



AT A GLANCE

- Up to 12kW RMS Output Power in compact 1U 19" rack format
- 2nd Generation LLC Resonant **PULSAR** SMPS with Active PFC
- Class Leading Low Frequency Extension and Reproduction
- Transparent Zero-Attack J-FET Limiters
- Proven Circuit with outstanding reliability
- **TrueSound** Class D with High-Speed High-Current MOSFETs
- Studio Grade PreAmp with MUSE® Fine Gold capacitors
- Long Life Japanese Electrolytic Capacitors in all stages
- Genuine parts exclusively from World Class suppliers
- Lightweight and shallow depth Touring grade chassis

SPECIFICATIONS

Power supply	Switch mode with active PFC (Universal AC input from 90 to 260V) Up to 3 transformers in interleave mode (model dependant)			
Output stage	Proprietary High-Speed High-Current 4 th generation discrete Class D			
Model	SQ8800	SQ12000	SD7000	SD10000
RMS Output Power (1kHz, 1% THD, EIA standard)	4x 1300W / 8Ω 4x 2200W / 4Ω 4x 2000W / 2Ω	4x 1800W / 8Ω 4x 3000W / 4Ω 4x 2600W / 2Ω	2x 2000W / 8Ω 2x 3500W / 4Ω 2x 4000W / 2Ω	2x 2800W / 8Ω 2x 5000W / 4Ω 2x 5300W / 2Ω
Frequency response	10~25,000Hz (-1dB)			
Typical THD (1W, 20Hz~20kHz, 8Ω / 400W, 1kHz, 8Ω)	<0.03% / <0.09%			
Signal to Noise Ratio	>107dB(A)			
Crosstalk (1kHz)	>75dB			
Input Impedance	20 kΩ (Balanced)			
Maximum input	+20dBu			
Amplifier slew rate	>60V/us			
Amplifier damping factor (8 ohms, 500Hz)	>800 (internal)			
Preamp	Ultra low distortion opamps with audiophile MUSE® Fine Gold capacitors			
Nominal Voltage Gain	x50 (34dB) on all models			
Cooling	Temperature regulated long life brush-less fans, front to back airflow			
Protections	Short-circuit, Over and Under-voltage, Over-current, Over-load, Temperature			
Input connectors	4 Balanced NEUTRIK® XLR			
Output connectors	4 NEUTRIK® SpeakON® NL4MP			
Operating Voltage	90~260V AC			
Model	SQ8800	SQ12000	SD7000	SD10000
Size (WxHxD)	482x45x281mm	482x45x421mm	482x45x281mm	482x45x326mm
Weight	6kg net 7.5kg gross	10kg net 12.5kg gross	6kg net 7.5kg gross	8kg net 10kg gross

