

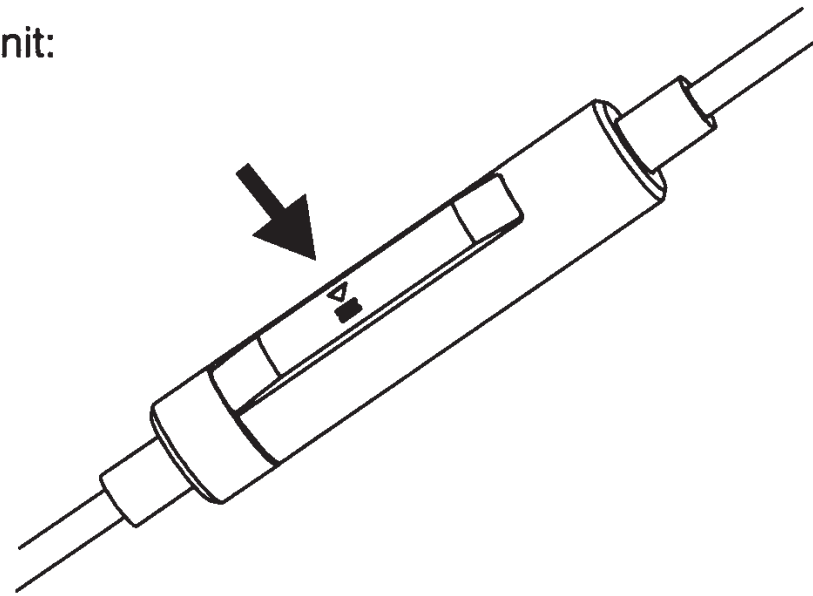


MEZE 99 CLASSICS

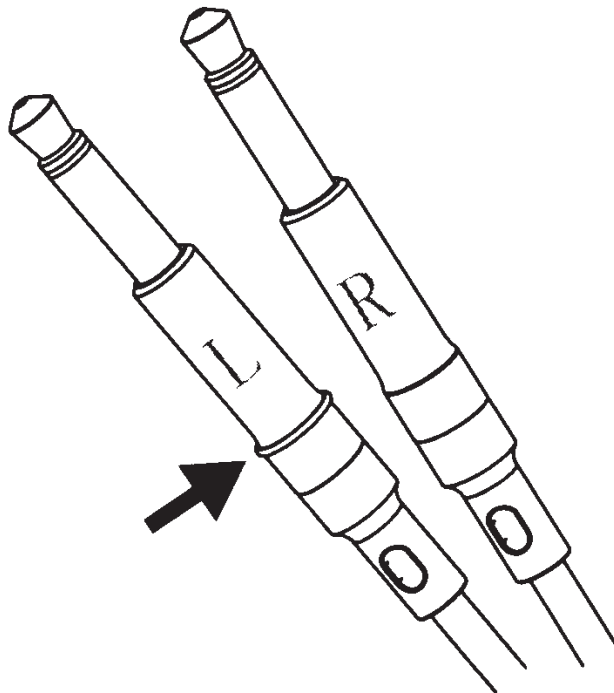
PERFECT NATURAL SOUND

Microphone and Remote Control unit:

