

QUICK SPECS

B28W In-wall Subwoofer and SA1000 Amplifier



Features

System Highlights:

- Completes in-wall/in-ceiling solutions for music and home theater systems
- Connect up to two B28W Subwoofers with each SA1000 Amplifier
- Designed to fit standard 2 x 4 stud frame construction
- Self-contained subwoofer module with integrated back-box allows for easy retrofit installations

B28W In-Wall Subwoofer Highlights:

- Dual 8" (200mm) low-profile, long-throw, Klippel-optimized, metal cone woofers
- Front-firing drivers with sealed back box for superior acoustic tuning
- Gold-plated speaker terminals
- Zero-bezel, magnetically-attached grille

SA1000 Amplifier Highlights:

- User-adjustable Single-band PEQ – Room Equalization
- Short-circuit and over-current protection
- Over-temperature compensation
- Two dual-banana output connectors for easy connection

Specifications

B28W In-wall Subwoofer

Model	B28W
Description	In-wall subwoofer
Driver Complement	Dual 8" Polymer-coated Aluminum Cone Rubber-Surround woofers
Frequency Response	(-6dB) 36Hz – 150Hz, using the SA1000 SPL (CEA2010B) 107dB
Nominal Impedance	8 Ohm
Required Amplifier	Revel® SA1000 Amplifier, in EQ Switch Position Type 2 Sensitivity Variable, using the SA1000
Mounting Cutout Size (H x W)	23-1/2" x 14-1/2" (596.9mm x 368mm)
Height	25-3/8" (645mm)
Width	16-1/2" (419mm)
Depth	4" (102mm)
Weight per speaker	28.4 lb (12.9kg)

SA1000 Amplifier

Model	SA1000
Description	Amplifier
Rated Output Power (RMS) into the minimum impedance of 4 Ohms:	700 Watts (350W per Subwoofer)
Peak Power	1500 Watts (750W per Subwoofer)
Rated Impedance	8 Ohms per speaker output
Minimum load Impedance	4 Ohms
Model-Specific EQ	1: Only for Revel B28C; 2: Only for Revel B28W
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 Model: 700W, 3A	230VAC-50-60Hz
Power consumption (Standby)	0.5W
Height	3.50in (88.90mm)
Width	17in (431.8mm)
Depth	11.04in (280.3mm)
Weight	14 lb (6.35kg)

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