**PRESS RELEASE**

**Introduction HYPSOS DUAL OUTPUT Power System.**

**HYPSOS gets a sibling.**

***The original HYPSOS changed it all***

As you know, we at Ferrum love to create game-changing products. To do that, you have to start from scratch. This is literally what we did with our first product, HYPSOS. Both the Ferrum strategic team and the R&D department decided it would be best to focus on the very start of any hifi component, the power supply. HYPSOS proved to be a category defining product in many ways. Not only did HYPSOS combine the best of both worlds (linear and switching power supply technology), it also introduced 4TSD, ensuring exact voltage levels at the DC input terminal of the powered device, and SST which enables the user to fine tune the output voltage to the connected device in search of the best sound. Combined with the possibility to choose the correct power settings for the connected devices from its own internal menu, also an industry first, HYPSOS changed the landscape of external power supplies once and for all.

It made sense for Ferrum to continue its journey up the hifi chain. It brought us OOR, our flagship headphone amplifier, ERCO, our entry level DAC and WANDLA, The Converter. What these products have in common is their power requirements. And one of HYPSOS’ features is its enormous power reserves… Do you see it coming?

***HYPSOS DUAL OUTPUT***

These power reserves are so abundantly available that HYPSOS could in fact easily power two devices at the same time, as long as they have the same supply voltage requirements. While we first started offering our Ferrum Power Splitter, we now offer HYPSOS with two power outputs. This means you can now connect two Ferrum devices, for instance OOR and WANDLA (or two other devices with the same power requirements) simultaneously, without the need for another external component and associated cable spaghetti. HYPSOS with double output brings you an extra level of upgradeability at an exciting price point, again proving Ferrum’s journey to change the landscape of high-end audio in relation to affordability is indeed a continuing saga.

*HYPSOS DUAL OUTPUT. Doubling the output without breaking the bank!*

Want to know more about Ferrum, or HYPSOS’ sibling with Dual Outputs? Please surf to www.ferrum.audio at your convenience or interact with us via phone, e-mail, or our social channels.

***HYPSOS DUAL OUTPUT specific key features***

**Hybrid Power System** - linear/switching hybrid design to get the advantages from both techniques - low ripple and noise as well as fast transient response and high efficiency. Now to power two devices simultaneously.

**Easy Setup Procedure** - using pre-configured settings from the list of supported devices or setting custom parameters manually. Wide continuous output voltage range of 5-30V with up to 6A of current delivered to the load, divided over two outputs. Now HYPSOS is even more universal than it already was.

**Sweet Spot Tuning (SST)** - possibility to fine tune the output voltage for the best sound. The voltage level can be safely adjusted on the fly to allow easy comparison testing.

**4T Sensing Design (4TSD)** - ensuring the exact voltage level precisely at the point of the powered device DC input terminal - special cable design and feedback to ensure as constant voltage as possible at every moment. This technique eliminates the harmful effects of the cable’s resistance effectively improving transient response.

**Advanced Automation** - compatibility with Apple TV remote, Trigger in/out connector; possibility to automate power-up of the devices with standby mode even without dedicated trigger connection.

**Extremely Safe to Use** - Automatic Transformer Voltage Adjust (ATVA), electronic output voltage polarity switch and overvoltage, current limit and short protection.

**Detailed and revealing yet unfatiguing sound** - makes your current audio setup perform to its potential. Tweak the sound modifying the voltage level on the fly and use the preferred combination of the 4-Terminal Sensing and Spread Spectrum Mode settings.

**HYPSOS Dual Output** - comes with a high quality DC power cable fitted to order to connect to the most commonly used DC inputs. Custom cables can be made to order.

**Specifications Ferrum HYPSOS DUAL OUTPUT Power System**

Power input: 110-120 & 220-240V AC/50-60Hz (EU/US Version)

90 – 110Vac/50-60Hz (JP Version) IEC C14 power inlet, a fuse holder with power on/off switch plus two-stage EMI filter for low impedance load with better noise attenuation in low frequency applications

Mains cable: US/EU/UK

DC OUT cable: 5 × 2.5mm DC plug or 5 × 2.1mm DC plug. Custom cables made to order

at additional cost

Voltage, current and power specifications showed below are for both outputs combined. Same voltage is shared on both outputs. Current and power are combined from both outputs. 4TSD functionality is only active on the main output.

Output Voltage Range: 5-30 [V], devided over two putputs

Max Continuous Output Current (for V\_out below 13,3V):

6 [A]

Max Continuous Output Current (for V\_out higher than 13,3V):

l\_out= 80[W] / DCout[V]

Maximum Impulse Current: 9A

Maximum Impulse Power: DC V\_out\*9A (270W for 30V)

Max Continuous Output Power (for V\_out below 13,3V):

P\_out = V\_out[V] \* 6[A]

Max Continuous Output Power (for V\_out higher than 13,3V):

80W

Dimensions (W x D x H, mm / inches, without knob, feet and connectors)

217.5 x 206.5 x 50.0 / 8.6 x 8.1 x 2.0

Net weight (kg / lb): ~ 3.05 / ~ 6.72

Primary winding fuse: IEC 5x20mm, 250V 3.15A, slown-blown for Japan /

250V 2A, slown-blown for Europe and US version

Secondary winding fuse: Littefuse 154004T, 4A

Power consumption: 230VAC, 50Hz @ 12VDC out/: Idle – 6VA @ 15W load – 30,7VA @ 60W load – 98VA @ 80W load – 133,9V

Price (EUR/USD): 1395

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 HYPSOS, 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 ERCO, 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. Now our HYPSOS DUAL OUTPUT carries the audio dream even further. 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 please contact Magdalena Konarska at media@ferrum.audio*