- 1x  / 
- 2x 
- 3x 

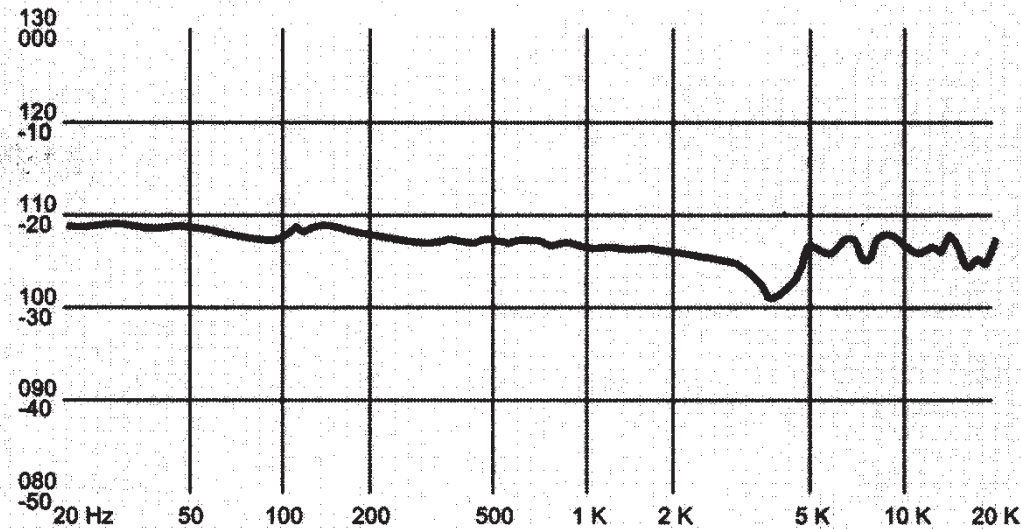


Compatible with both Android and Apple devices + everything that has jack connector



The 99 Classics headphones are symmetrical.
So Left and Right is determined by the L or R
marked cable that you are using.

Also: the L (left) cable jack has a small tactile
ridge to help you identify the left side of cable
/ headphones without looking.



Earcups: Real Wood

Transducer Type: Dynamic Neodymium / Mylar

Transducer size: 40mm

Frequency response: 15 Hz – 25 KHz

Sensitivity: 103 Db 1kHz/1mW

Impedance: 32 Ohm

Rated input power: 30mW

Maximum input power: 50mW

Cable: 1.2m Kevlar OFC with remote

Cable: 3m OFC

Adapter: 6.3mm gold-plated jack

Adapter: Airplane jack

Case: Hard EVA carrying pouch

Weight: 290g



You tend to crank up the volume to compensate for the noise around you. But our earpads offer a good passive isolation which should allow you to listen to your headphones comfortably even in louder environments such as inside an airplane or subway.

This way we hope to contribute to the preservation of your hearing.

FOR YOUR SAFETY: Maximum Recommended Sound Level / Day:

level	time	equivalent to
90dB	8 Hours	hair dryer
95dB	4 Hours	power mower
100dB	2 Hours	tractor
105dB	1 Hour	chainsaw
110dB	30 Minutes	rock concert
115dB	15 Minutes	jackhammer
120dB	Dangerous	ambulance

WARRANTY: Meze headphones guarantees their products against defects in materials or workmanship for a period of one (1) year from the date of purchase from a Meze headphones authorized dealer. Meze headphones will repair or replace the product or parts at no charge. After one (1) year, you are responsible for the repair, replacement part or replacement. This warranty does not cover other related costs. This warranty does not cover cosmetic damage, acts of god, normal wear and tear, accidents, misuse, commercial use, any modifications to the product, improper use or improper connection. Additionally it doesn't cover purchase from an unauthorized dealer, attempted repair by anyone other than Meze headphones or other authorized person or unit.

This warranty does not cover products sold by unauthorized resellers, products sold as-is, open box, second hand, display models, or any other times in which the product may have been opened or used.

This warranty is also void if the product was damaged by a product that it was used with such as battery leak or electrical fault of a connecting product.

In order for warranty to apply a proof of purchase is required. A proof of purchase may be in the form of a receipt, bill of sale, transaction code with the model of the product and the date of purchase listed from an authorized dealer.

Meze headphones is not responsible for replacement or repair of products if in violation of this warranty. Some countries may have other restrictions on warranties.

RETURNS: In the event that you need warranty service on your earphones, earbuds or headphones or you are not satisfied with your purchase, please contact the Meze authorized dealer you made the purchase from or Meze headphones through the contact form on the website in case you purchased the item on the Meze headphones website. We are not responsible for items returned without previously contacting Meze headphones.

