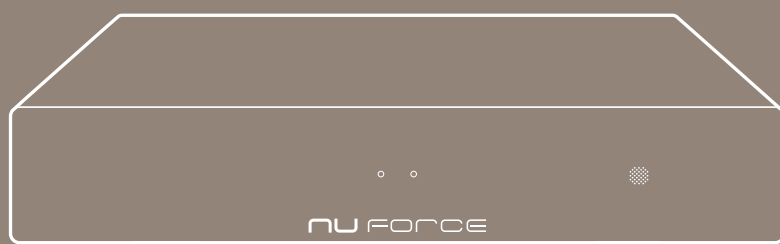


NuForce

STA120

Stereo Amplifier



User's Manual
ALSTAGNZ

 **Optoma**

FCC Notice - Declaration of Conformity Information

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

WARNING: Only peripherals complying with the FCC class B limits may be attached to this equipment.

Changes or modifications made to this equipment, not expressly approved by us or parties authorized by us could void the user's authority to operate the equipment. This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

INTRODUCTION

NuForce developed the STA120 amplifier for the audio enthusiast as an audiophile-grade stereo power amp housed in an elegant, modestly sized enclosure. Offering quality parts throughout and advanced, high-efficiency switching amplifier operation, the STA120 delivers genuine NuForce performance and value.

The STA120's size belies its power: a robust 160 Watts into 4-Ohms per channel. Sharing technology with NuForce's award-winning V3 mono amplifiers, mere power alone doesn't tell the whole story. The STA120 renders all of your recordings with thundering lows, crystalline highs, and a warm, tube-like midrange - all in perfect balance with exquisite resolution and effortless, fatigue-free sound.

Proprietary feedback circuitry operates as the cornerstone of the STA120's sound quality. A self-resonant design, the 400 kHz PWM switching frequency constantly adjusts to the input signal, output current demands, and loudspeaker impedance variations. Incredible speed and accuracy ensure that the most explosive dynamics and the minutest of details convey the kind of life-like sound upon which NuForce's reputation rests.

To be sure, the STA120 is destined to find its place as the driving force in a great many music and A/V systems. When it comes to mating with décor and today's home audio components, the STA120's power, transparency, modest size and sophisticated appearance defy competition at its modest price point. Where sound and style matter, nothing less will do.

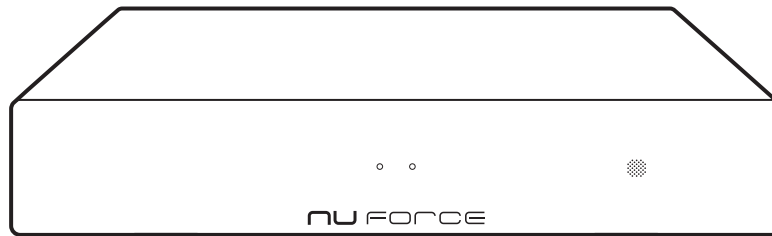
Innovative Features

- High Power - 1% 125WX2@4Ω / 10% 140WX2@4Ω
- Modest size and modern, elegant construction
- Proprietary high-speed, negative feedback design
- Very high efficiency PWM circuit topology
- Available in stylish Silver or Black finish

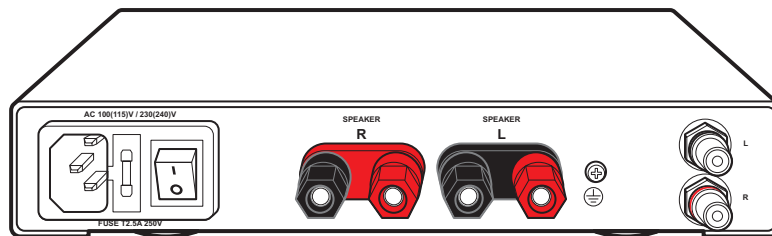
QUICK START GUIDE

Product Overview

Front Panel



Back Panel



- Power On: Switch on the power from the rear ac switch
- Power Off: Switch off the power from the rear ac switch

Connections

- Input: RCA
- Speaker Output: Connect the left and right speaker cables to the output terminals. In order to avoid shorting out the STA120, before turning on the power, please make sure that the polarity of the speaker cables is properly terminated to the loudspeakers and the STA120. Please make sure the unit is off before connecting your speakers.

SPECIFICATIONS

Input	RCA
Output	Five-way binding posts
Power output	1% 125WX2@4Ω 10% 140WX2@4Ω
Peak power output	300W
Gain	25.5 dB
Input impedance	22k ohm
Sensitivity	1Vrms
THD+N	0.008%
Frequency response	10 Hz - 40kHz
SNR	115 dB
Dimensions	9" x 8.5" x 2"
Weight	2.64 lb. Shipping weight 5 lbs.

DISTRIBUIDOR EM PORTUGAL



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