

ED Series

EXTENDED DYNAMIC POWER AMPLIFIERS

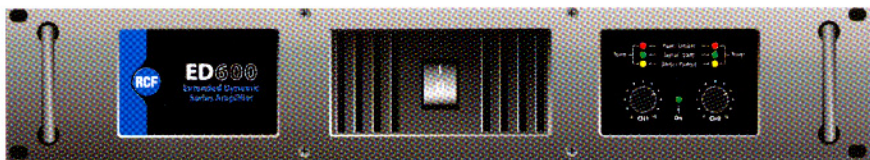
A new and unique Class-H circuitry technology allows their manufacture in SMD technology with a reduced number of components offering performance usually expected on top class products like slew rate 50 V/ μ s and high-end extended dynamic sound.

The high efficiency of the ED series enables maximum efficiency with low heat generation.

The 2U amplifiers at 2 x 300 W or 2 x 550 W respectively into 4 ohms are equipped complete with temperature-controlled fan cooling, all common protective circuits such as over-temperature, short circuit, RFI and soft start.

The integral soft clip limiter protects against damage to the connected loudspeakers, the activity of a protective circuit, signal and limiter are shown for each channel by LED's.

ED600 *Code no. 121.35.027*



ED1100 *Code no. 121.35.028*



SPECIFICATIONS

	ED 600	ED 1100
Type	Two Channel Power Amplifier	Two Channel Power Amplifier
Watt/RMS@4ohm	2 x 300 / 4 Ω 2 x 180 / 8 Ω	2 x 550 / 4 Ω 2 x 265 / 8 Ω
Output (W) bridged @ 8 Ohm	1 x 600 / 8 Ω	1 x 1100 / 8 Ω
Mono, one channel	1 x 310 / 4 Ω 1 x 195 / 8 Ω	1 x 570 / 4 Ω 1 x 325 / 8 Ω
Frequency response +1dB	20 – 20.000 Hz	20 – 20.000 Hz
Frequency response +3dB	20 – 57.000 Hz	20 – 57.000 Hz
THD + N	0,05 % @ 1 KHz	0,05 % @ 1 KHz
SMPTE IMD	< 0,03% max. Power@4 Ohm	< 0,03% max. Power@4 Ohm
Dampening factor	> 200:1 (8 Ohm)	> 200:1 (8 Ohm)
Slew Rate	50V/ μ S	50V/ μ S
Self noise	> 105 dB, A-weighted	> 105 dB, A-weighted
Signal to noise ratio	> 70dB@ 1 KHz	> 70dB@ 1 KHz
Input sensitivity	0 dBm (0,775 V RMS)	0 dBm (0,775 V RMS)
Input impedance	20 KOhm balanced, 10 KOhm unbalanced	20 KOhm balanced, 10 KOhm unbalanced
Protection	Thermal, direct current, RFI, short circuit, thermal protection of transformer	Thermal, direct current, RFI, short circuit, thermal protection of transformer
Input connection	2 x XLR balanced, 6,3mm jack unbalanced	2 x XLR balanced, 6,3mm jack unbalanced
Output connection	2 x Neutrik Speakon4	2 x Neutrik Speakon4
Cooling	1 x temperature controlled ventilator	1 x temperature controlled ventilator
Current consumption	max. 6A	max. 10A
Dimensions	88 x 482 x 350 mm + Handles 40mm	88 x 482 x 350 mm + Handles 40mm
Built-in dimensions	2 U rack 19"	2 U rack 19"
Weight	12,5 kg/ 28 lbs	15 kg/ 33 lbs