

Technical Specification

VorzAMP Pure II+™, has the built and sound quality expected of every VorzAmp. Besides being true to its name in being an amplifier that is the dream of the Purist, this upgraded and enhanced version has a power circuitry for higher efficiency, reliability and even lower noise. A faster charging system coupled with improved audio circuitry, lessens downtime, and provides longer play time for your continuous listening pleasure. Peace of mind that the battery life does not drain unnoticed, the VorzAmp Pure II+ comes with the new Power indicators (displaying ~40% and 15-10% of battery life).

Like the predecessor, it is high performance, ultra-low distortion, high fidelity amplifier with its 3 gain settings is designed to capture the whole spectrum of earphones devices, from the sensitive and precision IEMs to the power hungry professional Headphones.

Through our handcrafted assembly, stringent testing and audio matching procedures our boutique company is able to ensure high hardware quality. VorzAMP Pure II+™ is a completely analogue system, possess strong dynamics, clean sound and crisp vocal, deep black background with excellent instrument separation and placing – it is indeed the unique boutique amplifier for the Purist.



Impedances:

Input impedance	13 k Ω
Output Impedance	<0.1 Ω
Headphone impedance	8 Ω - 600 Ω

Audio:

BW	15Hz - 100kHz	\pm 0.2 dB
SNR	>110 dB	32 Ω ; 0.1W
THD + N	<0.0008 %	0Hz–20kHz; 0.2W battery operated
Slew rate	2000V/ μ s	
DC stop filter	Yes	
Gain	0,89	-1 dB
	2,5	8 dB
	5,4	15 dB
		Gain: Low
		Gain: Middle
		Gain: High

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Output:

Maximum Voltage RMS	3,2 Vrms	
Maximum Voltage swing	9 V	
Maximum output Current	250 mA x2	
Output power RMS	250,0 mW x2	Load of 8 Ω
	500,0 mW x2	Load of 16 Ω
	568,9 mW x2	Load of 18 Ω
	320.0 mW x2	Load of 32 Ω
	160.0 mW x2	Load of 64 Ω
	34.1 mW x2	Load of 300 Ω
	17.1 mW x2	Load of 600 Ω

Battery:

Play time	11 hours	
Charging time	2.5 hours	
Micro USB charge current	≥900mA	≥USB2.0
Charge cycles	≥500	

Product Casing:

Total weight	130g	
case coating	Extra tough powder coated	
Shielding	Full grounded aluminum case	
Color	Ivory Pearl / Signal Black	
Size	83 x 66 x 18 [mm ³]	Slim design

Components:

RoHS	Yes
Resistors	Precision metal film
Signal path Capacitors	None
Pad	Gold plated
Connects	Silver-Gold Solder

Included:

Audio Equipment:	VorzAMPPure II+™ VorzKABEL™ USB Charger USB cable	With Battery 3.5mm Audio jack 5V, 1A Micro USB
Documentation:	User-Guide Technical Specification	
Certification:	Warranty Card	
Others:	Protective pouch	
Box Size:	17.5 x 15.5 x 7.5 [cm ³]	
Box weight:	450 g	Fully loaded