

HIGH POWER WITH ULTRA-LOW DISTORTION AND NOISE LEVELS!

Harmonic Distortion 20Hz to 20kHz @ rated power: **<0.025**

Crosstalk / CMRR: **Better than -85dB @ 1kHz.**

Damping Factor: 2000 @ 40Hz and **800 up to 10kHz!**



3600 watts RMS stereo 2 Ohm. 1800 watts RMS per channel.

2000 watts RMS @ 4 Ohm (1000 watts RMS per channel).

1160 watts RMS @ 8 Ohm (580 watts RMS per channel).

Operating Class	High polarization class AB - double floating reference
Harmonic Distortion 1 KHz @ 1/2 rated power	0.02% , 2 Ohm / 0.015% , 4 Ohm / 0.008% , 8 Ohm
Harmonic Distortion 20Hz to 20KHz @ rated power	< 0.025%
Frequency Response	20 Hz à 20 KHz, +/- 0.5 dB programable
Damping Factor	> 2000 - 8 Ohm @ 40 Hz > 800 up to 10 kHz ⇄
Slew rate	35V/uS (no filter)
CMRR	Better than -85 dB @ 1 kHz
Hum and Noise	100 dBA referenced to rated power
Input Sensitivity	0,775V or 1,55VRMS (DS) selectable (20x / 40x optional)
Input Impedance	10 K Ohm balanced
Controls	rear panel: stereo/parallel switch, power switch and two attenuators.
Indicators	power: 1 blue LED signal: 2 green LEDs processing: 2 blue LEDs
Connectors	Line input and output: 2 balanced female XLR and 2 balanced female P10 connectors. Ground connections bar. Speakers: 2 pairs of 1/4" binding posts & Speakon
Cooling	2 individual aluminum coolers with individual fans
Protection	Soft-Clip, Soft-Start, radiofrequency, thermal, DC, turn-on bursts, subsonic, incorrect loads, short-circuit, Auto-Mute and low impedances.
Eight speakers support with total 2 Ohm rated power	Supports up to 4 speakers per channel (1.5 Ohm) with maximum rated power at 2 Ohm. Capable to deliver 150 watts RMS per speaker with 4 speakers per channel in normal operation.
Operating Voltage	220 V or 120 V AC - 50/60Hz (consult for alternative voltages)
Precise Consumption	1.55 times the output power used.
Dimensions	88x483x320mm (plus 50mm with rear support) height x width x depth
Weight / Rated Power Max. Consumption	15 Kg, 3600 W, 220 V, 22 A (max) Consumption 1/3rd power Pink Noise: 7,3 A (220V)

Adjustable High-pass and Low-pass filter:
Provides better loudspeakers performance.

Oversized Power Supply:
Ensures the operation with variable voltage. Provides powerfull and precise bass, even with low impedances.

Dynamic Cooler (DCCS):
Total contact system between dissipators and transistors. 60% more effective than the conventional systems.

Intelligent Opto-limiter:
Extremely silent, precise and quick optical limiters. Acts not only over the amplifier's maximum rated power output, but also over the maximum distortion, always keeping the distortion levels under 2%, to ensure the total protection of your speakers in any condition, even with low or variable AC loads, that can slowdown your amplifier's rated power.

Magnetic Activation Circuit Breaker:
Eliminates the need for line fuses.

Wide Range of Protection Systems:
Complete protection against input overload, short-circuit, DC, transients, ultrasound, reactive or mismatched loads, radiofrequency, and overheating with individual thermal sensors. Activation always silent. Prevents harmful loads from damaging the amplifier and speakers, in case of power failure.

Four Speakers per Channel Support:
Capable of operating with impedances of up to 1.5 Ohm. All 2 Ohm Studio R amplifiers can offer maximum power even with four speakers on each channel (1.5 Ohm, actual) without any extra effort, unlike the conventional 2 Ohm amplifiers, which are overloaded and overheated on such conditions, developing less power and impairing the system durability and sound quality.

3 Year Warranty*:
Each Studio R is individually in-factory tested by means of an exclusive Burn-In and through the selection of components (*Valid for products sold in Brazil. Check with your dealer for local warranty).

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