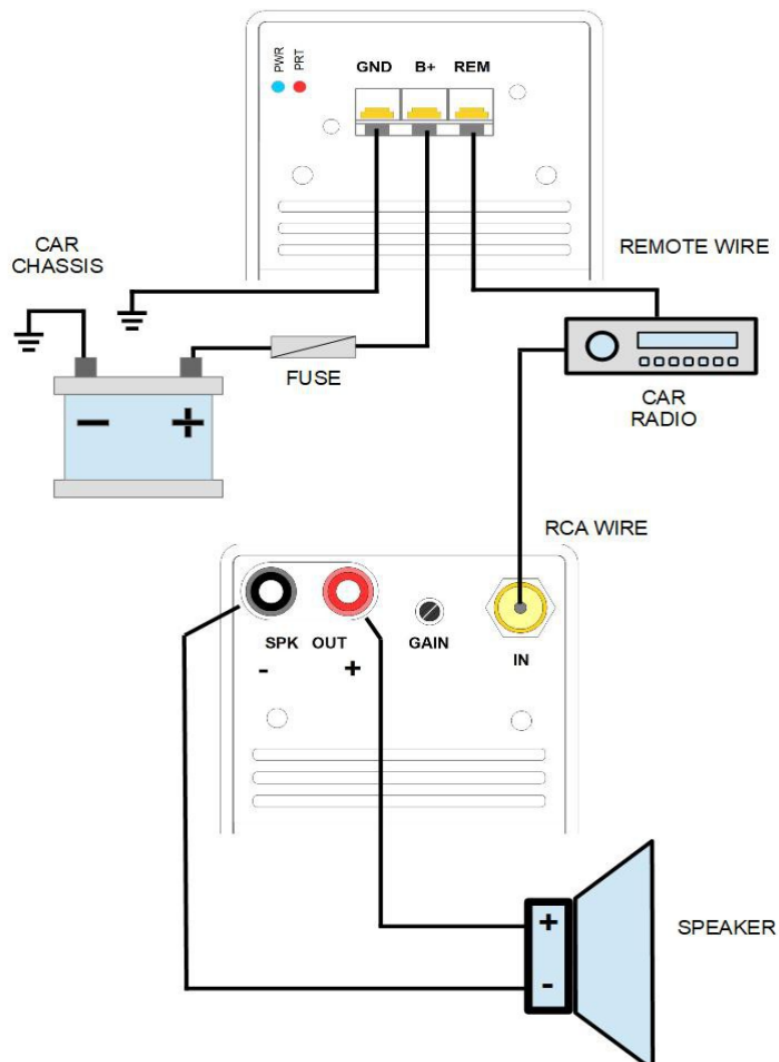


RS Experience M

Features

- Mono amplifier with a sober design built with top quality component:
- Only PTH components is used (no SMD)
- No operational amplifiers on the audio path
- Nichicon/Panasonic Electrolytic Capacitors 105° low ESR
- MUNDORF and MUSE capacitors
- Silver Mica capacitors on compensation and bypass
- ATE power resistors on the signal
- Toshiba BJT
- Full cascode tecnology
- Selected components
- Gold plated printed circuit board (105um copper)
- RCA gold plated connector

Fig.3



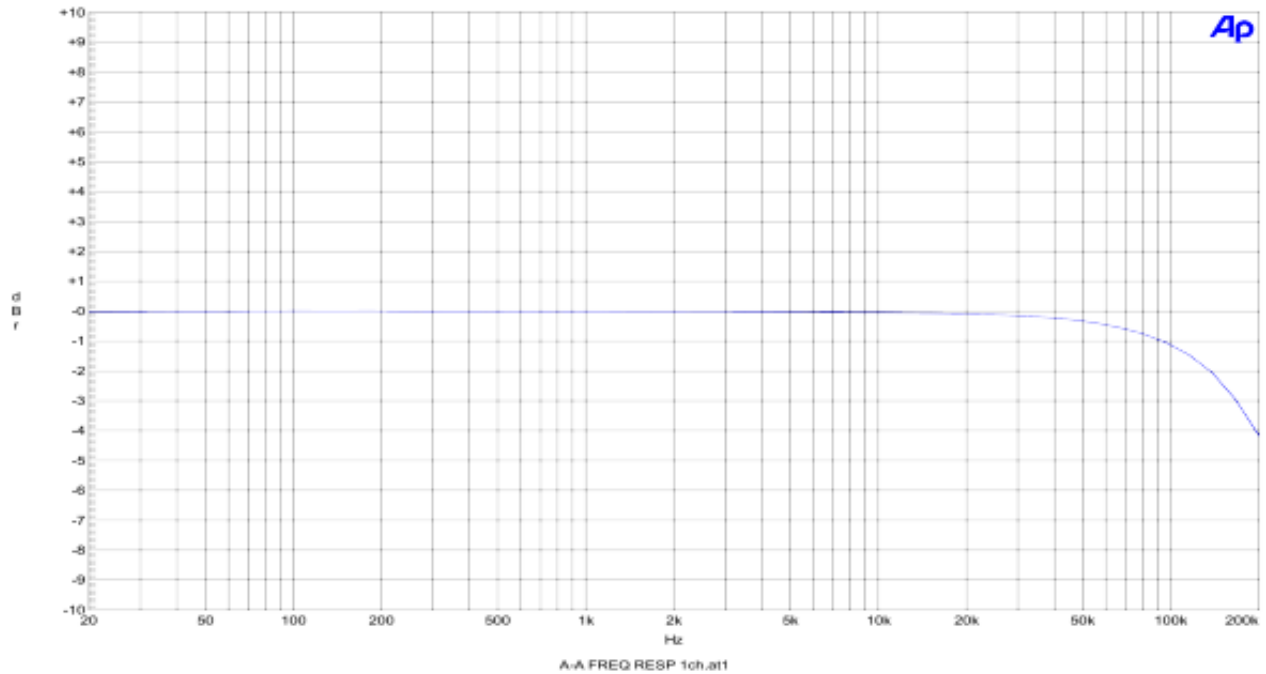
Specification

Number of channels	1
Circuit topology (class)	A/B
Supply topology	Not Stabilized
Power @ 4 Ohm	120 Wrms x 1 (@ 12,5V)
Power @ 2 Ohm	180 Wrms x 1 (@ 12,5V)
Input sensivity	1000mV - 10V
S/N ratio	>110dB (A/W 10Hz-44KHz)
THD+N @ 1KHz	< 0,002% @ 1W <0,003% @ 100W
Damping factor	>250 @ 4 Ohm (20Hz-20KHz)
Efficiency	>60% (global)
Frequency response @ 10 Watt	5Hz—140KHz (-3dB) 5Hz—70KHz (-1dB)
Input impedanceldle current	>15 KOhm with 120pF @ 1KHz
Idle current	1,2 A max
Standby current	< 1 mA
Visual indicator	LEDs
Thermal protection	85° (+/- 5%)
DC protection	Yes
Short circuit protection	Yes
FUSE (internal)	30A
Voltage operation	Limits = 9 to 16 Volt DC Normal = 11 to 14.5 Volt DC
Current draw @ 4 Ohm	13A (max sinusoidal) 7A (musical average)
Cooling	Convection
Dimensions (LxWxH)	260mm x 85mm x 75mm
Weight	1,6 Kg

TYPICAL PERFORMANCE @ 100W 4 Ohm

Audio Precision

FREQUENCY RESPONSE - 100W @ 4Ohm



Audio Precision

THD+N Ratio vs FREQUENCY @ 100W 4Ohm

