



# DA08-DSP

Procella's ultimate high-power amplifier with 4x800W or 2x3200W at 8ohm  
Factory presets optimize performance of Procella's speakers and subwoofers



## INTRODUCTION

This massive output power amplifier has the horsepower to bring out every ounce of performance designed into each of Procella's high-output speaker and subwoofer models. Procella's DA08-DSP can be used as a four-channel amplifier to produce 4x800W (8 ohms) and 4x1600W (4 ohms), but switch to bridge mode, and it will deliver 2x3200W (8 ohms) and 2x5800W (4 ohms)! In a single rack unit, this power station ensures maximum output and dynamic range, especially for Procella subwoofers. 16 factory presets enable multiple configurations with Procella's high output speakers and subwoofers.

## TECHNICAL SPECIFICATIONS

<b>Output power</b> (THD+ N=1%, 1kHz continue sine wave, all channel driving)	4x 800W at 8 ohms 4x 1.600W at 4 ohms 4x 2.900W at 2 ohms
<b>Output power (bridged)</b> (THD+ N=1%, 1kHz continue sine wave, all channel driving)	2x 3.200W at 8 ohms 2x 5.800W at 4 ohms
<b>Max. Output current</b>	45A peak
<b>Signal To Noise-Ratio</b>	>105 dB (default gain, A-weighted, 20 Hz-20 kHz, 8 Ω)
<b>THD+N (typical)</b>	<0.05% (20 Hz - 20 kHz, 8 Ω load 3 dB below 10% rated power)
<b>Frequency Response</b>	20 Hz - 20 kHz (+0/-0.5 dB 8 Ω load, 3 dB below rated power)
<b>Protection Circuits</b>	Short circuit protection, DC protection Limiter Under voltage protection Over temperature protection Overload protection
<b>Power Supply</b>	Global Power Supply with APFC (Active Power Factor Correction)

<b>Operating Voltage/Frequency</b>	Universal Mains 90-260V, 50-60Hz
<b>Power Consumption All channels driven</b>	idle 60W, 1/8 full power 695W
<b>DSP For all channels</b>	Level, Parametric eq, Delay, matrix limiter and FIR filter
<b>Carton content</b>	Mains power cable Adhesive rubber feet 4x User guide
<b>Dimensions</b> W x H x D Net weight	483 x 45 x 370 mm (1U) 19" x 1.7" x 14.6" 9,0 Kg / 19,8 Lbs
<b>Shipping Carton</b> W x H x D Shipping weight	570 x 135 x 515 mm 22,44" x 5,31" x 20,28" 10 Kg / 22.05 Lbs
<b>Certification</b>	FCC, CE and CCC
<b>Assembly</b>	Designed by Procella Audio Manufactured in China