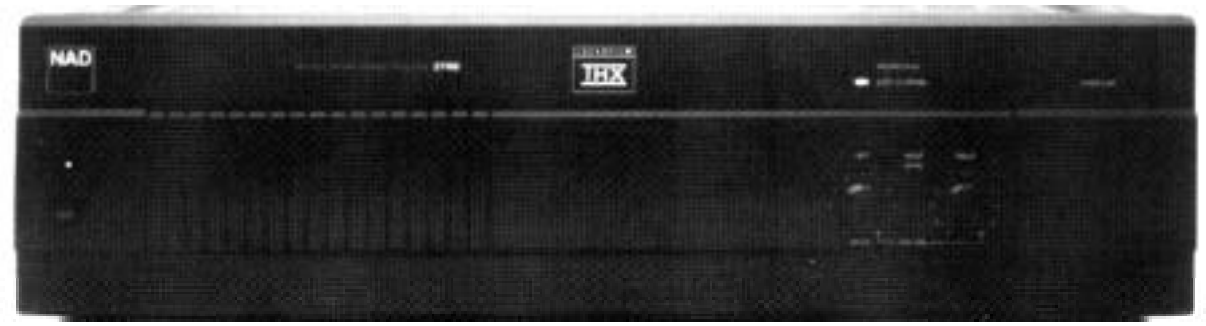
2700 Stereo Power Amplifier

Date of manufacture : Oct 92 - Dec 95

Please note that this document contains the text from the original product brochure, and some technical statements may now be out of date



•High power, high current, high dynamic headroom design
•Fail-safe, inaudible protection assures excellent reliability
•Stable and powerful with virtually all speaker loads
•Bridged monophonic mode delivers 400 Watts music power

The sophisticated home cinema deserves audiophile-quality sound to match: NAD's 2700 THX amplifier achieves just this. It's a powerful yet refined stereo amplifier conceived especially for sound reproduction in the most critically demanding of home-theatre and hi-fi audio systems.
A 150 watts-per-channel design with impressive dynamic power and peak current capability, the 2700 THX combines superb acoustic performance with excellent reliability at an affordable price. Something audiophiles expect from NAD.
The 2700 THX was among the first designs in the world to meet LucasArts Entertainment Co.'s stringent specifications for amplifiers in advanced Home-THX home theatre Home-THX components bring to domestic audio systems performance equivalent to that heard in LucasFilm Ltd licensed commercial THX theatres - that is, the very best in cinema sound. NAD's 2700 THX achieves performance that is truly state-of-the art, whether employed for audio/visual, or for purely musical sound reproduction.
NAD's Speaker Impedance selector and high-current out-put stage deliver maximum power to loudspeakers of any impedance - high or low, simple or complex. The model 2700 THX will even drive a 2 ohm impedance safely, without current-limiting or distortion.

POWER AMP SECTION

Continuous output power into 8Ω *		150W (21.7dBW)
Rated distortion *(THD 20Hz - 20kHz)*		0.03%
Clipping power *(maximum continuous power per channel)*		200W
IHF Dynamic headroom at 8Ω		+4.3dB
IHF dynamic power *(maximum short term power per channel)*	8Ω	400W (26 dBW)
	4Ω	600W (28 dBW)
	2Ω	800W (29 dBW)
Damping factor *(ref. 8Ω, 50Hz)*		>120
Input impedance		20kΩ / 820pF
Input sensitivity *(for rated power into 8Ω)*		1.2V
Frequency response		1Hz - 80kHz / (+0, -3dB) THX
Signal/noise ratio	ref. 1W	100 dB
	ref. rated power	122 dB
THD *(20Hz - 20kHz)*		<0.03%

Bridged Mode

Continuous output power into 8Ω *		400W (26 dBW)
IHF Dynamic headroom at 8Ω		+5dB
IHF dynamic power *(maximum short term power per channel)*	8Ω	1.2 kW (31 dBW)
	4Ω	1.6 kW (32 dBW)

PHYSICAL SPECIFICATIONS

Dimensions *(W x H x D)*	435 x 127 x 395mm
Net weight	13 kg
Shipping weight	14.3 kg
Power consumption *(120 ~ 240V, 50/60Hz)*	970VA

* Minimum power per chnnel, 20Hz - 20kHz, both channels driven with no more than rated distortion.

Dimensions are of unit's cabinet without attached feet; add up to 18mm for total height.

Dimension depth excludes terminals, sockets, controls and buttons.