

SPECIFICATION

	VORTEX 2.6	VORTEX 4	VORTEX 6	VORTEX 200V*
Output Power				
1 kHz, THD ≤ 0,1 %, in mono-bridge mode	1 x 2600 W @ 4 Ω 1 x 1500 W @ 8 Ω	1 x 4000 W @ 4 Ω 1 x 3000 W @ 8 Ω	1 x 6000 W @ 4 Ω 1 x 4200 W @ 8 Ω	1 x 6400 W @ 8 Ω 1 x 3800 W @ 16 Ω
1 kHz, THD ≤ 0,1 %, both channels driven Duration limited by fuse / thermal protection for RL < 8 Ω in stereo mode or RL < 16 Ω in mono-bridge mode. Measurement at 2 Ω without preconditioning (EN 60268-3)	2 x 1300 W @ 2 Ω 2 x 750 W @ 4 Ω 2 x 450 W @ 8 Ω	2 x 2000 W @ 2 Ω 2 x 1500 W @ 4 Ω 2 x 920 W @ 8 Ω	2 x 3000 W @ 2 Ω 2 x 2100 W @ 4 Ω 2 x 1200 W @ 8 Ω	2 x 3200 W @ 4 Ω 2 x 1900 W @ 8 Ω 2 x 1000 W @ 16 Ω
1 kHz, THD ≤ 1 %, both channels driven	2 x 1500 W @ 1,8 Ω			
Circuitry	Bipolar, Class H 2-step high efficiency circuit	Bipolar, Class H 3-step high efficiency circuit	Bipolar, Class H 3-step high efficiency circuit	Bipolar, Class H 3-step high efficiency circuit
Signal to Noise-Ratio				
20 Hz - 20 kHz, 8 Ω, unweighted	>103 dB	>105 dB	>107 dB	>109 dB
A-weighted	>106 dB	>108 dB	>110 dB	>112 dB
Power Consumption @ 230 V (both channels driven)				
	Typical ¹⁾ Max ²⁾	Typical ¹⁾ Max ²⁾	Typical ¹⁾ Max ²⁾	Typical ¹⁾ Max ²⁾
Idle	1 A 60 W	0,8 A 50 W	1 A 60 W	1,1 A 60 W
8 Ω	3 A 320 W	4,4 A 550 W	5,5 A 700 W	5,1 A 560 W
4 Ω	4,3 A 510 W	6,5 A 880 W	8 A 1100 W	8 A 1000 W
1,8 Ω	7,2 A 1005 W	10 A 1450 W	12 A 1800 W	12 A 1700 W

Multiply currents by 2 for 120 V / Multiply currents by 2,3 for 100 V
¹⁾ 1/8 of max Output Power with pink noise to represent typical music signal
²⁾ max. rated Output Power (see above)

* VORTEX 200V Output Power @ THD ≤ 1 %

Frequency Range	20 Hz - 20 kHz ± 0,15 dB 8 Ω, 10 dB below rated power
Input Impedance	40 kΩ balanced
Voltage Gain	selectable: 26 dB, 32 dB, or 1,4 V input sensitivity
Protection Circuits	inrush-current limitation, temperature monitoring of transformers and heat-sinks, output DC protection, SOA protection, output over current protection, under impedance limiter, intelligent mains fuses protection
Limiter	switchable clip- and speaker protect limiter
Fan	2 temperature dependent speed-controlled axial fans
Ground Lift	input ground lift switch on back panel
Indicators	LEDs for On, Signal, Clip, Mode, indicating additionally Output Current and faults such as DC and High Temperature
Input Connectors	3-pin XLR, male and female per channel, pin 2 = hot (inphase)
Output Connectors	one 4-pole SPEAKON connector for each output channel (wired using 2 channel cable)
Modes of Operation	Stereo, Mono-Bridge and Parallel-Mono
Options	Extended User Interface / E.U.I.2 – modules for any kind of EQ
THD+N (typical) 20 Hz - 10 kHz, 8 Ω, 10 dB below rated power	< 0,01 %
SMPTE (typical) 20 Hz - 20 kHz, 8 Ω load, 10 dB below rated power	< 0,01 %
Damping Factor 8 Ω, 1 kHz and below	> 400
Dimensions (WxHxD)	483 x 88,9 x 422 mm (19", 2U)
Net Weight	12,4 kg
Shipping Dimensions (WxHxD)	615 x 135 x 540 mm (0,045 m³)
Shipping Weight	15 kg

We reserve the right to make technical alterations without prior notice