REFUND POLICY: Products purchased from our website can be returned within 30 days of purchase date. The package must be unopened and without any visible damage. To be eligible for a refund from Meze headphones the product must have been purchased directly from Meze headphones. If your product was purchased from other retailers you must contact that specific retailer.

Refunds will be subject to a 15-20% restocking fee. The customer is also responsible to pay for shipping to return the merchandise.

If the product you received is defective from Meze headphones or when purchased through any other authorized dealer; you may request an exchange under our warranty policy.

Besides all the above, Meze headphones wishes for all customers to be happy with their purchase and will do its best to make that happen.



You have purchased a genuine Meze product.
This object has been designed and lovingly crafted under close quality control.
The uniqueness of the wood pattern ensures that no two headphones are alike
and you are the owner of a one of a kind item.

Meze guarantees the originality and quality of it's products.

Thank You

Antonio Meze
- chief designer -

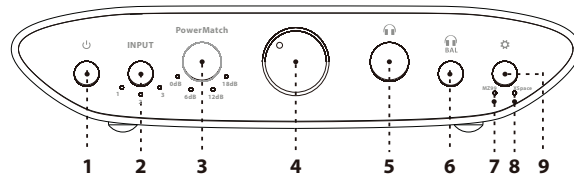
This item has been carefully inspected

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.

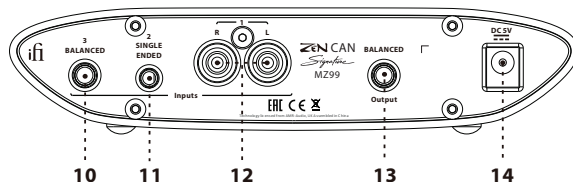
Tip: Sonically-hindering DSP is NOT used for Meze headphones nor XSpace Matrix systems. They use the highest-quality discrete components and operate purely in the analogue domain. Hence all the clarity and resolution of the original music is retained.

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

Input voltage: DC 5V/2.5A

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:
 >121dBA (@ 15.2V)
 S-E:
 >120dBA (@ 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 ~12W

Dimensions:

158 x 117 x 35 mm
 6.2" x 4.6" x 1.4"

Net weight:

550 g (1.21 lbs)

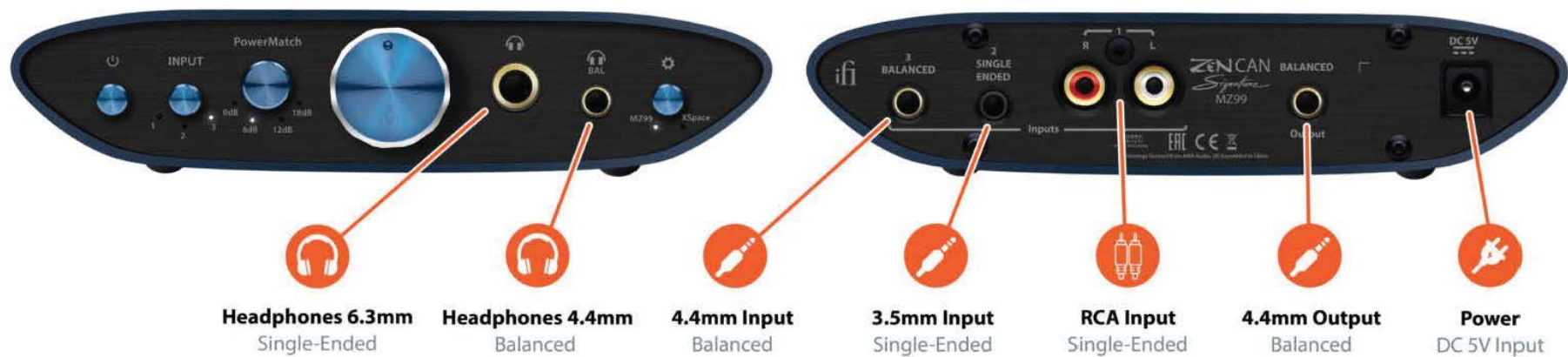
Warranty period:

12 months

Specifications are subject to change without notice.

