

Zandēn
A P Φ M R

Product catalogue
2017 SS

Zanden Audio Systems Ltd.
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A P Φ M R



Philosophy

Beauty & Reality

What inspires us to listen to audio? Perhaps it's the memory of a specific musician or work. Audio is the medium which allows us to experience our favorite musical performances as if we were there ourselves.

If so it is of paramount importance that audio embody the performers, expressing their presence in three dimensional space faithfully and without limitation. We have all experienced an uneasy feeling when listening to recorded music. It is often difficult to describe this feeling of discomfort, but it arises out of the gap between live music and recorded music. Zanden aspires to eliminate this perceived gap, reproducing not just the sound and space at the moment of recording but also recreating a realistic presence as well.

If the role of the audio component is to reproduce musicians faithfully in space, we must consider the impact of the component itself within the listening space. Visually it must not become a source of distraction. Instead audio components should blend harmoniously into the listening space, floating beautifully and serenely.





Classic collection

"Refined"

The Classic Collection represents our "highest standard of quality" and incorporates Zanden's most advanced technologies. Each product ideally exemplifies the sound characteristics we are pursuing, accurate sound and space at the moment of recording as well as realistic presence, and produces them with the finest detail. Great care has been given to even the smallest details of the aesthetic design, and with the Classic Collection we have created a collection of products which exudes graceful charm and fits easily into the most stylish interiors. These products are of the highest quality in every respect and can be handed down and enjoyed from generation to generation as treasured heirlooms.

Classic



Phono Preamplifier Model 1200mk3

The equalization section includes five unique equalization characteristics implemented with a fixed impedance LCR type circuit. The amplification stage employs Zanden's original no negative feedback circuit. Absolute phase can be inverted via a switch on the front panel.

Frequency response :	20Hz - 20kHz (±0.5dB)
Gain :	64dB (1kHz, RIAA, low) 54dB (1kHz, RIAA, high)
Input impedance :	low - 36Ω, high - 470Ω
Output impedance :	3kΩ
Power consumption :	44W
Tube compliment :	(3) 6922 [main] (1) 6922, (2) 6CA4 [power]
Inputs :	RCA low / XLR (optional) RCA high / XLR (optional)
Outputs :	RCA
Dimensions :	398 x 103 x 354 mm [main] [W x H x D] 157 x 165 x 337 mm [power]
Weight :	8.0kg [main] 6.2kg [power]



Line Preamplifier Model 3000mk2

Amorphous cobalt transformers are employed at both the inputs and outputs. The amplification stage is constructed using Zanden's unique no negative feedback circuit. Absolute phase can be inverted, and a full function remote control is included.

Frequency response :	10Hz - 20kHz (-0.5dB)
Input impedance :	XLR - 100k Ω , RCA - 100k Ω
Maximum output :	8 Volts RMS
Power consumption :	60W
Tube compliment :	(1) 5687 [main] (2) 6CA4 [power]
Inputs :	(3) RCA, (3) XLR
Outputs :	RCA, XLR
Dimensions :	398 x 103 x 254 mm [main] [W x H x D] 157 x 165 x 357 mm [power]
Weight :	9.1kg [main] 5.5kg [power]



Mono Power Amplifier
Model 9600mk2

Operating in pure class A (for 60 watts) it is a fully balanced push-pull design from input to output and utilizes Zanden's original direct coupled circuit. The output transformers are constructed with Finemet cores.

Frequency response :	10Hz - 50kHz (-3dB)
Input impedance :	20k Ω
Power output :	60 watts class A 100 watts / ch (max)
Output load impedance :	2 Ω , 4 Ω , 8 Ω
Power consumption :	250W
Tube compliment :	(2) KR845, (2) 6CA4 (2) 5687WB, (2) 5R4WGB
Inputs :	XLR
Dimensions :	320 x 440 x 450 mm [W x H x D]
Weight :	42.5kg

“ Sound of silence ”

Even compared to live music Zanden's amplifiers faithfully produce a natural sound without an uneasy feeling of artificiality. People often describe our products as “silent.” The quality of the actual sound and the contrast between its various elements gives rise to this sense of silence, a tranquility which compels you to listen. Rather than consciously listening, your body instantly perceives a clear acoustic field. You lose yourself within the music and in its glory recognize something new, something you failed to notice before.



“ Originality ”

Zanden first introduced a stereo phono preamplifier with selectable equalization characteristics in 1997, and through innovative development we have advanced both digital and analog products.

While valuing the traditional circuits used in vacuum tube amplifiers, we are searching for areas where we can improve these older technologies. Knowing well that our products are judged solely on the quality of their sound, we have advanced the development of our own unique circuitry using both new and old technologies without prejudice. As a result Zanden has been awarded numerous patents both domestically and internationally for their unique circuits, and we have realized a level of audio reproduction unrivaled for its reality.

Regarding noise and vibration countermeasures, Zanden has collaborated with material manufacturers to actively test new materials and apply them to our products. By applying these special materials carefully one by one to various parts, we can improve the clarity of recorded music.

We do not treat the design of our products simply as electronics. Like the great Stradivari or Guarneri violins they are instruments for the performance of music and should be treated as works of art to be displayed with pride. With this in mind we design every product to easily fit into any décor and exude a beautiful appearance.



“ Handmade ”

Each product is manufactured one at a time by skilled craftsmen. As part of the final stage of the manufacturing process, every unit is subjected to rigorous testing. Of course high precision measuring equipment is used. In addition each unit undergoes a thorough listening evaluation by an experienced listener with thousands of hours of concert experience and necessary adjustments are made. This process ensures that Zanden delivers only products of the highest quality.

