2 channel class AB power amplifier

PRELIMINARY SPECIFICATIONS

- Nominal power measured into 4Ω: 2x100W
- Nominal power measured into 2Ω: 2x140W
- Power in bridged mode: 1x260W
- Input impedance: 20kΩ
- THD: <1% at 1Ω
- Signal/noise ratio: >80dB A
- Damping factor into 4Ω: 100 at 1kHz
- Frequency response (-1dB): 10Hz – 60kHz
- Input sensitivity: 0.2 – 5V
- Input sensitivity high level: 0.4 – 9Vrms
- High-pass crossover (1/2 and 3/4 channels): 50 – 150Hz (12 dB/oct)
- Low-pass crossover (sub channel): 50 – 150Hz (12 dB/oct)
- Remote control (sub channel): No
- Adjustable bass boost level: No
- Variable phase (SUB): No
- Subsonic filter: No
- Maximum cross section of loudspeaker cables: 10mm² / 7 AWG
- Maximum cross section of power cables: 25mm² / 3 AWG
- Protections: Short-circuit, Thermal overload, Overvoltage, Polarity reversal
- Dimensions (HxWxD): 23/8x83/16x711/16 (60x234x195mm)
- RMS power - 14.4V 4Ω - THD+N <1% (CEA 2006): 2x80W

Features:
- "Auto Power On" on the high-level input
- High and low level inputs
- Stable into 2 Ohms (stereo mode)
- Pseudo-balanced RCA input

MECHANICAL DRAWING

THD

Rms power - 14.4V 4Ω - THD+N <1% (CEA 2006): 2x80W