DA08-DSP

SOUND PROCELLA PERFECTED

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 4x1,600W (4 ohms), but switch to bridge mode, and it will deliver 2x3,200W (8 ohms) and 2x5,800W (4 ohms)! In a single rack unit, this power station ensures maximum output and dynamic range, especially for Procella subwoofers. 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 8 ohms
Max Output Current	45A peak
Signal to Noise-Ratio	>105 dB (default gain, A-weighted, 20-20,000Hz, 8 Ω)
THD+N (typical)	<0.05% (1kHz continue sine wave, all channels driving)
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
Operating Voltage/Frequency	Universal Mains 90-260V, 50-60Hz
Power Consumption For all channels	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 Euroblock output connectors User guide / Adhesive rubber feet 4x
Dimensions WxHxD Net Weight	483 x 45 x 370 mm (1U) 19" x 1.75" x 14.6" 9.0 Kg / 19.8 Lbs
Shipping Carton WxHxD Net Weight	570 x 135 x 515 mm 22.44" x 5.31" x 20.28" 10 Kg / 22.05 Lbs
Certification	FCC and CE
Assembly	Designed by Procella Audio Manufactured in China



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