Great care has also been taken to ensure that the finish of our products is the finest quality. All of the case work is by local Japanese craftsmen. The stainless steel casework is made from a single sheet of metal using traditional methods to achieve the final shape and is hand polished to a stunning mirror finish. The surface of our machined aluminum panels has a beautiful texture which can only be achieved by skilled specialists.



Awards

Classic collection

- Model 1200 -

Stereophile (US):
Recommended Component Class A
The Absolute Sound (US):
GOLDEN EAR 2003

- Model 1200mk2 -

Hifi+ (UK):
PRODUCT OF THE YEAR 2007

- Model 3000 -

Fedeltà De Suono (IT):
FDS Hi-Fi AWARDS 2009
REMUSIC (IT):
SPARK in the dark (2011)

- Model 9600mk2 -

The Absolute Sound (US):
Editors' choice 2017

Modern collection

- Model 120 -

The Absolute Sound (US):
PRODUCT of the YEAR 2015
Editors' choice 2017, 2016 & 2015

- Model 3100 -

The Absolute Sound (US):
PRODUCT of the YEAR 2014
Editors' choice 2017, 2016 & 2015
SoundStage! (US):
PRODUCT of the YEAR 2016

- Model 8120 -

The Absolute Sound (US):
PRODUCT of the YEAR 2014
Editors' choice 2017, 2016 & 2015

Born of passion

Modern



Modern collection " Essential "

With the Modern Collection we have combined our essential technologies with a modern design. In order to reduce the number of units and simplify the system, the power amp has been configured as a stereo unit, the preamplifier is a single chassis unit with an internal power supply, and the phono preamplifier is also a compact piece. The white satin acrylic front panel's design belies the fact that the Model 8120 is a stereo power amplifier. With high power it has the ability to drive moderately sensitive speakers even in large listening rooms to musically satisfying levels.



Phono Preamplifier Model 120

It is Zanden's first completely solid state amplifier. The equalization section includes five unique equalization characteristics implemented with a fixed impedance LCR type circuit. Absolute phase can be inverted via a switch on the front panel.

Frequency response :	20Hz - 20kHz (± 0.5 dB)
Gain :	71dB (1kHz, RIAA, low) 60dB (1kHz, RIAA, high)
Input impedance :	low - 36 Ω , high - 470 Ω
Output impedance :	50 Ω
Power consumption :	6W
Inputs :	(2) RCA / XLR (optional)
Outputs :	RCA
Dimensions :	363 x 70 x 370 mm [main] 77 x 58 x 167 mm [power]
Weight :	5.6kg [main] 1.2kg [power]



Line Preamplifier Model 3100

The amplification stage is constructed using Zanden's unique no negative feedback circuit. The power supply employs tube rectification. Absolute phase can be inverted, and a full function remote control is included.

Frequency response :	10Hz - 20kHz (-0.5dB)
Input impedance :	XLR - 10k Ω , RCA - 100k Ω
Maximum output :	8 Volts RMS
Power consumption :	25W
Tube compliment :	(2) 5687
Inputs :	(3) RCA, XLR
Outputs :	(2) RCA, (2) XLR
Dimensions :	363 x 94 x 368 mm [W x H x D]
Weight :	9.0kg



Stereo Power Amplifier Model 8120

Operating in class AB it employs Zanden's unique direct coupled push-pull circuit, delivering a peak power of 100 watts with minimal negative feedback.

Frequency response :	7Hz - 60kHz (-1dB)
Input impedance :	RCA - 100k Ω , XLR - 7k Ω
Power output :	100 watts / ch (max)
Output load impedance :	4 Ω , 8 Ω
Power consumption :	270W
Tube compliment :	(4) KT120, (4) 12AU7
Inputs :	RCA, XLR
Dimensions : [W x H x D]	426 x 308 x 379 mm
Weight :	46.2kg

Accessory

Vibration Absorber ZVA-1



Constructed of two types of HANENITE material with superior vibration and shock absorption properties mounted on a urethane mat, it has a three layer hybrid construction which eliminates unwanted vibrations.

Material : HANENITE-Gel, HANENITE-Rubber, Urethane
Structure : Three Layer Hybrid
Dimension : [Diameter] 80mm x [Thickness] 10mm
Weight : approx. 31g
Load Limit: 1kg / cm²
28kg (max)
*To distribute the load over the entire surface area please use the D-ZVA which is sold separately.

Turntable Platter Mat TPM-1



Constructed of two layers of HANENITE-Rubber and HANENITE-Gel with superior damping properties, Zanden's TPM-1 will recover all of the information from your analog records.

Material : HANENITE-Gel, HANENITE-Rubber
Structure : Two Layer Hybrid
Dimension : [Diameter] 298mm x [Thickness] 5mm
Weight : approx. 350g

Epilogue

We would like to offer our deepest gratitude for your interest in our product.

Music is an art form, but it is important to distinguish it from other major art forms such as the visual arts and literature. Paintings and other art work are not abstract expressions of the artist's intent but true physical manifestations. The form itself is the expression of the artist's intent. However, in the case of music it is a performing art and has no physical form, so the challenge is how to preserve something with no material form. The medium of audio (recording and playback) is necessary.

From the origins of music it has been a performing art, where the musicians and the audience share a common space and experience. With this as the premise we can speak of artistic expression.

Music is part of our cultural heritage, and in order to properly preserve and pass it down we have an important duty to reproduce the full range of expression within recorded music, including the tiniest nuances, presence of the musicians and audience, sound stage and atmosphere, so that recorded music is no longer a distant event, but you experience it as if you were a participant.

To properly experience and understand the performances of great musicians both the recording and playback must be faithful to the original, including a realistic soundstage and presence, and it is the only document available for future generations.

We hope that many more people will enjoy the rich sensory experience that music is capable of expressing, and Zanden will continue to pursue beauty & reality.

Kazutachi Yamada