DA03-DSP

SOUND PERFECTED

PROCELLA

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 DA03-DSP can be used as a four-channel amplifier to produce 4x280W (8 ohms) and 4x500W (4 ohms), but switch to bridge mode, and it will deliver 2x1,050W (8 ohms)! In a single rack unit, this power station ensures maximum output and dynamic range, especially for Procella Full-range loudspeakers. 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 280W at 8 ohms 4x 500W at 4 ohms
Output Power (bridged) (THD+ N=1%, 1kHz continue sine wave, all channel driving)	2x 1,050W at 8 ohms
Max Output Current	25A peak
Signal to Noise-Ratio	>104 dB (default gain, A-weighted, 20-20,000Hz, 8 Ω)
THD+N (typical)	<1% (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 40W, 1/8 full power 195W
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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