



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

Powerful | Reliable | Affordable



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

Powerful | Reliable | Affordable



GERMAN
Pro
Audio
Engineering

www.4-acoustic.com



Pro Audio
Germany

SQ-SERIES

www.4-acoustic.com

SQ-SERIES

Powerful | Reliable | Affordable



Pro Audio
Germany

INLINE Marketing GmbH

Bunsenstrasse 32

59229 Ahlen, Germany

Tel. +49 2382 7087-0

Fax +49 2382 7087-25

E-Mail sales@4-acoustic.com

Web www.4-acoustic.com