



RA275

2ch. AMPLIFIER

- 2x 75W rms nominal output power;
- "Audiophile grade" audio quality - Zero Feedback Ratio Design;
- 1x 240W rms mono bridged (into 4 ohm);
- Tri-mode operation (mono + stereo without any switch or adapter);
- 500W DC (@12V) high frequency switching power supply;
- Adjustable bass boost eq. @40 hz to correct speakers roll-off;
- No one aluminum capacitor or mechanical switch on signal path;
- 200W complementary power Mosfet on audio output stage;
- Intelligent electronic protect design capable to put out high impulsive currents;
- Very compact outline, with integrated high flux fan;
- Fine chromed and polished finish.

TECHNICAL PAPER - RA275

CONTINUOUS OUTPUT NOMINAL POWER *:

[both ch. driven from 20 hz to 20 KHz; THD < 0.1%]
 2x 75Watt/4ohm @11Vbatt.
 2x 120Watt/2ohm @11.5 Vbatt.
 1x 240Watt/4ohm (bridged) @ 11.5Vbatt.

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

8 Arms continous
 14 Arms (100mS peak)

- adjustable bass-boost @40Hz (0/+12 Db max)

FREQUENCY RESPONSE [-3Db]: at 6 hz and more than 140 KHz (at nominal power into 4 ohm)

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

INPUT IMPEDANCE: 10 Kohm

INPUT SENSITIVITY: max 300 mVrms; min 4 Vrms

STEREO SEPARATION: 65 Db at 1 KHz

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

CURRENT CONSUMPTION [at 12 Vbatt]:

- idle = 0.8 A
- 24 A max at nominal power into 4 ohm (stereo)
- 38 A max at nominal power into 2 ohm (stereo)
- 38 A max at nominal power into 4 ohm (bridged)

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:

234 x 188 x 42 mm
 1.3 Kg