ZEN CAN *Signature* MZ99

Connection Guide



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ZEN CAN
Signature
MZ99

Tech Lowdown



Special By Design

- ActivEQ is an exact match for Meze 99 Classic headphones
- End-to-end True Differential balanced circuitry
- Premium parts selection drawn from the £3,000 Pro range



Features

- Adjustable gain to match other headphones
- XSpace analogue headphone
- 4.4mm balanced output



ActiveEQ

The Meze 99 Classic headphones

- Offers exceptional tonality
- Delivers outstanding dynamic expression

ZEN CAN Signature MZ99

- Adjusts the treble for more vivaciousness
- Enhances the mid-low bass to extract the last drop of sonic goodness

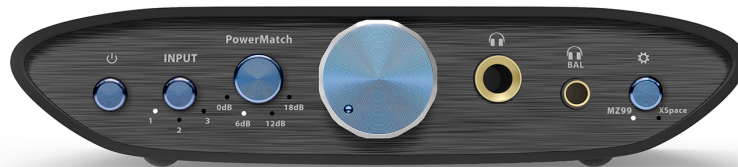
ActiveEQ

- EQ curve precisely matched
- Active and passive components
- Performed in the analogue domain
- Unmatched noise reduction
- SNR and distortion are unaffected

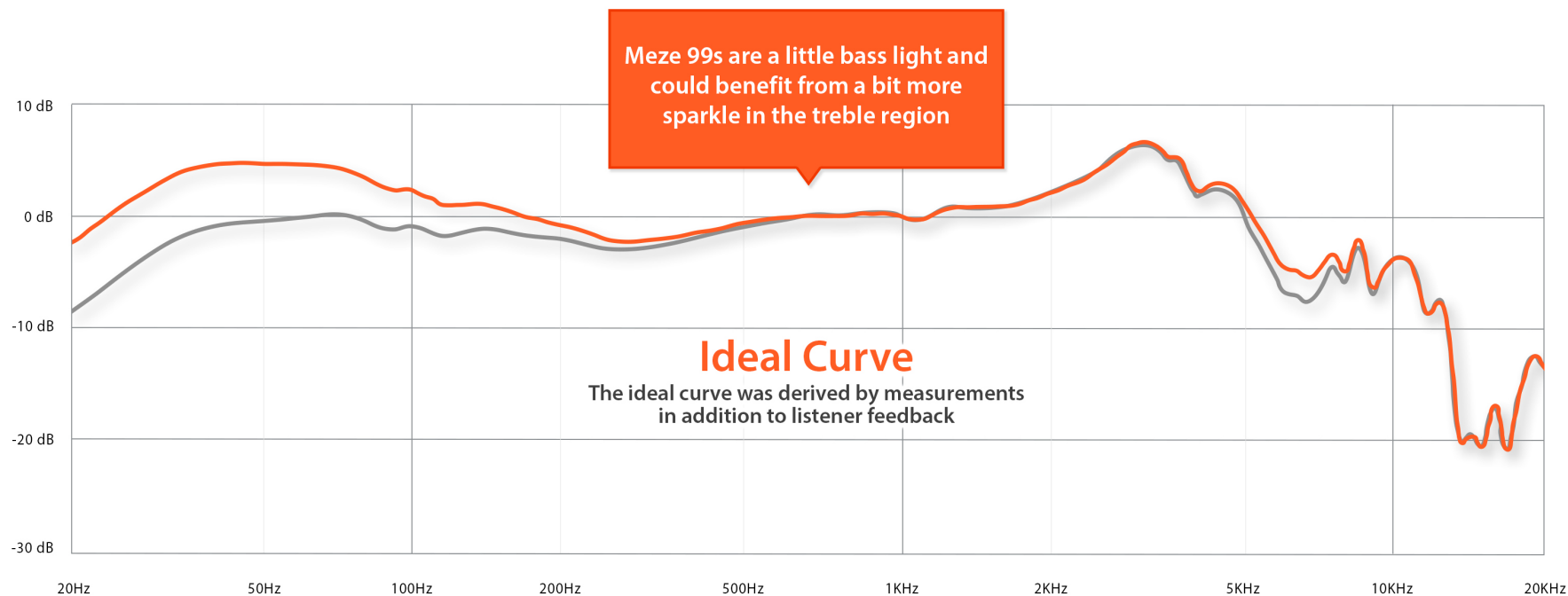
ActiveEQ can be switched off to use with other headphones.



