for binding with amplifier .

**Specification**

Weight: 10g  
Diameter of Wire: 4mm  
Length of wire : 8cm(only cable)

Impedance of Wire: max.0.1Ω  
Insulation Resistance: min. 2 MΩ

Model of Wire: HPC-22W\*  
Materials of Wire: PCOCC-A  
Sheath of Wire: TPE  
Insulator: TPE

\*Please refer to the page 34, material introduced



3.5mm stereo plug

02

Stereo Plug Cable **L30****Special Design**  
For iPod/iPhone

>> Designed with one 3.5mm to Apple's dock connectors, Allow you to connect portable audio equipment, such as power amplifier, headphone amplifiers, to the line out of the iPod/iPhone/iPad. Designed with high-quality materials, L30 isolate your signal from interference to deliver cleaner, more accurate sound from iPod/iPhone/iPad.



<For iPad

L30, designed for is convenient to use using a specialized come from OYAIDE the sound quality strong capacity of

the iPod, the long wire on the table-board , PCOCC-A wire which made in Japan to ensure perfectly ,have a quite resisting disturbance .

**Specification**

Weight: 28g  
Diameter of Wire: 4mm  
Length of wire : 100cm(only cable)

Impedance of Wire: max.0.17Ω  
Insulation Resistance: min. 2 MΩ

Model of Wire: HPC-22W\*  
Materials of Wire: PCOCC-A  
Sheath of Wire: TPE  
Insulator: TPE

\*Please refer to page 34, material introduced

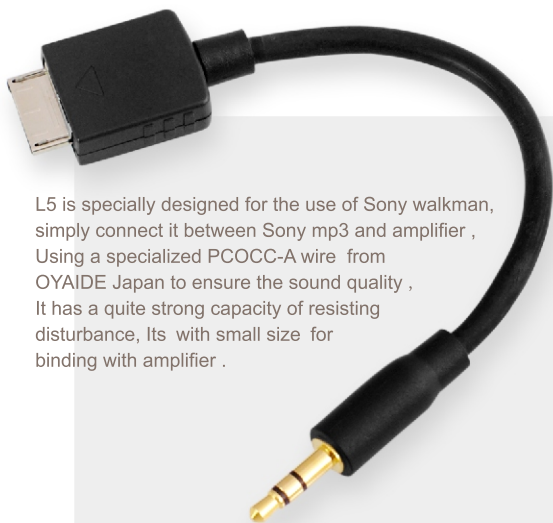


3.5mm stereo plug

02

Stereo Plug Cable **L5****Special Plug**  
For SONY walkman

>> Designed with one 3.5mm to SONY's dock connectors, Allow you to connect portable audio equipment, such as power amplifier, headphone amplifiers, to the line out of the SONY walkman. Designed with high-quality materials, L5 isolate your signal from interference to deliver cleaner, more accurate sound from walkman.



L5 is specially designed for the use of Sony walkman, simply connect it between Sony mp3 and amplifier , Using a specialized PCOCC-A wire from OYAIDE Japan to ensure the sound quality , It has a quite strong capacity of resisting disturbance, Its with small size for binding with amplifier .

**Specification**

Weight: 10g  
Diameter of Wire: 4mm  
Length of wire : 8cm(only cable)

Impedance of Wire: max.0.1Ω  
Insulation Resistance: min. 2 MΩ

Model of Wire: HPC-22W\*  
Materials of Wire: PCOCC-A  
Sheath of Wire: TPE  
Insulator: TPE

\*Please refer to page 34, material introduced

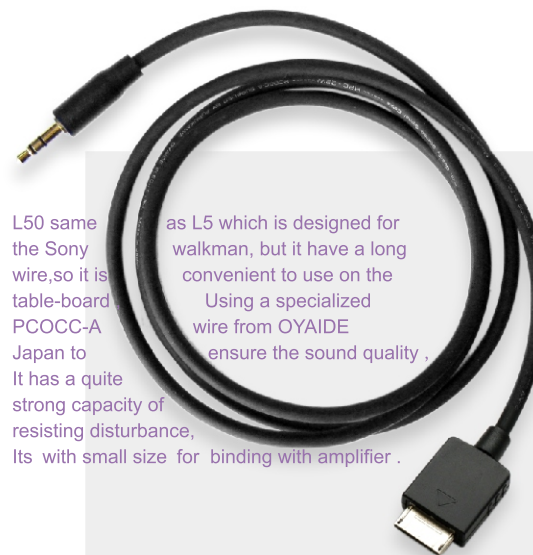


3.5mm stereo plug

02

Stereo Plug Cable **L50****Special Plug**  
For SONY walkman

>> Designed with one 3.5mm to SONY's dock connectors, Allow you to connect portable audio equipment, such as power amplifier, headphone amplifiers, to the line out of the SONY walkman. Designed with high-quality materials, L50 isolate your signal from interference to deliver cleaner, more accurate sound from walkman.



