

PRESS RELEASE

Ferrum WANDLA DAC/PREAMP gets EISA award for Best DAC of the Year

Simply The *Best Converter*

When the EISA HiFi chapter members gave WANDLA the recognition by awarding it Best DAC of the Year, we just were beyond ourselves. **The Converter** proved to be **Simply The Best**. Our EISA winning streak began two years ago, back in 2021, with the success of our **Ferrum HYPPOS** hybrid power system, only to be followed up by our **Ferrum OOR** headphone amplifier, which got awarded by EISA in 2022! This year our WANDLA DAC got the coveted EISA award for **Best DAC of the Year!** We couldn't be happier.

Of course, the world's leading hifi journalists were totally baffled by WANDLA's sound in relation to the price. WANDLA really sets a new standard for high end conversion. It does this in many ways, both technological and ideological. WANDLA combines innovative tech with the inclusion of all users in creating their own tailor-made sound by choosing their favourite digital filter, which makes it really deserve the award of Best DA Converter.

It goes without saying the Ferrum team is utterly grateful to be acknowledged like this not once, not twice, but thrice. This victory is a huge boost for all Ferrum team members and an incentive to be motivated even more than we already were to keep on producing the finest of audio gear our much-appreciated customers love so dearly.

The fun thing about our three Ferrum products winning the EISA awards is that they are actually made for each other. Of course, you can use WANDLA stand alone, and you can use HYPPOS with other great hifi-gear, it is together that they drive the listener to a special place of musical enjoyment. Want to get the best out of your headphones? OOR will get the best out of them, especially when connected to HYPPOS. Did you know HYPPOS can power WANDLA and OOR at the same time? The only thing you need is our Ferrum Power Splitter. You just need to hear it to believe it.

Want to know more about Ferrum, WANDLA, white papers, photos or digital filtering? Please surf to www.ferrum.audio at your convenience or interact with us via phone, e-mail, or our social channels.

WANDLA specific key features

Tomorrow's High End Audio Today - WANDLA leads the way for tomorrow's high-end, offering flagship audio quality at an unprecedented price.

Finely tuned DA conversion - WANDLA is the latest exemplar of Ferrum's digital know-how and our in-house-developed analogue audio and electrical technology. The ESS Sabre ES9038PRO combined with Ferrum's advanced new current-to-voltage (I/V) converter compares to units many times its price.

SERCE - Digital audio system module - Our optimized ARM chip offers the shortest signal path possible, making 5 chips redundant. Includes MQA decoder/renderer and digital filter selection.

Dynamic Digital Filtering - WANDLA has three ESS digital filters to choose as standard and, as a world first, two digital filters created for Ferrum by renowned filter-maker HQ Player. More will follow with future updates after interaction with WANDLA users

Optimized Digital inputs - Specially programmed USB, and tuned coaxial and optical S/PDIF, ARC and I2S ports, optimized for audio.

Proprietary amplification - Fully balanced modified IC pre-amplifier, fine tuned for WANDLA.

Truly Balanced - The signal path stays truly balanced using the XLR inputs and becomes truly balanced using the RCA inputs.

Ease of use - Newly developed hi-res touch screen with intuitive UX that is a dream to operate, including remote control.

Enhanced transparency - The whole design is focused on a balanced and very transparent sound signature, making listening fatigue a thing of the past.

Made for HYPSONS - WANDLA performs beautifully right out of the box, but you can take its performance above and beyond when pairing it with HYPSONS. Using the proprietary Ferrum Power Link (FPL) connection with 4T voltage sensing, both components will perform to their absolute maximum, unleashing unheard-of musicality.

Specifications Ferrum WANDLA flagship DAC/PREAMP

Operation:	Fully balanced, proprietary IC power amp
DAC chip:	ESS Sabre ES9038PRO
DAC resolution:	768k/32bit, DSD 256
Digital inputs:	- AES/EBU (up to 196kHz/24bit, DoP 64) - Optical S/PDIF (up to 96kHz/24bit) - Coaxial S/PDIF (up to 192kHz/24bit, DoP 64) - USB-C (up to 768kHz/32bit, DSD 256) - ARC (up to 192kHz/24bit), TV input with CEC - I2S (up to 768kHz/32bit, DSD 256), PS Audio® compatible decoder and renderer (on all digital inputs)
MQA:	
Analog inputs:	RCA
Analog input Vmax:	9,5V RMS (2 – 3,5V RMS recommended)
Analogue input imp:	47kΩ
Line outputs:	balanced XLR; unbalanced RCA
Volume control:	analogue with bypass option / digital for DAC operation only
Output level:	@0dBFS, 1kHz sine 9,3V RMS balanced, 4,65V RMS unbalanced
Frequency response:	10Hz - 200kHz +/- 0,1dB
analog inputs	
DAC THD:	-121dB (0,00009%); THD+N: -115dB (unweighted)
Analog input THD:	-123dB @ 2V RMS output level
Dyn. range analog:	127dB (A-weighted)
Dyn. range digital:	122dB (A-weighted)
Crosstalk:	-120dB for 1kHz, better than -100dB for 20Hz -20kHz
Output impedance:	22Ω unbalanced
Output impedance:	44Ω balanced
Power consumption:	10W idle / 15W max
Power inputs:	5,5/2,5 mm DC connector centre positive proprietary FPL 4-pin DC connector (FPL) 22-30VDC
Power adapter:	100-240 VAC to 24VDC
Dimensions:	21,7 x 20,6 x 5 cm / 8.6 x 8.1 x 2.0 inch (WxDxH)
Remote control:	included
Weight:	1,80 kg / 3.97 lbs
Price (EUR/USD):	2.795

More information on www.ferrum.audio

About Ferrum:

Looking at the competencies of HEM and the rich local history of quality craftsmanship in the Warsaw region of Poland inspired the idea of creating a new brand of quality hifi products. The Ferrum brand was created in early 2020 and set out to combine sustainability, durability, and quality into compact yet attractive packages, focused on one thing only: delivering the best possible audio experience at an affordable price level. When Ferrum created HYPPOS, it redefined power supply designs. When Ferrum created headphone amp OOR, it raised the bar for intimate, analog listening through your favourite headphones. With headphone DAC/AMP ERGO, Ferrum put one and one together to forever change the way you will enjoy digital and analog audio. With our flagship DAC/PREAMP WANDLA we have made tomorrow's high-end DAC available today and created yet another addition to our ecosystem of affordable high quality hifi equipment. Exciting future products will follow suit in unique, exiting, and new ways.

About HEM:

Founded more than 20 years ago in Warsaw, Poland by Marcin Hamerla, HEM set out to operate at the forefront of audio technology. Having done several projects for the Polish government, HEM's focus shifted to industry leading digital technology in collaborating with Mytek Digital. Experimenting with hi-res audio and Master Quality Authenticated files in particular, HEM manufactured the finest Digital to Analogue converters in the world under the Mytek brand. Apart from being responsible for manufacturing Mytek, HEM distributed the brand in European and Far Eastern markets. Another brand in HEM distribution is Clarus Cable. HEM recently introduced a new and completely in-house developed brand of hifi products under the name Ferrum, which HEM will be distributing as well. Because of HEM's in-house Research & Development and Software Programming Division, fields of expertise also include manufacturing of original electronic equipment (OEM) and electronic designs (ODM).

Editorial note:

For more information or photographic material in high resolution contact Magdalena Konarska at media@ferrum.audio