

Announcing the Bryston 4B THX®



Bryston's 4B THX amplifier is a home theater version of our new 4B series, certified to meet all requirements for Lucasfilm Home THX Audio Systems.

To comply with the certification requirements of the THX program, this model has slightly different gain from the 4B NRB, and is tested for parameters related to its intended use within a multichannel audio/video system, such as magnetic radiation, dynamic range, DC offset, and physical noise.

In the 4B THX, as in all our new series of amplifiers, Bryston's ultra linear circuit topology is optimized to provide the ultimate listening experience. All circuitry is discrete and symmetrical. The inputs, (Balanced standard), have a linearizing buffer which reduces distortion even in the source. Our exclusive Quad-Complementary output section gives characteristics similar to class A but with much lower distortion, for flawless transparency with any type of speaker. Dual power supplies each employ multiple filter capacitors for lower resistance and faster response. The channels plug directly into the power supplies, further reducing resistance for improved current flow and more efficient filtering. This provides better impact, sharper focus and more realistic dynamic range.

Bryston's new 4B series are among the most linear amplifiers ever designed, with IM distortion below the limits of accurate measurement, even at the .0008% residual levels of our computer-controlled analyzers. What this means to you is transparency and ease of listening beyond what you may have experienced before.

The 4B THX is an amplifier specific to the home theater market, but which has a level of precision and authority previously available only in the best audiophile music systems. Bryston's 4B THX adds new power and realism to even the finest audio/video installation.

® THX is a registered trademark of LucasArts Entertainment Company.

20 Year Warranty - A Generation of Music



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4B THX SPECIFICATIONS

Watts	250 watts per channel, 8 ohms 400 watts per channel, 4 ohms 800 watts, bridged, 8 ohms
Distortion	Less than 0.01% from 20 Hz to 20kHz at 250 watts, IM or THD
Noise	100dB below full output
Crosstalk	Below noise 20Hz to 20 kHz at 250 watts
Slewing rate	Greater than 60 volts per microsecond Greater than 120 volts per microsecond, bridged
Power bandwidth	Less than 1 Hz to over 100kHz
Damping factor	Over 500 at 20Hz, ref. 8 ohms
Input sensitivity and impedance	1.5V in for full output, 50 k
Features	Mono/Stereo switch Over 6400 cm ² of heat- sinking; over 9600 cm ² with chassis Regulated power sup- plies to all voltage gain stages Gold plated input and output connectors Switchable balanced XLR & RCA unbalanced inputs Warranty: 20 years parts, labour, shipping one way
Dimensions	19 x 5.25 x 15.5 inches, 48.25 x 13.33 x 39.4 cm, wt: 42 lbs, 18 kg



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