

ARAGON

3000 Series Power Amplifiers

Product Information Guide

- ◉ THX Ultra Certified
- ◉ Styled to match the Aragon Stage One processor and the 28K Stereo preamplifier
- ◉ 432 mm width ensures cosmetic compatibility with a wide variety of source components
- ◉ Ideal for both Home Theatre and no-compromise audiophile music reproduction
- ◉ Outstanding build quality with rugged toroidal mains transformer and huge high-current 24,000 μ F reservoir capacitors
- ◉ Unbalanced and balanced (XLR) input options
- ◉ Two pairs of high quality output terminals per channel facilitate standard and bi-wiring modes
- ◉ Connection labels feature normal and upside-down script for hassle-free connections
- ◉ Very high power output - 300W RMS per Channel
- ◉ Extreme stability and phenomenal low-load performance - 500 W RMS/Channel into 4 Ohm loads
- ◉ Exceptional dynamics even when all channels are under load
- ◉ SmartPower™ enables the amplifier to perform at optimal levels in high-end two-channel audio and all home theatre environments
- ◉ Extended level LF response to 10Hz (-0.5dB)
- ◉ High slew rate and low TIM distortion (<0.005%) for optimal transfer of fast, heaviest transients
- ◉ Each power output stage uses four pairs of rugged complementary bi-polar transistors - output stage will not self-limit at high power like many MOSFETs
- ◉ Huge heat sinks for cooler running even under very high stress levels
- ◉ High Damping factor (500 into 8 Ohms) ensures tight control and freedom from bass ringing - the speaker knows who's boss
- ◉ Class A operation up to 5 W output minimises cross-over distortion, optimises low-level transient performance
- ◉ Very high S/N ratio (>-110dB A wtd.) ensures virtual freedom from background noise even at very low levels - ideal for Klipsch and other high-efficiency loudspeakers
- ◉ Available in 5-channel, and 2-channel versions for high flexibility options



3005 Front and Interior Views



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Specifications

DESIGN:

THX Ultra2 Amplifiers

POWER OUTPUT

300 watts/ch into 8 ohms at less than 0.02% THD (20Hz-20kHz)
500 watts/ch into 4 ohms at less than 0.03% THD

FREQUENCY RESPONSE:

20Hz-20kHz +0/-0.1dB
10Hz-100kHz +0/-0.5dB

TIM/DIM DISTORTION:

0.005%

S/N RATIO:

110dB A-weighted

DAMPING FACTOR:

500 (8 ohms - 50Hz)

INPUT SENSITIVITY:

100mV-1W / 1.72V-300W (SE)
200mV-1W / 3.44V-300W (BAL)

INPUT IMPEDANCE:

20k ohms (SE)
32k ohms (BAL)

INPUTS:

Gold-plated RCA Phono Jacks & XLR Balanced Jacks

OUTPUTS:

Insulated Speaker Binding Post Terminals (2 sets per channel)

POWER CONSUMPTION:

3002: 65W @ Idle / 1200W Maximum
3005: 105W @ Idle / 1200W Maximum

HEIGHT:

3002: 7.5" (19.1cm)
3005: 7.5" (19.1cm)

WIDTH:

17" (43.2cm)

DEPTH:

3002: 15.25" (38.7cm)
3005: 20.75" (52.7cm)

WEIGHT:

3002: 45 lbs. (20.4kg)
3005: 64 lbs. (29.1kg)

3005

5-ch THX Ultra2 Amplifier

300 watts/ch. 8 ohms < 0.03% THD
(20Hz-20kHz - 3 channels driven)



3002

2-ch THX Ultra2 Amplifier

300 watts/ch. 8 ohms < 0.03% THD
(20Hz-20kHz - both channels driven)