L50 same as L5 which is designed for the Sony walkman, but it has a long wire, so it is convenient to use on the table-board. Using a specialized PCOCC-A wire from OYAIDE Japan to ensure the sound quality , It has a quite strong capacity of resisting disturbance, Its with small size for binding with amplifier .

**Specification**

Weight: 28g  
Diameter of Wire: 4mm  
Length of wire : 100cm(only cable)

Impedance of Wire: max.0.17Ω  
Insulation Resistance: min. 2 MΩ

Model of Wire: HPC-22W\*  
Materials of Wire: PCOCC-A  
Sheath of Wire: TPE  
Insulator: TPE

\*Please refer to page 34, material introduced

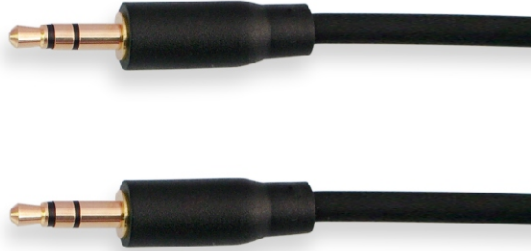


3.5mm stereo plug

02

Stereo Audio Cable **L2****Special Use**  
For Lineout

>> Designed with two 3.5mm to 3.5mm, Allow you to connect portable audio equipment, such as power amplifier, headphone amplifiers, to any device with 3.5mm audio output. Designed with high-quality materials, L2 isolate your signal from interference to deliver cleaner, more accurate sound.



3.5mm~3.5mm stereo



Simply connect FiiO L2 between your player and headphone amplifier which will save more space , It is not so burdensome as linking the player to amplifier.

**Specification**

Weight: 10g  
Diameter of Wire: 4mm  
Length of wire : 10cm(only cable)

Impedance of Wire: max. 0.1Ω  
Insulation Resistance: min. 2 MΩ

Model of Wire: HPC-22W\*  
Materials of Wire: PCOCC-A  
Sheath of Wire: TPE  
Insulator: TPE

\*Please refer to page 34, material introduced

02

Stereo Audio Cable **L8****Special Use**  
For Lineout

>> Designed with two 3.5mm "L", Allow you to connect portable audio equipment, such as power amplifier, headphone amplifiers, to any device with 3.5mm audio output. Designed with high-quality materials, L8 isolate your signal from interference to deliver cleaner, more accurate sound.



two 3.5mm stereo "L"



The functions of L8 is the same as L2, and it is a stereo signal line to connect player and amplifier ,smallest body ,two"L" plugs ,convenient to bind and save space , Using a specialized PCOCC-A wire from OYAIDE Japan to ensure the sound quality , It has a quite strong capacity of resisting disturbance, Its with small size for binding with amplifier .

**Specification**

Weight: 10g  
Diameter of Wire: 4mm  
Length of wire : 7cm(only cable)

Impedance of Wire: max. 0.1Ω  
Insulation Resistance: min. 2 MΩ

Model of Wire: HPC-22W\*  
Materials of Wire: PCOCC-A  
Sheath of Wire: TPE  
Insulator: TPE

\*Please refer to page 34, material introduced



02

Stereo Dock Cable **L7****Special Dock**  
Kit for E7

>> L7 Must be used together with E7. Insert the E7's necessary USB cable in the L7 mini USB interface, line out through 3.5 interface to other amplifier. At this point, E7 only as a separate USB DAC.



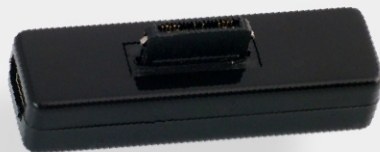
Specially designed LO DOCK kit for FiiO E7, it should be used with E7 that can make E7 as an independent USB decoder, and line out from the 3.5mm stereo connector.



miniUSB &amp; 3.5mm stereo dock

## Specification

Weight: 5g  
Size: 44mm×13mm×10mm  
Interface: mini USB, 3.5 stereo



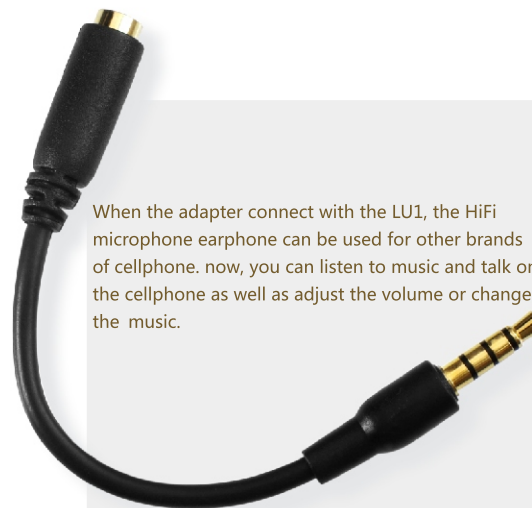
02

Smart Adaptor Cable **LU1/LU2****FOR**  
**Microphone Earphone**  
Can use for more cellphones

>> Some famous HiFi headphone brands designed many MIC earphone specifically for iPhone/iPod, if you want to use the same earphone connecting different brand of cellphone, Such as Nokia, a Smart Adaptor Cable is necessary, and we can enjoy same MIC earphone function with different brand cellphone such as NOKIA, HTC, MOTO, SAMSUNG, LG.



