

ONE 604

4-channel AB class amplifier / black

CEA-2006-A SPECIFICATIONS

POWER RATING: 60 Watt per channel @ 4 Ohm < 1% THD+N**SN RATIO:** >84 dBA (reference: 1 Watt into 4 Ohm)MOS SPECIFICATIONS (T_{case} = 25 °C / 4 Ohm stereo / 0.4V input level @ 14.4 Volt if not otherwise specified)**TARGET POWERS:** 60 Watt x 4 - ST @ 4 Ohm

88 Watt x 4 - ST @ 2 Ohm

180 Watt x 2 - BTL @ 4 Ohm

EFFECTIVE POWERS: 66 Watt (50 Watt @12V6) x 4

94 Watt (72 Watt @12V6) x 4

188 Watt (144 Watt @12V6) x 2

30.0 A (η = 63.6%) @ 4 Ohm / ST mode / 1% THD / 1KHz50.2 A (η = 54.6%) @ 2 Ohm / ST mode / 1% THD / 1KHz50.2 A (η = 54.6%) @ 4 Ohm / BTL mode / 1% THD / 1KHz**THD @ 4 Ohm / ST mode:**

< 0.02 % (1KHz / 90% Power rating ref)

Absolute maximum operation supply voltage range:

10,5 V ÷ 15 V

Bandwidth (-3dB ÷ 1 Watt):

< 5 Hz ÷ 100 KHz

Input sensitivity (Power rating ref):

0.4 Vrms ÷ 8 Vrms

Input impedance @ 1 KHz (STEREO input):

10 KOhm [Low Level] / 33R [High Level]

S/N ratio (AP filter 10 Hz - 22 KHz) - Power rating ref:

101 dB ("A" weighted)

Features:

HIGH Pass [Front] / HIGH Pass or LOW Pass [Rear]

(45 ÷ 225Hz - 12dB/oct) [Front] & [Rear]

Remote Volume Control [Rear] (low pass only)

(-12dB ÷ 0dB)

Front Stage Adjuster [Front] / Phase Shift 0° ÷ 180° [Rear]

High Low Adapter [Front] & [Rear] (auto switch-on)

Thermal cutoff Threshold:

88 °C (±5°C)

Cooling Fan Temperature Threshold:

50 °C (±5°C)

Load drive limitations (*):

2 Ohm / 4 Ohm (Stereo / Bridged)

Suggested fuse:

2x20 A (onboard)

Size:

200x200x50 mm

Weight:

1,7 Kg

(* VERY IMPORTANT NOTE - READ CAREFULLY)

4 Ohm ST or 8 Ohm BTL – CONTINUOUS SINEWAVE SIGNAL – pure resistive load or speaker load.

2 Ohm ST or 4 Ohm BTL – MUSICAL SIGNAL – pure resistive load or speaker load.