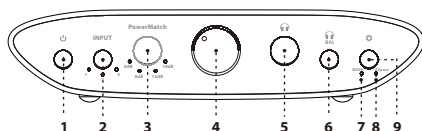


**ifi**  
**ZEN CAN**  
*Signature*  
**MZ99**



Thank you for purchasing the CAN Signature from ZEN series. The CAN Signature MZ99 is a balanced headphone amplifier optimized for Meze headphones.

**1. Power switch**

**2. Input channel switch**

Input 1: RCA  
 Input 2: Single-ended 3.5mm  
 Input 3: Balanced 4.4mm

**3. PowerMatch selection: 0dB/6dB/12dB/18dB**

We recommend starting from 0dB and then increasing the switchable 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 the Meze headphones use balanced design, we recommend the 4.4mm balanced output.*

**7. MZ99 LED**

Headphone corrections optimized for Meze headphones.

**8. XSpace Matrix LED**

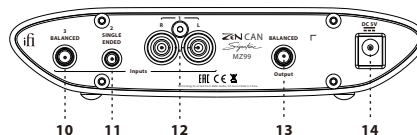
The XSpace Matrix(on/off) recreates a holographic sound field. It is a pure analogue signal processing circuit designed for listening to headphones as if one was listening to speakers. This addresses the 'music inside the head' sensation, which makes for unsettling listening.

*Tip: Sonically-hindering DSP is NOT used for Meze headphones nor XSpace 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
- MZ99
- XSpace



**10. Balanced 4.4mm analogue input**

This is a balanced analogue input.

**11. Single-ended 3.5mm analogue 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 the ZEN CAN Signature MZ99 is balanced, this is the recommended output.*

**14. DC 5V power**

Please connect the ZEN CAN Signature MZ99 to the enclosed power supply, the super-silent iPower2. The ZEN CAN Signature MZ99 must ONLY be powered by 5 volts.

**Specifications**

<b>Input voltage:</b>	DC 5V/2.5A
<b>Max Output:</b>	
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 (@ 32Ohm)
<b>THD &amp; N:</b>	
Balanced:	<0.006% (@ 360 mW/2.4V 16 Ohm)
S-E:	<0.005% (@ 100 mW/1.27V 16 Ohm)
<b>SNR:</b>	
Balanced:	>121dBA (@ 15.2V)
S-E:	>120dBA (@ 7.6V)
<b>Max. Input:</b>	
Balanced:	7.4V RMS
RCA:	3.8V RMS
3.5mm:	1.92V RMS
<b>Gain:</b>	0dB, 6dB, 12dB and 18dB
<b>Frequency Response:</b>	10Hz - 200kHz (-3dB)
<b>Power consumption:</b>	No Signal ~5W Max Signal ~12W
<b>Dimensions:</b>	158 x 117 x 35 mm 6.2" x 4.6" x 1.4"
<b>Net weight:</b>	550 g (1.21 lbs)
<b>Warranty period:</b>	12 months

*Specifications are subject to change without notice.*