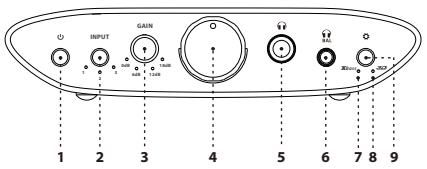
ZEN CAN



Thank you for purchasing the CAN from ZEN series. The CAN is a balanced audio amplifier.

1. Power switch
This is the power switch.

2. Input channel switch
Use the button to choose between the following input options:
Input 1: RCA
Input 2: Single-ended 3.5mm
Input 3: Balanced 4.4mm

3. Gain selection: 0dB/6dB/12dB/18dB
Always start from 0dB and then increase the gain level to attain an enjoyable and comfortable level of volume from the headphones.

Warning: at the outset do not use excessive gain, otherwise damage to hearing or connected headphones may ensue. AMR/iFi audio is not responsible for any damage/injury from misuse.

4. Analogue Volume Control
At normal listening levels, the volume control should be around the 12 o'clock position. Increase the gain level to enjoy a higher listening level.

5. Single-ended 6.3mm output
For connecting single-ended 6.3mm headphones. With single-ended 3.5mm headphones, connect with a 3.5mm to 6.3mm adapter.

6. Balanced 4.4mm analogue output
For connecting balanced 4.4mm headphones.

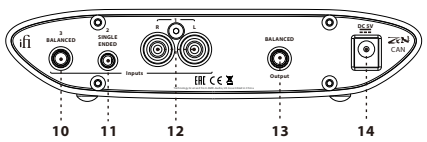
Tip: As ZEN CAN is balanced, we recommend the 4.4mm output.

7. XBass® LED
XBass® (On/Off) was uniquely designed to extend bass response to suit different headphones. It is a pure analogue signal circuit.

8. 3D® Matrix LED
The 3D® Matrix (on/off) recreates a holographic sound field. It is a pure analogue signal processing circuit designed for listening to headphones as if one was listening to speakers. This addresses the 'music inside the head' sensation, which makes for unsettling listening.

Tip: Sonically-hindering DSP is NOT used for XBass® nor 3D® Matrix systems. They use the highest-quality discrete components and operate purely in the analogue domain. Hence all the clarity and resolution of the original music is retained.

9. Settings
This button chooses between:
- Off
- 3D®
- XBass®



10. Balanced 4.4mm analogue input
This is a balanced analogue input.

11. Single-ended 3.5mm input
For connecting single-ended 3.5mm input.

12. RCA analogue input
This is an analogue input.

13. Balanced 4.4mm analogue output
This is an analogue output via 4.4mm > XLR or other balanced interconnects. You could use this for an active speaker.

Tip: As ZEN CAN is balanced, this is the recommended output.

14. DC 5V power
Please connect ZEN CAN to the enclosed power supply, the super-silent iPower. ZEN CAN must ONLY be powered by 5 volts.

Tip: For best performance upgrade iPower to an ultra-low noise iPower X 5V power supply.

Specifications

Input voltage:	DC 5V/2.5A AC 100 -240V, 50/60Hz (iFi iPower included)
Max Output:	
Balanced:	>15.1V/385 mW (@ 600 Ohm) >11.0V/1890 mW (@ 64 Ohm) >6.2V/1200 mW (@ 32 Ohm)
S-E:	>7.6V/98 mW (@ 600 Ohm) >7.4V/870 mW (@ 64 Ohm) >7.2V/1600 mW (@ 32 Ohm)
THD & N:	
Balanced:	<0.006% (@ 360 mW/2.4V 16 Ohm)
S-E:	<0.005% (@ 100 mW/1.27V 16 Ohm)
SNR:	
Balanced:	>120dBA (@ 15.2V)
S-E:	>118dBA (@ 7.6V)
Max. Input:	
Balanced:	7.4V RMS
RCA:	3.8V RMS
3.5mm:	1.92V RMS
Gain:	0dB, 6dB, 12dB and 18dB
Frequency Response:	10Hz - 200kHz (-3dB)
Power consumption:	No Signal ~5W Max Signal ~13W
Dimensions:	158 x117 x35 mm 6.2" x 4.6" x 1.4"
Net weight:	515g (1.14 lbs)
Warranty period:	12 months

Specifications are subject to change without notice.