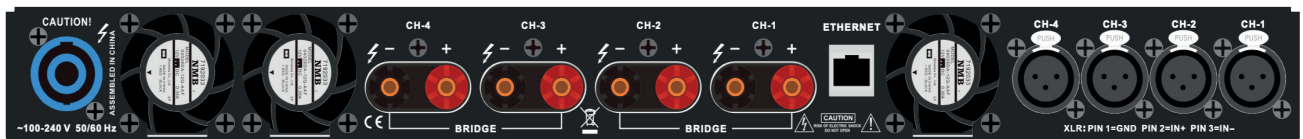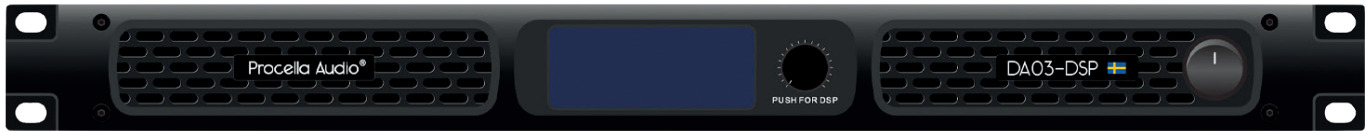# DA03-DSP

Procella's ultimate high-power amplifier with 4x280W or 2x1.050W at 8ohms
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 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. 24 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	**Operating** **Voltage/Frequency**	Universal Mains 90-260V, 50-60Hz
Output power (bridged) (THD+ N=1%, 1kHz continue sine wave, all channel driving)	2x 1.050W at 8 ohms	**Power Consumption** **All channels driven**	idle 40W, 1/8 full power 195W
Max. Output current	25A peak	**DSP** **For all channels**	Level, Parametric eq, Delay, matrix limiter and FIR filter
Signal To Noise-Ratio	>104 dB (default gain, A-weighted, 20 Hz-20 kHz, 8 Ω)	**Carton content**	Mains power cable Adhesive rubber feet 4x User guide
THD+N (typical)	<1% (1kHz continue sine wave, all channels driving)	**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
Frequency Response	20 Hz - 20 kHz (+0/-0.5 dB 8 Ω load, 3 dB below rated power)	**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
Protection Circuits	Short circuit protection, DC protection Limiter Under voltage protection Over temperature protection Overload protection	**Certification**	FCC and CE
Power Supply	Global Power Supply with APFC (Active Power Factor Correction)	**Assembly**	Designed by Procella Audio Manufactured in China