



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

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

Operating Voltage/Frequency	Universal Mains 90-260V, 50-60Hz
Power Consumption All channels driven	idle 60W, 1/8 full power 695W
DSP For all channels	Level, Parametric eq, Delay, matrix limiter and FIR filter
Carton content	Mains power cable Adhesive rubber feet 4x User guide
Dimensions 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
Shipping Carton 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
Certification	FCC, CE and CCC
Assembly	Designed by Procella Audio Manufactured in China