

HC Series

HIGH CURRENT SERIES POWER AMPLIFIERS

These professional stereo power amplifiers, working in class-H mode, provide from 2 x 800 W up to 1 x 3200 W respectively, at an efficiency of around 85%.

A massive transformer based power supply and hand selected components make these power ratings possible with exceptional audio quality and absolute reliability, even in the 2 ohm mode.

The PA output stages are fully protected against over-temperature, short circuit, RFI and equipped with soft start circuit and temperature-controlled fan cooling.

The integral soft clip limiter protects against damage to the connected loudspeakers.

The activity of a protective circuit, signal and limiter is shown for each channel by LED's.

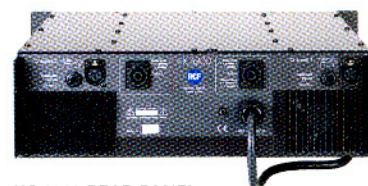
HC1600 *Code no. 121.35.031*



HC2000 *Code no. 121.35.030*



HC3200 *Code no. 121.35.029*



HC 3200 REAR PANEL



HC 1600 - HC 2000 REAR PANEL

SPECIFICATIONS	HC 1600	HC 2000	HC 3200
Output (W) Stereo per Channel @ 8 Ohm	800/2 Ω 650/4 Ω 350/8 Ω	1000/2 Ω 800/4 Ω 500/8 Ω	1600/2 Ω 1100/4 Ω 700/8 Ω
Output (W) bridged @ 8 Ohm	1300	1000	2200
Output (W) bridged @ 4 Ohm	1600	2000	3200
Frequency response $\pm 0,2$ dB	20Hz – 20 KHz	20Hz – 20 KHz	20Hz – 20 KHz
Frequency response ± 3 dB	10Hz – 65 KHz	10Hz – 65 KHz	10Hz – 65 KHz
THD + N	0,02 % at 1 KHz 0,1 % to 20 KHz	0,02 % at 1 KHz 0,1 % to 20 KHz	0,02 % at 1 KHz 0,1 % to 20 KHz
Input sensitivity	0,775 V	0,775 V	0,775 V
Input impedance	20 kOhm balanced / 10 kOhm unbalanced	20 kOhm balanced / 10 kOhm unbalanced	20 kOhm balanced / 10 kOhm unbalanced
Dampening factor	200:1 (80hm)	200:1 (80hm)	200:1 (80hm)
Slew Rate	50V/ μ S	50V/ μ S	50V/ μ S
Input connection	2 x 6,3mm jack and XLR / balanced	2 x 6,3mm jack and XLR / balanced	2 x 6,3mm jack and XLR / balanced
Output connection	2 x Speakon-4	2 x Speakon-4	2 x Speakon-4
Protection	thermal, temperature, direct current, short circuit, RFI	thermal, temperature, direct current, short circuit, RFI	thermal, temperature, direct current, short circuit, RFI
Dimensions	19", 2 U rack 19"	19", 2 U rack 19"	19", 3 U rack 19"
Weight	17 kg/ 37 lbs	18 kg/ 40 lbs	29 kg/ 64 lbs