3.5mm stereo plug



## Specification

Weight: 5g  
Diameter of Wire: 3mm  
Length of wire: 55mm (only cable)

Impedance of Wire: max. 0.5Ω  
Insulation Resistance: min. 2 MΩ

Sheath of Wire: PVC  
Insulator: PVC

02

Earphone Re-cable **RC-UE1****Special Pin**

For ULTIMATE EARS

>> RC-UE1 is a kind of cable which is designed for upgrading the earphones like TF10, UE5EB, UE5pro, etc. The wire is made by OYAIDE (Japan), use high-purity OCC material and has been processed through low temperature annealing, so the wire looks thick and big, but it's soft and durable.

Sound effect:

Compared with wire of the original package earphone, RC-UE1 is with extremely resolving, powerful low frequency and beautiful sounds.



3.5mm stereo plug



\*Picture for reference only, earphone is not FiiO product.

**Specification**

Impedance: 0.06Ω  
 Material: PC-OCC  
 Length: 150cm  
 Plug: 3.5 stereo with gold plate  
 It can apply for many kinds of earphone:  
 such as UE 5pro, UE TF10, UE 5EB etc.

FiiO website.

>> [www.fiiio.com.cn](http://www.fiiio.com.cn)

Where to buy?

>> [www.fiiio.com.cn/where/](http://www.fiiio.com.cn/where/)

Contact us.



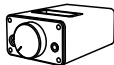

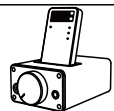
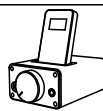





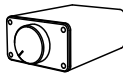











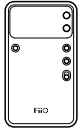
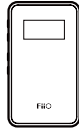
>> [market@fiiio.com.cn](mailto:market@fiiio.com.cn)

>> SPECIFICATION

(Part of FiiO products)

AMP		E1	E3	E5	E6	E7	E9	E10	E11	A1
Output Power		100mW (16Ω Loaded) 12mW (300Ω Loaded)	70mW (32Ω Loaded) 12mW (300Ω Loaded)	150mW (16Ω Loaded) 16mW (300Ω Loaded)	150mW (16Ω Loaded) 16mW (300Ω Loaded)	150mW(16Ω Loaded) 16mW(300Ω Loaded)	1W (16Ω Loaded) 80mW (600Ω Loaded)	150mW (32Ω )	Voltage=High 300mW(16Ω); 200mW(32Ω); 35mW(300Ω) Voltage=Low 120mW(16Ω); 88mW(32Ω); 13mW(300Ω)	14W*2
Distortion		<0.009%	<0.05%	<0.009%	<0.009%	<0.009%	<0.003%	<0.007%	<0.009%	<0.06% (1W)
SNR		≥98dB (A Weight)	≥90dB(A Weight)	≥95dB(A Weight)	≥95dB(A Weight)	≥95dB(A Weight)	≥100dB(A Weight)	≥90dB(A Weight)	≥98dB(A Weight)	≥86dB(A Weight)
Battery	Built-in	X	X	√	√	√	X	X	√	X
	Rechargeable	X	X	√	√	√	X	X	√	X
	Replace	X	X	X	X	X	X	X	√	X
USB environment	Portable (Carry-on)	√	√	√	√	√	X	X	√	X
	Desktop (With PC)	X	X	X	X	X	√	√	X	√
Dimensions(LxWxT)		Line control: 48x14x10.7(mm) AMP dock:33.8x30.8x7.8(mm)	55x23x14.5(mm)	44.2x38x12.6(mm)	41x40.2x9(mm)	96X55X15.5(mm)	149x96x56(mm)	79x49.1x21(mm)	92.5x54.2x13.4(mm)	166x96X56(mm)
Weight		20g	11g(Battery not included)	30g	16g	100g	445g	82g	65g(Battery included)	481g

Find the best FiO Product for you.

Where will you enjoy the music	Music fans >>		HI-FI	MID-FI	ENTRY LEVEL
Indoor use (At home) 	What kind of audio device you will use.	 iPod/iPhone or other Music Player only	E9, E9i 		
		 Computer/ Notebook	E17+E9 	E7+E9  E10 	D5 
		 TV, PS3, XBOX, Blu-ray DVD			D3 
		 With Speakers		A1 	
Portable use (On the go) 	Select one by the feature.	 The most portable one			E3 
		 Designed for iPod/iPhone			E1 
		 With clip		E6 	
		 Best sound quality	E11 		
Indoor, Portable  	Could be used at home as well as on the go. At home: as a DAC+AMP On the go: as an AMP		E17 	E7 	



[www.fiio.com.cn](http://www.fiio.com.cn)

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