iFi
hip dac 3

1 2 3 4 5 6
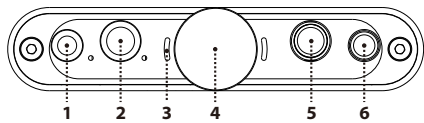
1. PowerMatch (on/off)

PowerMatch enables hip dac 3 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, When on, the gain increases by 10dB. If your IEMs are very sensitive, try using the iEMatch feature (item 7).

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 dac 3 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
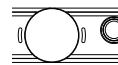
4. ON/OFF and Analogue Volume Control

The analogue volume control in hip dac 3 is superior to any digital volume control.

Warning: Due to the high power of hip dac 3, 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.
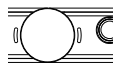
Power ON.   **Power OFF.**

Step 1 ⤵ ON   **Step 2** ⤵ OFF

Tip: hip dac 3 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-C to USB-C cable and appropriate OS support are required.
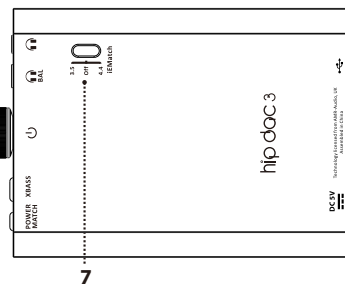
For more information, please refer to www.ifi-audio.com

5. Balanced 4.4mm headphone output

Connect balanced 4.4mm headphones.

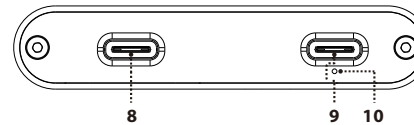## 6. S-Balanced 3.5mm headphone output

Connect 3.5mm headphones.

7

7. iEMatch switch

iEMatch reduces the output level, so that even the most sensitive In-Ear-Monitors (IEMs) can be matched to the hip dac 3.

iEMatch	
3.5	= 3.5mm headphones
off	= off
4.4	= 4.4mm headphone

Tip: The hip dac 3 or the headphone will not be damaged if the iEMatch switch is adjusted incorrectly, but the attenuation level will not be correct.

8   9 10

8. USB-C data input port

Connect your phone to the hip dac 3 with a Lightning to USB Camera Adapter (Apple) or USB-C to USB-C cable (Android). When using other audio sources, please connect with a USB cable. This USB-C port is intended for data transfer only.

Tip: For Apple iOS and Android devices, please use battery power on the hip dac 3, otherwise you may receive error messages from your device.

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

Tip: For the required driver and all the latest firmware updates please refer to our website: www.ifi-audio.com/download-hub/

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

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

10. LED for Battery Status

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

*Battery LED will flash when it is charging