



Pro Audio
Germany

SQ-SERIES

www.4-acoustic.com

SQ-SERIES

Powerful | Reliable | Affordable



Cost-Effective Power Amplification in state of art Class H design!

The new SQ-series offers a wide range of very cost efficient, flexible amplifier performance. From 2x900@4Ohm up to 4x1200@4Ohm 7 different models are available for your choice. The Class H output stage is powered by an oversized analog power supply with a strong toroidal transformer. The performance is stable even under weak or unstable mains supplies. The front panel is equipped with a power switch and several LED´s to display the working status.

SQ-1200 GS1 (EAN) CODE: 4260318511940

SQ-1600 GS1 (EAN) CODE: 4260318511957

SQ-2000 GS1 (EAN) CODE: 4260318511964

SQ-2400 GS1 (EAN) CODE: 4260318511971

SQ-1604 GS1 (EAN) CODE: 4260318511988

SQ-2404 GS1 (EAN) CODE: 4260318511995

SQ-3204 GS1 (EAN) CODE: 4260318512015

Specification

SQ-Series

SQ | 1200 | 1600 | 2000 | 2400

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Specification 2 Channel Models

Model Name	SQ-1200	SQ-1600	SQ-2000	SQ-2400
GS1 (EAN) CODE	4260318511940	4260318511957	4260318511964	4260318511971
System Type	2-Channel Class H	2-Channel Class H	2-Channel Class H	2-Channel Class H
Output Power all channels driven 20Hz - 20 kHz, 0.1 % THD	2 x 1200W @ 2Ohm 2 x 900W @ 4Ohm 2 x 600W @ 8Ohm	2 x 1600W @ 2Ohm 2 x 1200W @ 4Ohm 2 x 800W @ 8Ohm	2 x 2000W @ 2Ohm 2 x 1500W @ 4Ohm 2 x 1000W @ 8Ohm	2 x 2400W @ 2Ohm 2 x 1800W @ 4Ohm 2 x 1200W @ 8Ohm
Output Power Bridge mode	1 x 2400W @ 4Ohm 1 x 1800W @ 8Ohm 1 x 1200W @16Ohm	1 x 3200W @ 4Ohm 1 x 2400W @ 8Ohm 1 x 1600W @16Ohm	1 x 4000W @ 4Ohm 1 x 3000W @ 8Ohm 1 x 2000W @16Ohm	1 x 4800W @ 4Ohm 1 x 3600W @ 8Ohm 1 x 2400W @16Ohm
THD+N	≤0.5% @ 8Ω1kHz			
Slew Rate	>26V/μs			
Frequency Response	10Hz - 20KHz / ±0.3dB @1Watt, 8Ohm			
Damping Factor	>3000 @100Hz			
Signal to Noise Ratio	>100dB 20Hz -20 kHz			
Channel Separation	>70dB Crosstalk@1kHz			
Voltage Gain	39dB (0,775V:69.5V)	40.3dB (0,775V:80.5V)	41.3dB (0,775V:89.5V)	42dB (0,775V:98V)
Input Sensitivity	selectable 0.775V/1V/1.4V			
Input Impedance	20k Ohm Balanced, 10k Ohm Unbalanced			
Front Control	Power switch, Gain control			
Rear Control	Sensitivity Switch, Mode Switch			
LED Indicators	Signal, Clip, Protect, Power, Bridge			
Input Connectors	XLR Active balanced (pin1 gnd / pin 2+ / pin3-)			
Output Connectors	2 NL4 Sockets, 2xBinding Posts			
Cooling	Low Noise Continuously Variable speed fan			
Protection	Full short circuit, Open circuit, thermal, Ultrasonic, RF Protection. Stable Into reactive or Mismatched loads			
Load Protection	On/Off muting, DC fault power Supply shutdown			
Operating Voltage	230V (+/- 10%), 50-60Hz (USA Version 110V (+/- 10%), 50-60Hz)			
Fuse	T-15A	T-20A	T-20A	T-25A
Idle Power Consumption	< 38W	< 38W	< 40W	<42W
Max. Power Consumption	< 980W	< 1400W	< 2100W	<3000W
Dimensions (h/w/d)	19"/2U 483mm×486mm×90mm			
Net weight	24,5 kg	25,5 kg	26,5 kg	27,5 kg

Specification 4 Channel Models

Model Name	SQ-1604	SQ-2404	SQ-3204
GS1 (EAN) CODE	4260318511988	4260318511995	4260318512015
System Type	4-Channel Class H	4-Channel Class H	4-Channel Class H
Output Power all channels driven 20Hz - 20 kHz, 0.1 % THD	4 x 600W @ 4Ohm 4 x 400W @ 8Ohm	4 x 900W @ 4Ohm 4 x 600W @ 8Ohm	4 x 1200W @ 4Ohm 4 x 800W @ 8Ohm
Output Power Bridge mode	2 x 1600W @ 4Ohm 2 x 1200W @ 8Ohm 2 x 800W @16Ohm	2 x 2400W @ 4Ohm 2 x 1800W @ 8Ohm 2 x 1200W @16Ohm	2 x 3200W @ 4Ohm 2 x 2400W @ 8Ohm 2 x 1600W @16Ohm
THD+N	≤0.5% @ 8Ω1kHz		
Slew Rate	>28V/μs		
Frequency Response	10Hz - 20KHz / ±0.4dB @1Watt, 8Ohm		
Damping Factor	>3000 @100Hz		
Signal to Noise Ratio	>100dB 20Hz -20 kHz		
Channel Separation	>70dB Crosstalk@1kHz		
Voltage Gain	36dB (0,775V:49V)	39dB (0,775V:69.5V)	40.3dB (0,775V:80.5V)
Input Sensitivity	selectable 0.775V/1V/1.4V		
Input Impedance	20k Ohm Balanced, 10k Ohm Unbalanced		
Front Control	Power switch, Gain control		
Rear Control	Sensitivity Switch, Mode Switch		
LED Indicators	Signal, Clip, Protect, Power, Bridge		
Input Connectors	XLR Active balanced (pin1 gnd / pin 2+ / pin3-)		
Output Connectors	4 NL4 Sockets		
Cooling	Low Noise Continuously Variable speed fan		
Protection	Full short circuit, Open circuit, thermal, Ultrasonic, RF Protection. Stable Into reactive or Mismatched loads		
Load Protection	On/Off muting, DC fault power Supply shutdown		
Operating Voltage	230V (+/- 10%), 50-60Hz (USA Version 110V (+/- 10%), 50-60Hz)		
Fuse	T-15A	T-20A	T-25A
Idle Power Consumption	< 30W	< 30W	< 40W
Max. Power Consumption	< 1200W	< 2000W	< 3000W
Dimensions (h/w/d)	19"/2U 483mm×492mm×90mm		
Net weight	22 kg	25 kg	27 kg

Speci-
fication

SQ-Series

SQ | 1604 | 2404 | 3204

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