



# DA4280

Four channels of amplification delivers a solid 280W each at 8ohms



## INTRODUCTION

Procella's DA4280 power amplifier provide affordable, versatile, and reliable high-performance audio power. Defining the standard in amplification for Procella loudspeakers and subwoofers, the DA4280 gives users a powerful platform to enable uncompromised performance with a Procella Audio speaker system. This high-efficiency class-D amplifier has extraordinary sound quality with enormous power reserves. As you would fully expect from Procella, the DA4280's sound quality is utterly transparent, with an extremely wide dynamic range and robust low-frequency impact. Four channels of amplification deliver a solid 280W each at 8 ohms.

## TECHNICAL SPECIFICATIONS

<b>Output power @ 4<math>\Omega</math>/8<math>\Omega</math></b> All channels driven	4x 280W	<b>Operating Voltage/Frequency</b>	Universal Mains 100-240V, 50-60Hz
<b>Output power @ 16<math>\Omega</math></b> All channels driven	4x 140W	<b>Power Consumption</b>	300W
<b>Max. Output current</b>	25A peak	<b>Standby Consumption</b>	<0.5 W (Energy Star & ErP 1275/2008/EC compliant)
<b>Output Circuitry</b>	UMACTM Class D - full bandwidth PWM modulator with ultra-low distortion	<b>Power Ratings</b>	1% THD @ 120VAC and 230VAC
<b>Signal To Noise-Ratio</b>	>100 dB A-weighted, 20 Hz-20 kHz, 8 $\Omega$	<b>Standby</b>	Automatic or via GPIO connecting to ground
<b>THD+N (typical)</b>	<0.05% (20 Hz - 20 kHz, 8 $\Omega$ load 3 dB below rated power)	<b>Carton content</b>	Mains power cable 4x XLR to Euroblock cables Input connector 4x GPIO socket connector Output connector 4x Adhesive rubber feet 4x User guide
<b>Frequency Response</b>	20 Hz - 20 kHz (+0/-0.25 dB 8 $\Omega$ load, 3 dB below rated power)	<b>Accessories</b>	2x Rear supports
<b>Protection Circuits</b>	Short circuit protection, DC protection under voltage protection temperature protection overload protection	<b>Dimensions</b> W x D x H Net weight	440 x 292 x 44 mm 17,3" x 11,5" x 1,7" 3,6 Kg / 7,9 Lbs
<b>Power Supply</b>	URECTM universal mains switch mode power supply with Power Factor Correction (PFC) and integral standby converter	<b>Shipping Carton</b> W x H x D Shipping weight	600 x 370 x 100 mm 23,62" x 14,57" x 3,94" 5 Kg / 11.2 Lbs
		<b>Assembly</b>	Manufactured in Denmark by Pascal A/S