

SB-301

Power Amplifier



The SB-301 is at home in demanding music or theatre applications and will perform flawlessly under the most arduous conditions.

The Plinius SB-301 is our answer to the perennial power versus sonic quality debate.

The Plinius design team decided that a 300 watt, SA-103 package was needed and this is exactly what the SB-301 is. The basic circuit topology is the same as the SA-103 but with a larger power supply and more rugged output stage. The number of

output devices is double that of the SA-103 and the two toroidal transformers are larger.

The SB-301 operates in Class AB bias and as such the standing temperature is lower than that encountered in our SA series designs.

The construction of the SB-301 is to the same extreme of quality

as the rest of the Plinius line and offers the rugged dependability of the SA series designs.

It is widely believed that as amplifier power increases, the sonic ability diminishes. Clearly the SB-301 dispels this notion and will deliver all the dynamics, finesse and transparency that Plinius is renowned for.

PLINIUS

The heart of music
www.pliniusaudio.com

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POWER

310 watts continuous per channel into 8 ohms. 470 watts RMS per channel into 4 ohms. Both channels driven from 20Hz to 20kHz at less than 0.2% total harmonic distortion

FREQUENCY RESPONSE

20Hz to 20kHz +/-0.2dB
-3dB at 70 kHz

DISTORTION

Typically <0.05% THD at rated power
0.1% THD and IM worst case prior to clipping

CURRENT OUTPUT

100A short duration peak per channel
Fuse protected

RISE TIME

Typically 5µs

PHASE RESPONSE

+0° at 20Hz and -14° at 20kHz

HUM AND NOISE

100dB below rated output 20Hz to 20kHz, A weighted

INPUT IMPEDANCE

47k ohms

GAIN

RCA Inputs: 32dB
Balanced Inputs: 38dB

POWER/CURRENT CONSUMPTION

1100VA
1.6A (370W) Class AB Idle
0.2A (46W) Standby

PRODUCT FEATURES

1 x RCA WBT Input
1 x XLR Neutrik Input
2 x WBT Output Connections
Trigger In
Ground Lift Switch
Available in reduced width
Available in black or silver

DIMENSIONS

Height: 220mm (8.75")
Width: 500mm (19.75")
Depth: 455mm (18")
Weight: 38kg (83lb)



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