

# A CLASS

2-channel A class amplifier / Dual Mono

CEA-2006-A SPECIFICATIONS

**POWER RATING:** 100 Watt per channel @ 4 Ohm < 1% THD+N**SN RATIO:** >92 dBA (reference: 1 Watt into 4 Ohm)

MOS SPECIFICATIONS (Tcase = 25 °C / 4 Ohm stereo / 0.2V input level @ 14.4 Volt if not otherwise specified)

**TARGET POWERS:** 100 Watt per channel @ 4 Ohm

170 Watt per channel @ 2 Ohm

**EFFECTIVE POWERS:** 100 Watt x 2 @ 4 Ohm38 A ( $\eta = 36.5\%$ ) @ 1 % THD / 1KHz

170 Watt x 2 @ 2 Ohm

60 A ( $\eta = 39.5\%$ ) @ 1 % THD / 1KHz**THD @ 4 Ohm / ST mode:**

&lt; 1 % (1KHz / 90% Power rating ref)

**Absolute maximum operation supply voltage range:**

10 V ÷ 16 V

**Bandwidth (-3dB ÷ 1 Watt):**

&lt; 5 Hz ÷ 100 KHz / &lt; 5 Hz ÷ 165 KHz with PRE disabled

**Input sensitivity (Power rating ref):**

0.2 V ÷ 5 V

**Input impedance @ 1 KHz (STEREO input):**

11 KOhm

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

70 dB ("A" weighted)

**Thermal cutoff Threshold:**88 °C ( $\pm 5^\circ\text{C}$ )**ProSPEED® Fan Controller Threshold:**55 °C ( $\pm 5^\circ\text{C}$ )**Special features:**

Straight input to the output stage

Dynamically controlled class demand

**"AB" class threshold:**

30 WattRMS

**Load drive limitations (\*):**

2 Ohm

**Suggested fuse:**

80 A (Internal)

**Size:**

450x250x50 mm

**Weight:**

5,5 Kg

**(\* ) VERY IMPORTANT NOTE - READ CAREFULLY**

Stereo mode only! - This product doesn't support BTL and/or Tri-mode configuration.