

## AS200.2

amplificatore 2 canali disponibile nei colori Silver e White

CEA-2006-A SPECIFICATIONS

**POWER RATING:** 200 Watt per channel @ 4 Ohm < 1% THD+N

**SN RATIO:** >85 dBA (reference: 1 Watt into 4 Ohm)

MOS SPECIFICATIONS (T<sub>case</sub> = 25 °C / 4 Ohm stereo / 0.2V input level @ 14.4 Volt if not otherwise specified)

**TARGET POWERS:** 200 Watt per channel @ 4 Ohm

320 Watt per channel @ 2 Ohm

640 Watt BTL mode @ 4 Ohm

1000 Watt BTL mode @ 2 Ohm (\*)

**EFFECTIVE POWERS:** 219 Watt (167 Watt @12V6) x 2

357 Watt (273 Watt @12V6) x 2

714 Watt (546 Watt @12V6) x 1

44.8 A ( $\eta$  = 67.9 %) @ 4 Ohm / ST mode / 1% THD / 1KHz

80.1 A ( $\eta$  = 61.9 %) @ 2 Ohm / ST mode / 1% THD / 1KHz

80.1 A ( $\eta$  = 61.9 %) @ 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 V ÷ 16 V

**Bandwidth (-3dB ÷ 1 Watt):**

< 5 Hz ÷ 150 KHz

**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:**

108 dB ("A" weighted)

**Xover functions:**

HIGH Pass & LOW Pass (BAND Pass allowed)  
(20 ÷ 175Hz) & (50 ÷ 300Hz)

**Filter slope - Filter "Q":**

12 dB/oct - 0.7 (Stereo & Mono)

**Thermal cutoff Threshold:**

88 °C (±5°C)

**ProSPEED® Fan Controller Threshold:**

55 °C (±5°C)

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

1 Ohm / 2 Ohm (Stereo / Bridged)

**Suggested fuse:**

80 A (Internal)

**Size:**

350x200x50 mm

**Weight:**

3,5 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

1 Ohm ST or 2 Ohm BTL – MUSICAL SIGNAL – speaker load only