

# ONE 240.2

2-channel AB class amplifier / black  
CEA-2006-A SPECIFICATIONS

**POWER RATING:** 230 Watt per channel @ 4 Ohm < 1% THD+N

**SN RATIO:** >77 dBA (reference: 1 Watt into 4 Ohm)

MOS SPECIFICATIONS (T<sub>case</sub> = 25 °C / 4 Ohm stereo / 0.4V input level @ 14.4 Volt if not otherwise specified)

**TARGET POWERS:** 230 Watt x 2 - ST @ 4 Ohm  
340 Watt x 2 - ST @ 2 Ohm  
680 Watt x 1 - BTL @ 4 Ohm

|                                                        |                                                              |
|--------------------------------------------------------|--------------------------------------------------------------|
| <b>EFFECTIVE POWERS:</b> 233 Watt (180 Watt @12V6) x 2 | 51.0 A ( $\eta$ = 63.5 %) @ 4 Ohm / ST mode / 1% THD / 1KHz  |
| 345 Watt (266 Watt @12V6) x 2                          | 86.8 A ( $\eta$ = 55.2 %) @ 2 Ohm / ST mode / 1% THD / 1KHz  |
| 690 Watt (532 Watt @12V6) x 1                          | 86.8 A ( $\eta$ = 55.2 %) @ 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:**

100 dB ("A" weighted)

**Features:**

HIGH Pass or LOW Pass

(45 ÷ 225Hz - 12dB/oct)

Remote Volume Control (low pass only)

(-12dB ÷ 0dB)

Front Stage Adjuster (onboard)

High Low Adapter (onboard, auto switch-on)

**Thermal cutoff Threshold:**

88 °C (±5°C)

**Cooling Fan Temperature Threshold:**

55 °C (±5°C)

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

2 Ohm / 4 Ohm (Stereo / Bridged)

**Suggested fuse:**

2x40 A (onboard)

**Size:**

300x200x50 mm

**Weight:**

2,5 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.