



New RA220

• dual mono amplifier

- 2x 200W rms nominal power.
 - Built as "DUAL MONO" (fully separate 2 main boards).
 - "Audiophile grade" audio quality - Zero Feedback Ratio Design.
 - 1x 500W rms bridged power.
 - Two independent 600W DC (@12V) high frequency switching power supplies.
 - No one aluminum capacitor in the signal path.
 - Three couples 200W complementary power Mosfet (each) on audio output stage.
 - Intelligent electronic protection design capable to put out high impulsive currents.
- Very compact outline, with two integrated high flux fans. Fine chromed and polished finish.

TECHNICAL PAPER - New RA220

CONTINUOUS OUTPUT NOMINAL POWER *:

[both ch. driven from 20 hz to 20 KHz; THD < 0.1%]

2x 200Watt/4ohm @11.5Vbatt.

2x 250Watt/2ohm @12 Vbatt.

1x 500watt/4 ohm BRIDGE @ 12Vbatt

OUTPUT CURRENT [THD<1%; 20 hz to 20 KHz]:

12 Arms continuous

20 Arms (100ms peak)

STEREO SEPARATION: 80 Db at 1 KHz

INPUT SENSITIVITY: max 1 Vrms; min 5 Vrms

SIGNAL TO NOISE RATIO: >115 Db "A" weighted

FREQUENCY RESPONSE [-3Db]: at 6 hz and more than 120 KHz (at nominal power into 4 ohm)

*THD: less than 0.1% until 1° clipping [20 hz to 20 KHz]

INPUT IMPEDANCE: 10 Kohm

CURRENT CONSUMPTION [at 12 Vbatt]:

- idle = (0.9+0.9) A

- 34+34 A max at nominal power into 4 ohm (2ch.)

- 42+42 A max at nominal power into 2 ohm (2ch.)

-

PROTECTION TRIGGER AT:

- short on speakers outputs

- battery voltage < 9 V

- battery voltage > 15 V

- thermal with proportional start of fans at 40° C, shutdown at 70° C

- fully muted at turn on and off

DIMENSIONS AND WEIGHTS:

325 x 188 x 42 mm

3.3 Kg