

MULTICHANNEL POWER AMPLIFIER KS SERIES

Multichannel Power Amplifier | KS904 | KS1204 | KS2004

Representing a pinnacle of professional audio engineering, this high-output series of 4-channel power amplifiers is meticulously crafted to meet the rigorous demands of modern sound reinforcement. The Sider Fusion KS series comprises three distinct models engineered to scale with your power requirements: the KS904 delivers a substantial 4 X 900W, the KS1204 offers an impressive 4 X 1200W, and the flagship KS2004 provides a formidable 4 X 2000W, all sustained into a stable 4 Ohm load. Central to their exceptional performance is advanced Class H+ circuitry, a sophisticated design that maximises sonic fidelity and dynamic impact whilst minimising energy consumption and operational heat.

Housed within a space-saving 2U chassis, these amplifiers facilitate seamless integration into diverse rack configurations, making them equally suited for intimate setups and expansive auditoriums. To ensure absolute longevity and consistent audio delivery under challenging conditions, the series features a comprehensive protection suite including DC Protect, Short Circuit Protection, Overheat Protection, and Soft Start Operation. Complete with flexible connectivity—comprising XLR balanced inputs, Neutrik NL4 speakON sockets, and traditional binding posts—this versatile multi-channel lineup stands as the ideal choice for demanding applications in commercial cinemas, premium home theatres, and high-performance installed sound environments.



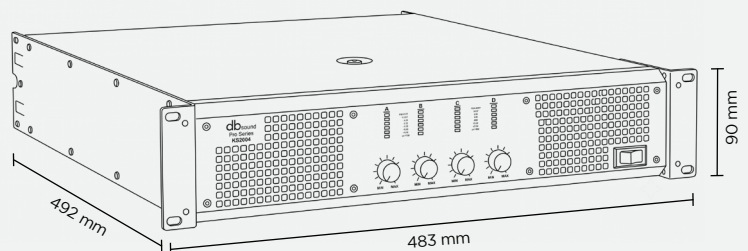
APPLICATIONS

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



SPECIFICATIONS

MODEL	KS904	KS1204	KS2004
Output 8Ohms 1KHz0.1% THD stereo Mode	4 x 600W	4 x 800W	4 x 1400W
Output 4Ohms 1KHz0.1% THD stereo Mode	4 x 900W	4 x 1200W	4 x 2100W
Output 8Ohms 1KHz0.1% THD bridge Mode	2 x 1800W	2 x 2400W	2 x 4200W
Output 4Ohms 1KHz0.1% THD bridge Mode	2 x 2400W	2 x 3200W	2 x 5000W
Fuse	F-20A	F-25A	F-30A
S/N Rate	> 100 dB	> 100 dB	> 100 dB
Slew Rate	> 28 v/μs	> 28 v/μs	> 28 v/μs
Damping factor	>3000 (8 Ohm) 10Hz – 100Hz	>3000 (8 Ohm) 10Hz – 100Hz	>3000 (8 Ohm) 10Hz – 100Hz
Power Supply	220V 50/60Hz	220V 50/60Hz	220V 50/60Hz
Input Sensitivity	0.775V,1.0V,1.4V	0.775V,1.0V,1.4V	0.775V,1.0V,1.4V
Frequency Response At 1 Watt into 8 Ohm	±0.4dB, 10 Hz – 20KHz	±0.4dB, 10 Hz – 20KHz	±0.4dB, 10 Hz – 20KHz
THD+N	≤0.5% @ 8Ω 1kHz	≤0.5% @ 8Ω 1kHz	≤0.5% @ 8Ω 1kHz
Input / Output Connectors	XLR Balanced / 4 Neutrik NL4 Sockets & 4 Binding Post	XLR Balanced / 4 Neutrik NL4 Sockets & 4 Binding Post	XLR Balanced / 4 Neutrik NL4 Sockets & 4 Binding Post
Input Impedance	10 KΩ Balanced / 20 KΩ Unbalanced	10 KΩ Balanced / 20 KΩ Unbalanced	10 KΩ Balanced / 20 KΩ Unbalanced
Crosstalk at Rated Output 8 Ohms 1kHz	>70dB	>70dB	>70dB
Circuit Type	Class H	Class H	Class H
Indicators	Signal, Protect, Clip, Limiter	Signal, Protect, Clip, Limiter	Signal, Protect, Clip, Limiter
Dimensions (H x W x D)	90 x 483 x 492mm	90 x 483 x 492mm	90 x 483 x 492mm
Weight	27.25 Kgs	28 Kgs	33 kgs



FEATURES



Chassis Design



Class H+ Design



Amplifier



speakON Outputs