

<p>Output Power 1 kHz, THD ≤ 1%, in dual channel operation <small>typical values @ 230 V / 50 Hz duration limited by fuse/thermal protection for RL < 8 Ω</small></p>	<p>1250 W @ 16 Ω 2300 W @ 8 Ω 4000 W @ 4 Ω 5100 W @ 2 Ω</p>								
<p>Peak Output Power 1 kHz, single sine wave in dual channel operation <small>typical values, may be subjected to component tolerances</small></p>	<p>1250 W @ 16 Ω Peak 2500 W @ 8 Ω Peak 4900 W @ 4 Ω Peak 5300 W @ 2 Ω Peak</p>								
<p>Mono Bridge and Parallel Mono Operation Output Power 1 kHz, THD ≤ 1%, in mono bridge operation <small>typical values @ 230 V / 50 Hz duration limited by fuse/thermal protection for RL < 16 Ω</small></p>	<table border="1"> <thead> <tr> <th>Mono Bridge</th> <th>Parallel Mono</th> </tr> </thead> <tbody> <tr> <td>4600 W @ 16 Ω</td> <td>4600 W @ 4 Ω</td> </tr> <tr> <td>8000 W @ 8 Ω</td> <td>8000 W @ 2 Ω</td> </tr> <tr> <td>10200 W @ 4 Ω</td> <td>10200 W @ 1 Ω</td> </tr> </tbody> </table>	Mono Bridge	Parallel Mono	4600 W @ 16 Ω	4600 W @ 4 Ω	8000 W @ 8 Ω	8000 W @ 2 Ω	10200 W @ 4 Ω	10200 W @ 1 Ω
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<p>1 kHz, single sine wave in mono bridge operation <small>typical values, may be subjected to component tolerances</small></p>	<table border="1"> <tbody> <tr> <td>5000 W @ 16 Ω Peak*</td> <td>5000 W @ 4 Ω Peak*</td> </tr> <tr> <td>9800 W @ 8 Ω Peak*</td> <td>9800 W @ 2 Ω Peak*</td> </tr> <tr> <td>10600 W @ 4 Ω Peak*</td> <td>10600 W @ 1 Ω Peak*</td> </tr> </tbody> </table>	5000 W @ 16 Ω Peak*	5000 W @ 4 Ω Peak*	9800 W @ 8 Ω Peak*	9800 W @ 2 Ω Peak*	10600 W @ 4 Ω Peak*	10600 W @ 1 Ω Peak*		
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<p>Circuitry</p>	<p>Hybrid Class H</p>								
<p>Signal to Noise-Ratio <small>22 Hz-20 kHz, 4 Ω load</small></p>	<p>> 107 dB (unweighted) > 110 dB (A-weighted)</p>								
<p>Power consumption @ 230 V <small>* both channels driven at 550 W output power (approx. 1/3 of max. THD limited output power with pink noise to represent typical music signal)</small></p>	<p>Amplifier standby (power off): 8 W Idle (Amp powered on): 60 W 4 Ω: 1900 W* 2 Ω: 2100 W*</p>								
<p>Maximum output voltage <small>in dual channel operation: typical values, may be subjected to component tolerances</small></p>	<p>± 200 V peak</p>								
<p>Maximum output current <small>in dual channel operation: typical values, may be subjected to component tolerances</small></p>	<p>± 72 A peak</p>								
<p>Frequency Response <small>@ 4 Ω load with 120 W output power</small></p>	<p>20 Hz-20 kHz: ± 0,07 dB</p>								
<p>THD+N over frequency <small>@ 4 Ω load with 120 W output power</small></p>	<p>20 Hz-17 kHz: <0,1%</p>								
<p>Damping Factor <small>8 Ω load, 1 kHz and below</small></p>	<p>>400</p>								
<p>Input Impedance</p>	<p>22 kΩ balanced</p>								
<p>Input Gain</p>	<p>Selectable: 26 dB, 32 dB or 1,4 V input sensitivity</p>								
<p>Maximum Analogue Differential Input Level</p>	<p>+22 dBu/9,75 Vrms/13,8 Vp</p>								
<p>Level Attenuation</p>	<p>0 dB to -127,5 dB in increasing step width, from 0,5 dB (high end, 0 dB) to 20 (low end, -127.5 dB)</p>								
<p>Minimum Loudspeaker Load Impedance <small>lower values are safe, but out of specification no performance guarantees can be given when driving lower impedances than specified</small></p>	<p>Zmin = 2 Ω for Dual-Channel operation Zmin = 1 Ω for Parallel Mono operation Zmin = 4 Ω for Mono Bridge operation</p>								
<p>Protection Circuits</p>	<p>Inrush-current limitation, protection circuits against power on/off transients, temperature monitoring of transformers and heatsinks, output DC protection, temperature dependent SOA protection, intelligent mains fuse protection, SMPS overload protection, overcurrent limitation, thermal limitation</p>								
<p>Limiters</p>	<p>Selectable Clip Limiter, selectable FuseProtect Limiter</p>								
<p>Cooling</p>	<p>Two temperature dependent speed-controlled axial fans</p>								
<p>LED Indicators</p>	<p>LEDs for Input Selection, Output Mode, Clip, Signal, Device Identification, DSP, and Uman</p>								
<p>Input Connectors</p>	<p>Two 3-pin XLR female analogue input connectors, pin 2 = hot (inphase) Two 3-pin XLR male passive loop through connectors One 3-pin XLR female AES (digital) input connector Two Uman network connectors (in and out) etherCON® RJ45 One Ethernet Link connector RJ45</p>								
<p>Power Output Connectors</p>	<p>One 4-pole SPEAKON® connector for each output channel (bi-amping possible)</p>								
<p>Modes of Operation</p>	<p>Dual channel (Stereo), mono bridge and parallel mono</p>								
<p>Input Sources</p>	<p>Analogue, AES, Uman network</p>								
<p>A/D-D/A Converters</p>	<p>24 bit/96 kHz</p>								