



RA150m

MONO AMPLIFIER

- Mono amplifier dedicated to low-mid, midrange or full-range 2 or 3 ways system
- "Audiophile grade" audio quality - Zero Feedback Ratio Design.
- Output power 150W rms nominal output power.
- 240W rms into 2 ohm.
- 500W DC (@12V) high frequency switching power supply.
- Bessel linear phase and low noise filters.
- High pass (12Db/oct) for external amplifiers can be tuned from 250Hz to 3.5KHz.
- Low pass (18Db/oct) can be tuned from 250Hz to full-range.
- No one aluminum capacitor or mechanical switch on signal path.
- 200W complementary 2 pair power Mosfet in the audio output stage.
- Intelligent electronic protect design allow large extra output currents.
- Very compact outline, with integrated high flux fan.
- Fine chromed and polished finish.

TECHNICAL PAPER - RA150m

CONTINUOUS OUTPUT NOMINAL POWER *:

[ch. driven from 20 hz to 20 Khz; THD < 0.1%]
 1x 150Watt/4ohm @11Vbatt.
 1x 240Watt/2ohm @11.5V batt.

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

11 Arms continuous
 20 Arms (100mS peak)

- 18 db/oct low-pass and 12 db/oct high-pass cross-over built-in
- separately adjustable from 250 Hz to 3.5 KHz
- high-pass output for mid-high frequencies external amp - S/N > 110Db - Max output 5Vrms

FREQUENCY RESPONSE [-3Db]: at 5 hz and cross-over frequency

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

SIGNAL TO NOISE RATIO: >120 Db "A" weighted

CURRENT CONSUMPTION [at 12 Vbatt]:

- idle = 0.9 A
- 24 A max at nominal power into 4 ohm
- 38 A max at nominal power into 2 ohm

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

* These power levels have been measured by very tight and severe Joule's law physical effects, it is not possible to compare these values with declared values of other brand.