

	<b>D-POWER 05</b>	<b>D-POWER 1</b>
<b>Output Power</b> 1 kHz, THD $\leq$ 1 %, in dual channel operation duration limited by thermal protection	2 x 250 W @ 4 $\Omega$ 2 x 125 W @ 8 $\Omega$	2 x 500 W @ 4 $\Omega$ 2 x 250 W @ 8 $\Omega$
<b>Peak Output Power</b> 1 kHz, single sine wave in dual channel operation	480 W @ 4 $\Omega$ 240 W @ 8 $\Omega$	800 W @ 4 $\Omega$ 400 W @ 8 $\Omega$
<b>Output Power Mono Bridge</b> 1 kHz, THD $\leq$ 1 % duration limited by thermal protection	1 x 500 W @ 8 $\Omega$ 1 x 250 W @ 16 $\Omega$	1 x 1000 W @ 8 $\Omega$ 1 x 500 W @ 16 $\Omega$
<b>Circuitry</b>	MOSFET, Class D	
<b>Signal to Noise-Ratio</b> 20 Hz - 20 kHz, 8 $\Omega$ load, unweighted A-weighted	>110 dB >114 dB	>111 dB >115 dB
<b>Power consumption @ 230 V</b> Idle Amp switched on, no signal		0,3 A 23 W
<b>Typical</b> @ 1/8 of max output power with pink noise to represent typical music signal, both channels driven	1,0 A 120 W	1,6 A 200 W
<b>Maximum output voltage</b> in dual channel operation	$\pm$ 62 V peak	$\pm$ 80 V peak

**Minimum Loudspeaker Load Impedance**  
lower values are safe, but out of specification

Zmin = 4  $\Omega$  for Dual Channel operation  
Zmin = 8  $\Omega$  for Mono Bridge operation

**Frequency Response**  
8  $\Omega$  load with 50 W output power

20 Hz - 20 kHz +0 dB/-0,5 dB

**THD+N (typical)**  
20 Hz - 6 kHz, 8  $\Omega$  load, with 50 W output power

< 0,05 %

**SMPTE (typical)**  
8  $\Omega$  load, 10 dB below rated power

< 0,01 %

**Damping Factor**  
8  $\Omega$  load, 1 kHz and below

> 400

**Input Impedance**

14 k $\Omega$  balanced

**Voltage Gain**

26 dB

**Protection Circuits**

Inrush-current limitation, temperature monitoring of heatsink, output DC protection  
output over current protection, SMPS over current protection

**Limiter**

Fixed clip limiter

**Cooling**

One temperature dependent axial fan

**Operating Temperature**

0° C - 50° C

**Indicators**

LEDs for Power-ON, Signal/Protect, Output Current, Clip and Mono Bridge

**Input Connectors**

Two 3-pin XLR female/6,3 mm Jack hybrid connectors, pin 2 = inphase (hot)  
Two 6,3 mm Jack connectors, tip = inphase (hot)

**Output Connectors**

Two 4-pole SPEAKON® connectors, one for each output channel (bi-amping possible)

**Modes of Operation**

Dual Channel (Stereo), Mono Bridge

**AC mains**

Dual-voltage SMPS with automatic voltage range selection 230 V/120 V, 50-60Hz  
Operating voltages: 230 V range: 170-265 V, 120 V range: 85-138 V

**Dimensions (WxHxD)**

483 x 88,1 x 250 mm (19", 2U)

**Net Weight**

5,7 kg

**Shipping Dimensions (WxHxD)**

540 x 135 x 390 mm (0,028 m<sup>3</sup>)

**Shipping Weight**

7,1 kg

*We reserve the right to make technical alterations without prior notice*