



WANDLA by Ferrum

The Converter

Ferrum is in the business of creating game-changing products. With **WANDLA**, we are making a statement to the current and next generation of music lovers. WANDLA represents tomorrow's standard of high end digital-to-analog conversion. Think of WANDLA like a Formula 1 racing car. Like the F1 constructor's team building the best racing car, Ferrum created the best engine for The Converter. We transformed our ARM chip, making it capable of doing the work of five chips, and took the ESS Sabre DAC chip to the next level with our new current to voltage converter. With our sleek visuals, we created a sense of aerodynamics for the living room. By adding our unique set of digital filters, we allowed end users to fine-tune their DACs to their specific sonic needs. We called this DDF, short for dynamic digital filtering. WANDLA is the best your money can buy, representing the most musical and tailormade DAC for today and tomorrow. From CD to streaming, from mp3 to super hi-res, from classical to hard rock. WANDLA can be upgraded with HYPPOS and is the perfect companion for OOR. **WANDLA**: prepare to be converted by the real thing.



WANDLA, The Converter



Tomorrow's High End Audio Today - as The Converter WANDLA leads the way for tomorrow's high end at tentative price levels. WANDLA offers flagship audio quality at an unprecedented price.

Finely tuned DA conversion - WANDLA is the embodiment of Ferrum's digital know-how and their in house developed analogue audio and electrical technology. The ESS Sabre ES9038PRO current to voltage (I/V) converter is fine-tuned to perform to its maximum

Optimized ARM - optimized ARM chip offers shortest signal path possible making 5 chips redundant. Includes MQA decoder/renderer and digital filter selection

Dynamic Digital Filtering - WANDLA has seven ESS digital filters to choose from as standard and, as a world first, lets its audience vote the best from a total of eight WANDLA filters, created for Ferrum by renowned filter-maker HQ Player

Optimized Digital inputs - specially programmed USB, and tuned coaxial and optical S/PDIF, HDMI and I2S ports, optimized for audio

Proprietary amplification - fully balanced modified IC pre-amplifier

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 user interface

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

Made for HYPPOS - while WANDLA performs very good right out of the box it is made to excel above and beyond when used together with HYPPOS. Using the proprietary Ferrum Power Link (FPL) connection both components will perform to their maximum, unleashing unheard of musicality.



2.795 EUR/USD

Specifications Ferrum WANDLA DAC/PREAMP:

Operation:	Fully balanced, proprietary IC power amp	Frequency response:	10Hz - 200kHz +/- 0,1dB analog inputs
DAC chip:	ESS Sabre ES9038PRO	DAC THD:	-121dB (0,00009%); THD+N: -115dB (unweighted)
DAC resolution:	768k/32bit, DSD 256	Analog input THD:	-123dB @ 2V RMS output level
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)	Dyn. range analog:	127dB (A-weighted)
MQA:		Dyn. range digital:	122dB (A-weighted)
Analog inputs:	RCA	Crosstalk:	-120dB for 1kHz, better than -100dB for 20Hz - 20kHz
Analog input Vmax:	95V RMS (2 - 3,5V RMS recommended)	Output impedance:	22Ω unbalanced
Analogue input imp:	47kΩ	Output impedance:	44Ω balanced
Line outputs:	balanced XLR; unbalanced RCA	Power consumption:	10W idle / 15W max
Volume control:	analogue with bypass option / digital for DAC operation only	Power inputs:	5,5/2,5 mm DC connector centre positive proprietary FPL 4-pin DC connector (FPL) 22-30VDC
Output level:	@0dBFS, 1kHz sine 9,3V RMS balanced, 4,65V RMS unbalanced	Power adapter:	100-240 VAC to 24VDC
		Dimensions:	21,7 x 20,6 x 5 cm (WxDxH)
		Weight:	8,6 x 8,1 x 2,0 inch 1,8 kg / 3,97 lbs