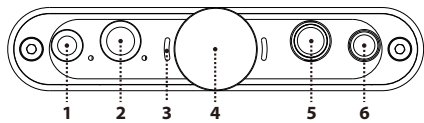


ifi hip dac2



1. PowerMatch (on/off)

PowerMatch enables hip dac2 to match headphones' impedance and sensitivity in order to generate their highest operational efficiency.

Tip: For in-ear-monitors (earbuds) try PowerMatch off. For headphones try PowerMatch on.

2. XBass (on/off)

Many headphones lack the correct bass response. XBass is an analogue circuit designed to 'add back' the lost bass response for a more accurate reproduction of the original music.

3. Audio Format LED (kHz)

The LED colour scheme indicates the audio format and sampling frequency received by hip dac2 from the music source.

| LED | Mode |
|---------|------------------------------------|
| Yellow | PCM 44.1/48kHz |
| White | PCM 88.2/96/176.4/192/352.8/384kHz |
| Cyan | DSD 64/128 |
| Red | DSD 256 |
| Green | MQA |
| Blue | MQA Studio |
| Magenta | Original Sample Rate* |
| *MQB | |

Warning: Installing GTO enabled firmware may result in the LED's on this device no longer changing in accordance with the above table

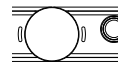
4. ON/OFF and Analogue Volume Control

The analogue volume control in hip dac2 is superior to any digital volume control.

Warning: Due to the high power of hip dac2, always start off at a low volume level so that there is no risk of damage to your headphones and your hearing. iFi audio is not responsible for any hearing or equipment damage from misuse.

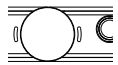
Power ON.

Step 1 ON



Power OFF.

Step 2 OFF



Tip: hip dac2 will continue to use battery power even if the USB cable is connected afterwards.

Tip: For connection to Apple devices, Apple Lightning to USB Camera Adapter is required. For connection to Android devices, USB On-The-Go (OTG) cable and appropriate OS support are required.

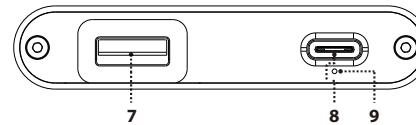
For more information, please refer to www.ifi-audio.com

5. Balanced 4.4mm headphone output

Connect balanced 4.4mm headphones.

6. S-Balanced 3.5mm headphone output

Connect 3.5mm headphones.



7. USB3.0 'Type A' data input port

Connect your phone to hip dac2 with Lightning to USB Camera Adapter (Apple) or USB On-The-Go (OTG) cable (Android). When using other audio sources connect with a USB cable.

Tip: It is preferable to use a USB 3.0 port over using a USB 2.0 port on the PC.

8. USB-C (5V) battery charge input

For charging only. It will take ~3 hours for a high-powered USB charger to fully charge hip dac2. Use the enclosed USB 'Type A' to 'Type C' cable, smart charger or a regular charger up to 6.3V.

9. LED for Battery Status

| LED | Status |
|----------------|--------|
| White* | > 75% |
| Green* | > 25% |
| Red* | > 10% |
| Red (flashing) | ≤ 10% |

*Battery LED will flash when it is charging

Note: For use with PC it is necessary to download drivers.

Tip: For all latest firmware updates please refer to our website here: www.ifiaudio.com/downloads/

Specifications

| | |
|---------------------------|---|
| Digital Input: | USB 3.0 type 'A' (USB2.0 compatible) |
| Formats supported: | DSD 256/128/64, Quad/Double/Single-Speed DSD |
| DSD | 384/352.8/192/176.4/96/88.2/48/44.1kHz |
| PCM | 384/352.8kHz |
| DXD | 384/352.8kHz |
| MQA | 384/352.8kHz |
| DAC: | Bit-Perfect DSD & DXD DAC by Burr Brown |
| Headphone Outputs: | |
| Balanced | 4.4mm |
| S-Balanced(S-E) | 3.5mm |
| Power Output: | |
| Balanced | 400mW @ 32Ω; 6.3V @ 600Ω |
| S-Balanced(S-E) | 280mW @ 32Ω; 3.2V @ 600Ω |
| Battery: | Lithium-polymer 2200mAh approx. 8 hours |
| Power System: | Charging via USB-C, BC.V1.2 compliant up to 1000mA charging current |
| Power (max): | <2W idle, 4W max |
| Dimensions: | 102 x 70 x 14 mm 4.0" x 2.8" x 0.6" |
| Weight: | 125 g (0.28 lbs) |
| Warranty period: | 12 months |

Specifications are subject to change without notice.