



SP 600 FRONT



SP 600 BACK



SP1800/600

PROFESSIONAL SWITCH MODE POWER AMPLIFIER

The SP-1800 and SP-600 are professional two-channel power amps with class-H technology and a newly developed switched power supply. The decisive advantage of the new switched power supply is that it replicates the energy storage provided by conventional transformer/rectifier/electrolytic capacitor power supply units. This has been achieved by sophisticated control electronics, combined with very large storage electrolytic capacitors on both the primary and secondary side of the power supply. The power amps thus have unrestricted applicability even in the bass range, which was previously the domain of classical power amplifiers. It goes without saying that the power amps also feature modern protective circuits. All operating modes are indicated by LEDs on the front panel. The power amps permit operation in all modes including bridge mode with a load up to 2Ω (see technical specification).

Article No.	LDSP1800	LDSP600
Output Power 1KHz THD+N 1% Stereo 8:	900 W x 2	300 W x 2
Output Power 1KHz THD+N 1% Stereo 4:	1330 W x 2	550 W x 2
Output Power 1KHz THD+N 1% Stereo 2:	1550 W x 2	850 W x 2
Output Power 1KHz THD+N 1% Bridge 8:	2200 W	1000 W
Output Power 1KHz THD+N 1% Bridge 4:	2700 W	1400 W
Output Power 1KHz THD+N 1% Parallel 8:	780 W x 2	270 W x 2
Output Power 1KHz THD+N 1% Parallel 4:	1130 W x 2	520 W x 2
Output Power 1KHz THD+N 1% Parallel 2:	1500 W x 2	700 W x 2
Frequency Response:	20 Hz - 20 kHz ± 0.5 dB	20 Hz - 20 kHz ± 0.5 dB
Input Sensitivity:	0.775 V / 1.0 V / 1.44 V	0.775 V / 1.0 V / 1.44 V
S/N ratio (A Weighted RMS):	>100 dB	>100 dB
Crosstalk at rated power output (8W1KHz):	>85 dB	>85 dB
Damping Factor (f=1KHz 8W):	>380	>200
Protection:	Soft start up, Thermal cut off, Short Circuit, Overloaded, DC fault, Voltage or current limiter, AC line fuse	Soft start up, Thermal cut off, Short Circuit, Overloaded, DC fault, Voltage or current limiter, AC line fuse
Indicators:	Power, Protect, Limit, Stereo, Bridge, Parallel	Power, Protect, Limit, Stereo, Bridge, Parallel
Connectors Input:	Neutrik Combo x2 XLR Link male x2	Neutrik Combo x 2
Connectors Output:	Neutrik Speakon x3	Neutrik Speakon x 3
Cooling system:	Low noise, variable speed fans	Low noise, variable speed fans
Power supply:	230 V - 50 Hz	230 V - 50 Hz
Dimension (W x D x H) / Weight:	483 mm x 484 mm x 88 mm / 15 kg	483 mm x 499 mm x 44 mm / 10,3 kg