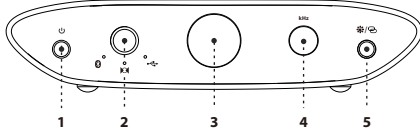


# ifi

## ZEN One Studio



Thank you for purchasing the ZEN One Studio. The ZEN One Studio is a Bluetooth, USB, S/PDIF DAC with digital and analogue outputs.

### 1. Power switch

Short press to turn on. Long press to turn off.

### 2. Input selector

This button cycles through 3 inputs, see item 5 for LED colours.



### 3. Display

The colour of the 'iFi' logo in the center of the front display represents the file format received:

LED	Format (Wired/Wireless)
White	PCM/HWA(LHDC)
Cyan	DSD/LDAC
Green	MQA/aptX Adaptive
Blue	MQA Studio/aptX
Magenta	Original Sample Rate*/aptX HD
Yellow	AAC
OFF	SBC

### 4. Audio format and INPUT LED (kHz)

The LED colour scheme indicates the sampling frequency that the ZEN One Studio receives from the music source.

LED	Mode
Yellow	PCM 44.1/48kHz
White	PCM 88.2/96/176.4/192/352/384.8kHz
Cyan	DSD 64/128
Red	DSD 256
Flashing LED	See item 5 below

### 5. Bluetooth pairing and Display ON/OFF

#### 1) Pairing (long press)

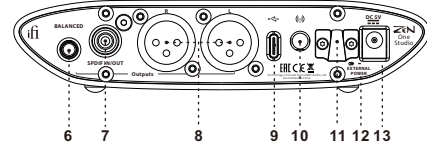
After power-on, the ZEN One Studio searches for a previously paired device and flashes blue. If a stored device is not found, it automatically enters pairing mode and flashes between blue and red. The LED switches to blue flashing, and the device cannot be connected automatically after a timeout of 5 minutes.

To enter pairing mode, press the button for 3 seconds until the light flashes between blue and red. To pair it with your phone or another device, look for 'iFi Hi-Res audio' on the list of available Bluetooth devices.

The ZEN One Studio is able to store up to 8 paired Bluetooth devices. When the 9th device is paired, the oldest device in memory will be deleted.

#### 2) Display screen ON/OFF (short press)

Turns the display on or off.



### 6. Balanced 4.4mm fixed level analogue output

For connection of 4.4mm to XLR or similarly balanced interconnects.

*Warning: Do not insert 4.4mm headphones to this source as the full volume is likely to damage your headphones or your hearing.*

### 7. Digital coaxial input/output

Input channel selector (item 2) determines the function of digital coaxial connector, which is:

- an output when item 2 is on Bluetooth or USB
- an input when item 2 is on S/PDIF

### 8. Balanced XLR analogue output

This is a balanced analogue output.

### 9. USB-C input

This USB-C port is intended for data transfer only, It connects the ZEN One Studio to the audio source.

*Tip: For firmware and driver downloads, please visit: [www.ifi-audio.com/download-hub/](http://www.ifi-audio.com/download-hub/)*

*Note: For use with a PC, it is necessary to install drivers.*

### 10. Antenna

Please attach the enclosed antenna for highest signal quality.

### 11. Power cable anti-drop pendant

Used to secure the power cable to prevent the power supply from falling out or coming loose.

### 12. Power supply LED

When connected to an external power supply, the light will turn green.

### 13. DC 5V power

Please connect the ZEN One Studio to the included power supply. The ZEN One Studio must ONLY be powered by 5 volts.

#### SPECIFICATIONS:

<b>Digital inputs:</b>	USB3.0 Type B (USB2.0 compatible) S/PDIF (3.5mm coaxial) Bluetooth 5.1™ (aptX, aptX HD, aptX Adaptive, aptX LL, LDAC, LHDC/HWA, AAC and SBC codec)
<b>Formats:</b>	DSD 256 / 11.3MHz PCM 384kHz MQA Decoder Bluetooth 96kHz
<b>Chipset:</b>	Bit-Perfect DSD & DXD DAC by Burr Brown Qualcomm QCC 5100 Series
<b>Analogue outputs:</b>	Coaxial, Audio XLR L/R 4.4mm Balanced line out
<b>Frequency Response:</b>	5Hz - 80kHz ±3dB
<b>Outputs:</b>	4V / 2V max. (BAL/UnBAL)
<b>Output Impedance:</b>	≤72Ω/36Ω (BAL/UnBAL)
<b>SNR:</b>	-105dB(A) @ 0dBFS (BAL/UnBAL)
<b>THD + N:</b>	<0.002% @ 0dBFS (BAL/UnBAL)
<b>Power supply requirement:</b>	DC 5V (centre pin +ve)
<b>Power consumption:</b>	No Signal ~0.7W / Max Signal ~1.0W
<b>Dimensions:</b>	158 x 100 x 35 mm (6.2" x 3.9" x 1.4")
<b>Net weight:</b>	500g (1.1 lbs)
<b>Limited Warranty:</b>	12 months

*\*12 months typical or as permitted/required by local reseller laws.*

*\*\*Specifications are subject to change without notice.*