

SDA-1700

Class D Subwoofer Amplifier



SYNTHESIS®



Product Overview

The SDA-1700 is a custom amplifier solution, optimized for the highest level of performance and reliability. This rackmount amplifier includes user features on the front panel, and a custom installer focused feature set on the rear panel. As part of JBL Synthesis custom in-wall subwoofer system, this rack mountable Class D component is designed to power the SSW-4 in-wall subwoofer.

Highlights

- Connect up to two SSW-4 Subwoofers with each SDA-1700 Amplifier
- 2 EQ modes (Customized for in-wall subwoofers)
- User-adjustable Single-band Equalization
- Low distortion and low noise
- Short-circuit and over-current protection
- Over-temperature compensation
- Automatic signal sensing Turn-On and Turn-Off

Specifications

Rated Output Power (RMS) into the minimum impedance of 4 Ohms:	700Watts
Peak power:	1500W
Rated impedance:	8Ohms per speaker output
Minimum load impedance:	4Ohms
Model-Specific EQ:	1: Only for JBL SYNTHESIS SSW-4 2: Only for JBL C82W
Input Sensitivity to 1W @ 50Hz:	16.3mVrms +/- 1dB (Single input driven) Gain=41.7dB
Input Overload (Both inputs driven):	≥ 2.0Vrms
Input Impedance:	> 10K Ohms
Low Pass Crossover range:	50-150Hz
Auto Turn On Input Sensitivity @ 50Hz:	Typical 10mV
THD+N at 1W:	< 0.3%
THD+N at Rated Output Power:	< 1%
Signal-to-Noise ratio to 1W:	> 65dBA
Minimum AC Mains power requirements:	100-120VAC-50-60Hz Model: 700W, 5A 230VAC-50-60Hz Model: 700W, 3A
Power consumption (Standby):	0.5W
Dimensions (H x W x D)	3.50 x 17 x 11.04 in (88.90 x 431.8 x 280.3 mm)
Weight:	14Lb (6.35Kg)

Dimensions

