

# ONE 120.2

2-channel AB class amplifier / black

CEA-2006-A SPECIFICATIONS

**POWER RATING:** 120 Watt per channel @ 4 Ohm < 1% THD+N**SN RATIO:** >81 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:**  
120 Watt x 2 - ST @ 4 Ohm  
175 Watt x 2 - ST @ 2 Ohm  
350 Watt x 1 - BTL @ 4 Ohm**EFFECTIVE POWERS:**  
123 Watt (93 Watt @12V6) x 2      26.7 A ( $\eta$  = 64.0 %) @ 4 Ohm / ST mode / 1% THD / 1KHz  
182 Watt (139 Watt @12V6) x 2      45.8 A ( $\eta$  = 55.2 %) @ 2 Ohm / ST mode / 1% THD / 1KHz  
364 Watt (278 Watt @12V6) x 1      45.8 A ( $\eta$  = 55.2%) @ 4 Ohm / BTL mode / 1% THD / 1KHz**THD @ 4 Ohm / ST mode:**

&lt; 0.02 % (1KHz / 90% Power rating ref)

**Absolute maximum operation supply voltage range:**

10,5 V ÷ 15 V

**Bandwidth (-3dB ÷ 1 Watt):**

&lt; 5 Hz ÷ 150 KHz

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

0.4 Vrms ÷ 8 Vrms

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

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

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

102 dB ("A" weighted)

**Features:**

HIGH Pass or LOW Pass

(45 ÷ 225Hz - 12dB/oct)

Remote Volume Control (low pass only)

(-12dB ÷ 0dB)

Front Stage Adjuster

High Low Adapter (auto switch-on)

**Thermal cutoff Threshold:**88 °C ( $\pm 5^{\circ}\text{C}$ )**Suggested fuse:**

2x20 A (onboard)

**Size:**

190x200x50 mm

**Weight:**

1,6 Kg

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

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

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