Frequency Response 20Hz to 20KHz



ZEN CAN
Signature
MZ99



Headphones Compatibility List

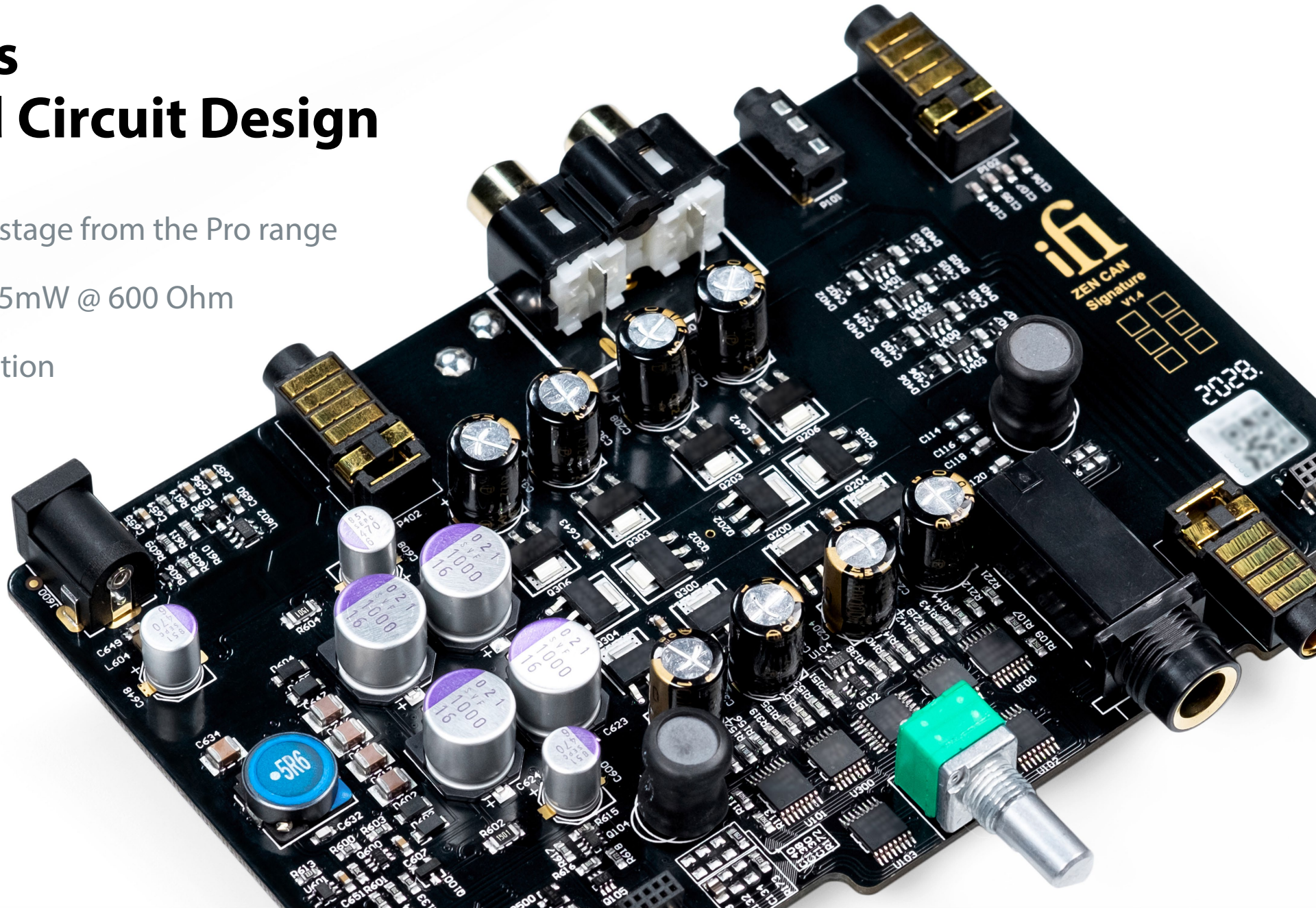
Meze 99 Classics
Meze 99 Neo
Meze 99 by Drop

