Fosi Audio

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Fosi Audio

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Fosi Audio DAC K3 User's Guide

Product specifications:

DAC K3 is a compact audio decoder. It is an all-in-one device with Type-C, USB input, supporting both RCA, AUX analog outputs and optical, coaxial dual digital outputs. Adopt the XMOS XU208 USB decoder chip, supports 24Bit/384kHz sampling rate and DSD256 hardware decoding to achieve high fidelity quality sound, brings you live-like sound quality.

Input interface:
Type-C, USB

Output interfaces:
RCA, AUX, Optical, Coaxial

Volume adjustment mode: High precision volume knob

USB decode chipset:
XMOS XU208

D/A conversion chip:
ES9038Q2M

Op amp:
OPA1602 (replaceable)

USB input:
24Bit/384kHz

Optical, coaxial output:
24Bit/192kHz + DSD64 DOP

DSD hardware decoding:
DSD256

Frequency response:
16-20k Hz

S/N ratio:
129dB

Headphone output impedance:
16ohm-300ohm

Headphone amplifier thrust:
16ohm/275mW   64ohm/69mW

Headphone mode:
op amp + transistor

Product size:
105x112x34mm   4.12x4.41x1.34in (including knob, etc.)

Product weight:
265g

Product overview & control functions:

3.5mm Headphone Output
OLED Display
Volume Control & Power Switch

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Type-C Input
USB Input
OPT Output
COA Output
RCA Output
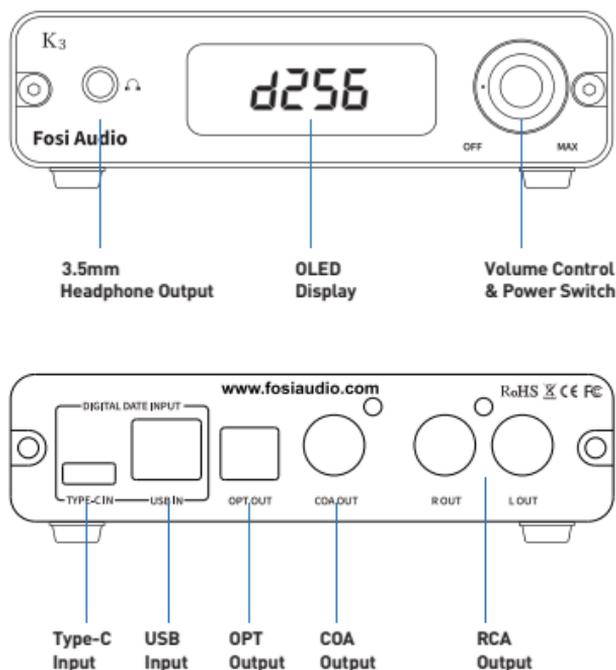
Note: 1. K3 Type-C and USB inputs are directly connect to the audio source, they can't be connected to power adapter.
2. The Type C and the USB input can't be used at the same time;
3. The Type-C support OTG input, but can't support some OTG devices because they can't provide enough electricity to power K3. (When the cable connected, the K3 can't power on)

Package contents:

Fosi Audio K3 ×1   **PC-USB cable ×1**   **User manual ×1**

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Quick setup

Plug-and-Play Mode (Windows 10 for example)

How to use?

Step 1: Connect the computer to the K3 and power up.

Step 2: Click the sound icon 🔊 , select playback device: "Trasam HiFi USB Audio", and then please enjoy yourself!

Also, right-click the sound icon 🔊 , Open Volume Mixer, click on the icon 🔊 of the device – "Trasam HiFi USB Audio" to open the properties, click the Advanced, select 24Bit, 384000Hz for maximum sound quality output.

Foobar2000 DSD Playback Mode (Windows 10 for example)

How to playing DSD file?

Preparation:
Download the Fosi Audio K3 DSD Configuration Kit

https://drive.google.com/file/d/14BYh_Mbhaa2uWm3krDqjR ouhAnWbCHzd/view LINK🔗

Tip: You can log in to Google Cloud Drive to view video of the installation and configuration.

Step 1: Install the USB Audio Driver (Default path installation)
Step 2: Install ASIOProxyInstall-0.9.4 (Default path installation)
Step 3: Install Foobar2000 1.61 (Default path installation)

Step 4: Copy the Foobar2000 DSD Playback plugin:
"ASIOhost32.exe", "ASIOhost64.exe",
"foo_input_sacd.dll", "foo_out_asio.dll"
Open the Foobar2000 file path:
C:\Program Files (x86)\foobar2000\components
Paste the plugin into this directory

Step 5: Configuring Foobar2000
Open Foobar2000, click on File→Preferences→Tools
→SCAD, and select Output Mode as DSD
Click Playback→Output→ASIO, double-click ASIO drivers:
"foo_dsd_asio", select "Trasam USB Audio Device" and
close the window
Click Playback→Output, select the output device: "ASIO:
foo_dsd_asio" and then Apply
Add a music and then enjoy the sound.

How to playing DSD file?
Scan the QR code and download
the Fosi Audio K3 DSD Configuration
Kit and Installation Video.

Q&A

1. I can't play Spotify music in Plug and Play mode?

Please exit the Spotify app and switch the playback device to the computer's own sound card device, open Spotify and play, confirm that it works and then switch the playback device to DAC K3 "Trasam HiFi USB Audio".

2. I can' t play DSD files on the Foobar2000 app?

Please completely uninstall Foobar2000 including the plugins and follow the steps in the video exactly to install the program and configure it.
If this does not solve the problem, please contact the after-sales email.

3. Get noise when playing music?

- Please replace to the other USB port of your computer and check again. Recommended connection of USB 3.0 port.
- Please keep this device away from other electronic devices.
- Try using different playback software and song detection.

4. The device turns on but the computer does not recognize it?

- Make sure to use the USB cable supplied with the product.
- Make sure that the Type C and USB ports are not connected at the same time.
- OTG cable only supports one-way data transmission, try the other end for input.
- Please update your computer system to the latest version and reboot your device and computer.

5. K3 can't power on when connect the OTG cable to my phone?

- Please make sure that your phone is fully charged.
- Some OTG devices can't provide enough electricity to power K3, so please change other devices to have a try.
- Please make sure that the Type C and the USB port on the back of K3 can't be connected at same time.
- You can't connect the Type C port to the power adapter/supply, it's designed for connecting the audio source.

Note: If you encounter any problems during use, please contact the after-sales email.

Warranty Information

All Fosi Audio products have an 18-month limited warranty on parts and labor from the date of purchase. Please contact us if you have any problems.

About Fosi Audio

Fosi Audio designs and builds innovative audio products with all your music in mind. Great sound, simple but elegant designs, high-quality materials, and truly useful features are what Fosi Audio is about. We sincerely hope you get as much enjoyment from our products as we've had to create them!

Our website: www.fosiaudio.com
Amazon store: www.amazon.com/fosiaudio
Our Youtube channel: Fosi Audio
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