

PROFESSIONAL POWER AMPLIFIER DB SERIES

Professional Power Amplifier DB900 | DB1200 | DB1500 | DB2000

Representing the high-power expansion of the DB Sound DB series, this sophisticated lineup of 2-channel power amplifiers is meticulously engineered to provide exceptional audio performance across a diverse range of demanding applications. The series comprises four high-output models tailored to varying power demands: the DB900 delivers a substantial 2 X 900W; the DB1200 elevates output to 2 X 1200W; the DB1500 further increases delivery to 2 X 1500W; and the flagship DB2000 boasts an impressive 2 X 2000W, with all ratings sustained at a stable 4-ohm impedance. A key distinguishing feature of these amplifiers is the incorporation of advanced Class H circuitry, a design choice that significantly enhances both operating efficiency and heavy-duty power delivery.

Housed within a rugged 2U chassis, the DB series amplifiers are outfitted with a comprehensive suite of protective features to guarantee long-term operational longevity and absolute user safety. These critical safeguards encompass DC protection to effectively prevent damage from direct current anomalies, short circuit prevention to guard against severe electrical overloads, overheat protection to diligently maintain optimal operating temperatures, and a soft-start function engineered to mitigate sudden power surges during system activation. Complete with industry-standard speakON outputs, clear LED front-panel indicators (Signal, Protect, Clip, Limiter), and balanced inputs, this formidable family of amplifiers stands as an exemplary choice for a broad spectrum of high-demand music playback, immersive audio applications, portable AV setups, and large-scale installed sound reinforcement.



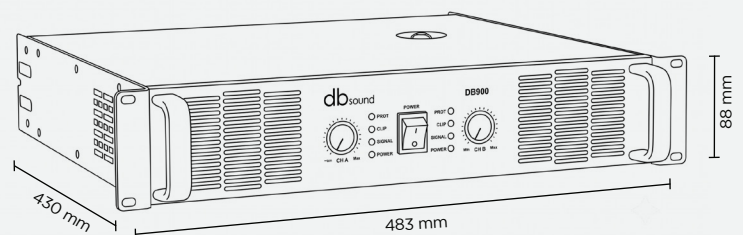
APPLICATIONS

A/V Portable	Music Reproduction	Pro Audio Installs
Commercial Cinema Applications	Installed Sound reinforcement	



SPECIFICATIONS

MODEL	DB900	DB1200	DB1500	DB2000
Output 8Ohms 1KHz0.1% THD stereo Mode	2 x 600W	2 x 800W	2 x 1000W	2 x 1300W
Output 4Ohms 1KHz0.1% THD stereo Mode	2 x 900W	2 x 1200W	2 x 1500W	2 x 1950W
Output 8Ohms 1KHz0.1% THD bridge Mode	1800W	2400W	3000W	3900W
Signal / noise	105dB	105dB	105dB	105dB
Slew Rate	40v/μs	40v/μs	40v/μs	40v/μs
Damping factor	>550 at 8Ω	>550 at 8Ω	>550 at 8Ω	>550 at 8Ω
Power Supply	230V 50/60Hz	230V 50/60Hz	230V 50/60Hz	230V 50/60Hz
Input Sensitivity	0.77V, 1.44V	0.77V, 1.44V	0.77V, 1.44V	0.77V, 1.44V
Frequency Response At 1 Watt into 8 Ohm	±0.5dB, 20Hz -20KHz	±0.5dB, 20Hz -20KHz	±0.5dB, 20Hz -20KHz	±0.5dB, 20Hz -20KHz
THD	≤0.05% @ 8Ω 2KHz	≤0.05% @ 8Ω 2KHz	≤0.05% @ 8Ω 2KHz	≤0.05% @ 8Ω 2KHz
Height	2U Chassis	2U Chassis	2U Chassis	2U Chassis
Input Impedance	20KΩ Balanced or 10KΩ Unbalanced	20KΩ Balanced or 10KΩ Unbalanced	20KΩ Balanced or 10KΩ Unbalanced	20KΩ Balanced or 10KΩ Unbalanced
Crosstalk at Rated Output 8 Ohms 1kHz	>100 at 8Ω 1 KHz	>100 at 8Ω 1 KHz	>100 at 8Ω 1 KHz	>100 at 8Ω 1 KHz
Circuit Type	CLASS H+	CLASS H+	CLASS H+	CLASS H+
Indicators	Signal, Protect, Clip, Limiter	Signal, Protect, Clip, Limiter	Signal, Protect, Clip, Limiter	Signal, Protect, Clip, Limiter
Dimensions (H x W x D)	88 x 483 x 430 mm (2U)	88 x 483 x 430 mm (2U)	88 x 483 x 430 mm (2U)	88 x 483 x 430 mm (2U)
Weight	14.8 Kgs	18.5 Kgs	18.5 Kgs	20 Kgs



FEATURES



Chassis Design



Class H+ Design



Amplifier



speakON Outputs