- ZEN CAN Signature MZ99 + Meze 99 Headphones
- Meze 99 Headphones



Pro Series High-End Circuit Design

- Class A output stage from the Pro range
- Drives 15V / 385mW @ 600 Ohm
- <0.006% distortion



Superior Design and Components

Panasonic OS-CON
Excellent noise reduction capability and frequency characteristics

TEXAS INSTRUMENTS
Precision low-noise power supply

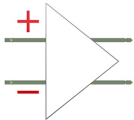
ELNA
Elna Silmic II capacitors

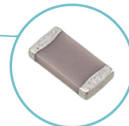
muRata
INNOVATOR IN ELECTRONICS
Murata Low-ESR high Q multilayer capacitor


Black military spec PCB


Thin Film Resistors
Power noise & distortion than metal/carbon film

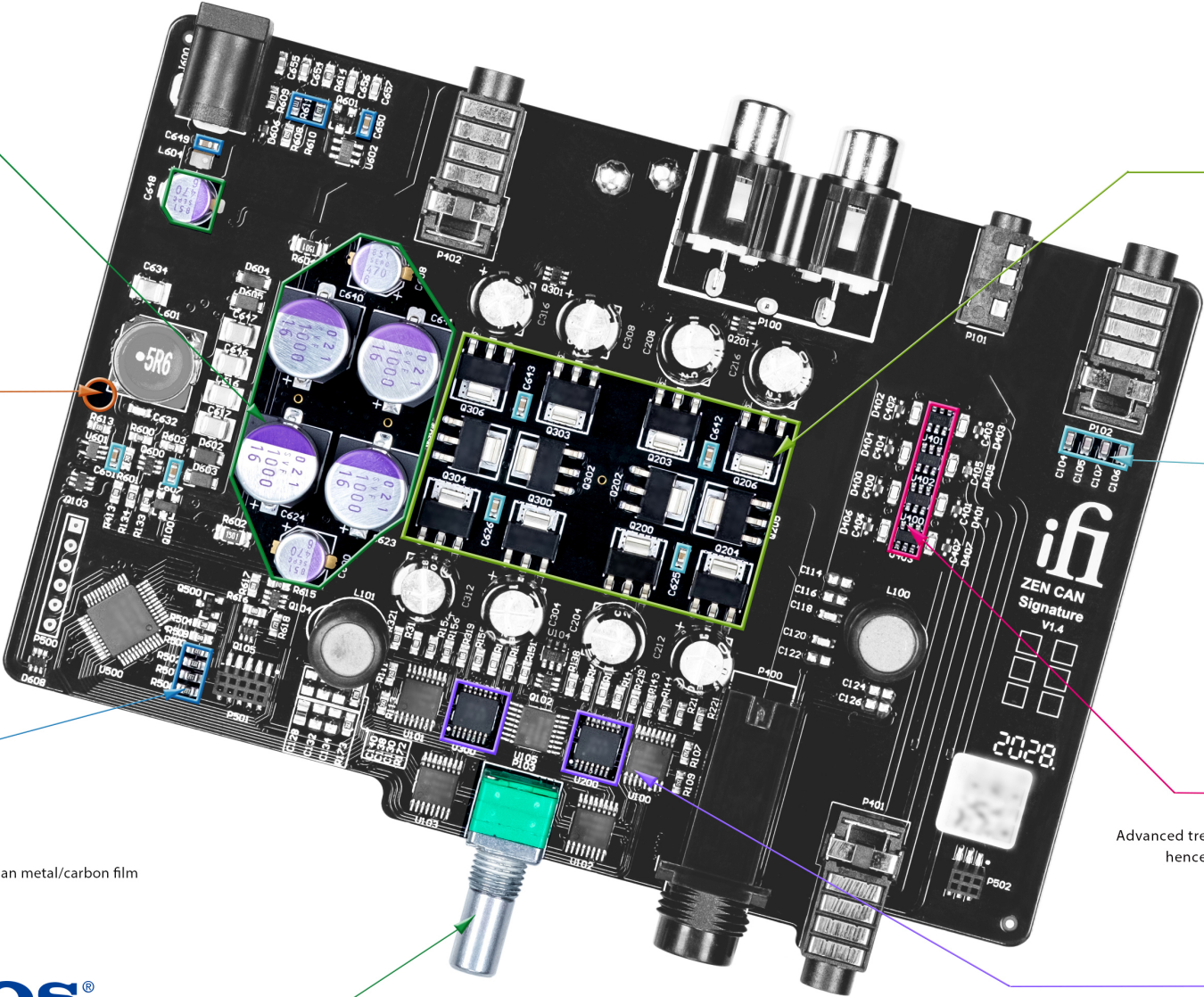
TOCOS
Tokyo Cosmos Electric Co., Ltd.
Tokyo Cosmos Electric potentiometer

