



WANDLA by Ferrum

GoldenSound Edition Gen 2

WANDLA GoldenSound Edition managed to add three great features to the original WANDLA. One to enhance the sheer impact in the lower frequency, one to simulate the warmth of a tube stage and one to offer an enhancement in the third dimension. With **GoldenSound Edition Gen 2** these three features, called *Impact+*, *Tube Mode* and *Spatial Enhancement*, were completely overhauled and each got their own *Ferrum Sweet Spot Tuning!*

Impact+ now offers seven distinct shape settings (Reference, Ref+, Smooth, Kick+, DD-Comp, DD-Comp+, and Sub-Bass) and lets you regulate the impact level from 10% to 130%. **Tube Mode** now introduces the sound signature of five tubes (EL34, KT88, 300B, 2A3 and 7062) with reproduction up to the 7th harmonic and lets you regulate the levels from 10% to 200% in search of your personal perfect setting. **Spatial Enhancement** now introduces Transient Compensation. This setting fine-tunes the spatial enhancement algorithm and provides improved processing for high frequency transients, resulting in a vastly more realistic three-dimensional staging without unwanted shifts in imaging often caused by traditional crossfeed. **GoldenSound Edition Gen 2** introduces ultimate customization on top of all of the original settings for both speakers and headphones. Something great just got even better.



It's all about finding your **Sweet Spot!**



Gen 2 Tube Mode - You can now choose your tube sound signature by choosing one of five popular tube designs and adjusting the level of its effect. Enter Ferrum's Sweet Spot Tuning for Tube Sound.

Gen 2 Impact+ - You can now control your low-end sound signature by choosing one of seven predesigned settings of bass and dynamics and adjusting its level. Enter Ferrum's Sweet Spot Tuning for Impact+.

Gen 2 Spatial Enhancement - You can now independently toggle the spatial effect, select your output mode (Headphones/Speakers), and engage the new Transient Compensation to fine-tune the imaging. Enter Ferrum's Sweet Spot Tuning for Spatial Enhancement.

Next to these great new features you get to keep all features of the original WANDLA (except MQA), like its SERCE DSP module, WANDLA's balanced design, the proprietary amplification, optimized digital inputs, finely tuned DA conversion, Dynamic Digital Filtering, ease of use via WANDLA's touch screen, Ferrum's Streaming Control Technology and 4TSD voltage sensing capabilities when combined with HYPSONS.

We also offer the possibility to turn your **original WANDLA** or **WANDLA HP** into **WANDLA GoldenSound Edition Gen 2** (and back again) using our **Ferrum Converting Plugin** completely free of charge for GoldenSound and original Converting Plugin owners. The GoldenSound Edition Gen 2 Converting Plugin will be available in our shop at www.ferrum.audio/product/wandla-goldensound-edition-converting-plugin/



Specifications Ferrum WANDLA **GoldenSound** Edition **Gen 2** DAC/PREAMP:

Operation:	Fully balanced, proprietary IC line amp	Frequency response:	10 Hz - 200 kHz +/- 0.1 dB analog inputs
DAC chip:	ESS Sabre ES9038PRO	DAC THD:	-121 dB (0.00009 %); THD+N: -115 dB (unweighted)
DAC resolution:	768k/32bit, DSD 512	Analog input THD:	-123 dB @ 2 V RMS level
Digital inputs:	- AES/EBU (up to 192 kHz/24bit, DoP 64) - Optical S/PDIF (up to 96 kHz/24bit) - Coaxial S/PDIF (up to 192 kHz/24bit, DoP 64) - USB-C (up to 768 kHz/32bit, DSD 512) - ARC (up to 192 kHz/24bit), TV input with CEC - I2S (up to 768 kHz/32bit, DSD 512), PS Audio® compatible	Dyn. range analog:	127 dB (A-weighted)
Analog inputs:	RCA	Dyn. range digital:	119 dB (A-weighted)
Analog input Vmax:	9.5 V RMS (2 - 3.5 V RMS recommended)	Crosstalk:	-120 dB for 1kHz, better than -100 dB for 20Hz -20kHz
Analog input imp:	47 kΩ	Output impedance:	22 Ω unbalanced
Line outputs:	balanced XLR; unbalanced RCA	Output impedance:	44 Ω balanced
Volume control:	analogue with bypass option / digital for DAC operation only	Power consumption:	10 W idle / 15 W max
Output level PRO:	@0 dBFS, 1 kHz sine 8 V RMS balanced, 4 V RMS unbalanced	Power inputs:	5.5/2.5 mm DC connector centre positive proprietary FPL 4-pin DC connector (FPL) 22-30 VDC
Output level REDbook:	@0 dBFS, 1 kHz sine 3.5 V RMS balanced, 1.75 V RMS unbalanced	Power adapter:	100-240 VAC to 24 VDC
		Dimensions:	21.7 x 20.6 x 5 cm (WxDxH)
		Remote control:	included
		Weight:	1.8 kg / 3.97 lbs