

**8000 watts RMS stereo 2 Ohm.  
4000 watts RMS per channel.**



## COMPACT, LIGHTWEIGHT (16kg) 2U PACKAGE

4700 watts RMS @ 4 Ohm (2350 watts RMS per channel).  
2600 watts RMS @ 8 Ohm (1300 watts RMS per channel).

<b>Operating Class</b>	class H MOSFET
<b>Harmonic Distortion</b> 1 KHz @ 1/2 rated power	0.1%, 2 Ohm / 0.07%, 4 Ohm / 0.04%, 8 Ohm
<b>CMRR</b>	Better than -80 dB @ 1 kHz
<b>Frequency Response</b>	20 Hz to 20 KHz, +/- 0,5 dB
<b>Damping Factor</b>	> 2000 @ 8 Ohm - 40 Hz
<b>Hum and Noise</b>	100 dBA referenced to rated power
<b>Input Sensitivity</b>	1.5V (DS point) or 0.775V (20x /40x optional)
<b>Input Impedance</b>	10 K Ohm balanced
<b>Controls</b>	rear panel: stereo/parallel switch, power switch and two attenuators.
<b>Indicators</b>	power: 1 blue LED signal: 2 green LEDs processing: 2 blue LEDs
<b>Connectors</b>	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
<b>Cooling</b>	2 individual aluminum coolers with individual fans
<b>Protection</b>	Dual opto-limiter, Soft-Start, radiofrequency, DC, turn-on bursts, subsonic, incorrect loads, short-circuit, thermal, and low impedances.
<b>Eight speakers support with total 2 Ohm rated power</b>	Supports up to 4 speakers per channel (1.5 Ohm) with maximum rated power at 2 Ohm. Capable to deliver 700 watts RMS per speaker with 4 speakers per channel in normal operation.
<b>Operating Voltage</b>	220 V AC or 120 V AC - 50/60Hz (consult for options)
<b>Precise Consumption</b>	1.3 times the output power used.
<b>Dimensions</b>	88x483x370mm height x width x depth
<b>Weight / Rated Power Max. Consumption</b>	16Kg 8000w - 220V, 50A <sub>(max)</sub> / 120V, 100A <sub>(max)</sub> Consumption 1/3rd power Pink Noise: 16.6A (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 lowdown 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 Years 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).

**STUDIO R**  
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