

**2400 watts RMS stereo 4 Ohm.
1200 watts RMS per channel.**



**COMPACT, LIGHTWEIGHT (11.5kg) 1U PACKAGE
BUILT-IN ADJUSTABLE STEREO CROSSOVER**

600 watts RMS per speaker @ 4 Ohm (2 speakers per channel).
825 watts RMS per speaker @ 8 Ohm (1 speaker per channel).

Operating Class	class AB
Harmonic Distortion 1 KHz @ 1/2 rated power	0.05%, 4 Ohm / 0.02%, 8 Ohm
Harmonic Distortion 20Hz à 20KHz @ rated power	< 0.05%
Frequency Response	20 Hz to 20 KHz, +/- 0.5 dB
Damping Factor	> 2000 @ 8 Ohm - 40 Hz
Hum and Noise	Better than 105 dBA referenced to rated power
Input Sensitivity	1.5V or 0.775 V selectable (optional 20x / 40x)
Input Impedance	10 K Ohm balanced
Controls	Front panel: power switch Rear panel: stereo/parallel switch, crossover switch and two attenuators.
Indicators	power: 2 blue LEDs signal: 2 green LEDs processing: 2 blue LEDs
Connectors	Line input, output and crossover high-output: 2 balanced female XLR and 4 balanced female P10 connectors. Ground connections bar. Speakers: 2 pairs of 1/4" binding posts (Speakon optional)
Cooling	2 individual aluminum coolers with individual fans
Protection	Soft-Clip, Soft-Start, radiofrequency, thermal, DC, turn-on bursts, subsonic, incorrect loads, short-circuit and low impedances.
Crossover:	Two Linkwitz-Riley crossover (one per channel) with the following selectable frequencies: 80, 120, 160, 200, 240, 280, 320, 360, 400, 430, 480, 560 HZ 80, 120, 160, 200, 240, 280, 320, 360, 400, 430, 480, 560 kHz
Operating Voltage	220 V AC or 120 V AC - 50/60Hz (consult for options)
Precise Consumption	1.6 times the output power used.
Dimensions	44.5x483x450mm height x width x depth
Weight / Rated Power Max. Consumption	11.5Kg, 2400W, 220V, 32A _(max) / 120V, 64A _(max) Consumption 1/3rd power Pink Noise: 8.3A (220V)

Built-in Linkwitz-Riley Crossover:

The new ACE2400 is already fitted with an adjustable active crossover, which allows you to assemble multiway stereo or mono systems, biamplified active monitors using only one amplifier, ambient sound systems with subwoofer and many other applications, on a practical way with the highest quality, not requiring the use of external crossovers or passive splitters.

You can set your ACE2400's crossover to a wide range of cutoffs by simply positioning the easily accessible jumpers inside the device. Adjustable frequency range between 80Hz to 5600Hz

Oversized Power Supply:

Ensures the operation with variable voltage. Provides potent and precise bass frequencies, 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 lower your amplifier's rated power.

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.

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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