

# HSA



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The fabulous HAS series is the amplifications proved by many live shows.

Available in both 2 or 4 channel configurations, HSA series amplifiers are light and compact, while maintaining a very high and efficient power output. More features of HAS listed below add credits to the system and prove it's exactly the right choice of live performance. It features:

- Advanced switch-mode power supply. Powerful, and highly efficient with Class A sound quality, class H high power, and low energy consumption;
- Enhanced protection systems against short circuits, overheating, DC, UHF, infrasound and distortion;
- Wide high-density copper radiating surface for faster heat dissipation;
- High-speed and smart fan system ensures the reliability and durability of the amplifier in any working environment;
- Detachable ventilated heat sink panel;
- Each channel features a power limiter to ensure safe operation.



Model No.	HSA 2500Q	HSA 7000D
Number of Channel	4	2
Total Peak Output of All Channels	10000W	14000W
Peak Output Voltage Per Channel	150V	195V
Max Output Current Per Channel	50A peak	90A peak
Max Output Power		
16 Ω	660 W	1200 W
8 Ω	1300 W	2350 W
4 Ω	2100 W	4400 W
2 Ω	2500 W	7000 W
Max. Output Power Bridged		
16 Ω	2600 W	4700 W
8 Ω	4200 W	8800 W
4 Ω	5000 W	14000 W
2 Ω	Not recommended	Not recommended
THD 20 Hz – 20 kHz @1W	<0.1%	<0.1%
THD @1 kHz and 1 dB below clipping	<0.05%	<0.05%
SNR	>112 dB A	>112 dB A
Channel Separation(Crosstalk) @1kHz	>70dB	>70dB
Input Impedance	20 kΩ	20 kΩ
Output Impedance@100Hz	32 mΩ	32 mΩ
Default Gain	35dB	38dB
Operating Voltage	230V / 115V nominal 130–265V / 65 –135V Minimum power-up voltage, 230V / 115V 171V / 85V	230V / 115V nominal 130–265V / 65 –135V Minimum power-up voltage, 230V / 115V 171V / 85V
Connectors	Output: : 4 x 4 pin Neutrik Speakon ( NL4 ) Input: 4 x XLR(balanced)	Output: : 4 x 4 pin Neutrik Speakon ( NL4 ) Input: 4 x XLR(balanced)
Dimension(W x H x D) mm	483 ( 19" ) X 88 ( 2 U ) X 396 ( 15.6" )	483 ( 19" ) X 88 ( 2 U ) X 396 ( 15.6" )
Weight	12 Kg	12 Kg