Balanced

Balanced circuit


TDK
COG capacitors
For audio use with extremely low distortion

 **MOSFET**
Advanced trench technology MOSFET as muting switch
hence when not in use doesn't affect the sound.

 
Low noise/distortion OV2637A (0.0001%)
Performance equals/surpasses many high-end headphone amplifiers



XSPACE

- XSpace – analogue headphone spatialiser.
- This opens up your music to give you the spaciousness of a live-concert atmosphere.



Specifications

Input Voltage	5V/2.5A	
Max Output	Balanced	>15.1V/385 mW (@ 600 Ohm)
		>11.0V/1890 mW (@ 64 Ohm)
		>6.2V/1200 mW (@ 32 Ohm)
	Single-Ended	>7.6V/98mW (@ 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)
	Single-Ended	<0.005% (@ 100 mW/1.27V 16 Ohm)
SNR	Balanced	>121dBA (@ 15.2V)
	Single-Ended	>120dBA (@ 7.6V)

Max Output	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 ~12W	
Dimensions	158 x 117 x 35 mm	
	6.2" x 4.6" x 1.4"	
Net weight	550 g	
	1.21 lbs	



Specifications

Line Section		
Outputs	Balanced	6.7V max. (variable)
	UnBAL	3.5V max. (variable)
Output Impedance	Balanced	$\leq 200\Omega$
	UnBAL	$\leq 100\Omega$
SNR	Balanced	$< 110\text{dB(A)} @ 0\text{dBFS}$
	UnBAL	$< 110\text{dB(A)} @ 0\text{dBFS}$
THD+N	Balanced	$< 0.007\% @ 0\text{dBFS}$
	UnBAL	$< 0.015\% @ 0\text{dBFS}$

Headphone Section		
Outputs	Balanced	6.7V max. @ 600Ω
	UnBAL	3.5V max. @ 600Ω
Output Power	Balanced	$> 1000\text{mW} @ 32\Omega$; $> 74\text{mW} @ 600\Omega$
	UnBAL	$> 320\text{mW} @ 32\Omega$; $> 40\text{mW} @ 300\Omega$
Output Impedance	Balanced	$< 1\Omega$
	UnBAL	$< 1\Omega$
SNR	Balanced	$< 116\text{dB(A)} @ 0\text{dBFS}$
	UnBAL	$< 115\text{dB(A)} @ 0\text{dBFS}$
THD+N	$< 0.005\% (1\text{V} @ 16\Omega)$	



