

Performance

Rated Output Power

250 Watts x 2 Channel / 4 Ohm
 400 Watts x 2 Channel / 2 Ohm
 500 Watts x 2 Channel / 1 Ohm*
 800 Watts x 1 Channel / 4 Ohm Bridged
 1000 Watts x 1 Channel / 2 Ohm Bridged*

*Reactive Load Measurement

Frequency Response

± .025dB from 10Hz - 20kHz

Extended Frequency Response

± 1dB from 5Hz - 50 kHz

Signal to Noise Ratio

>110dB

Distortion

0.068% @ 4ohm



ELITE.2
 2 CHANNEL
 CLASS A/B AMPLIFIER

Signal Inputs / Filters

Low Level Input Range

200 millivolts - 8 volts

Low Pass Crossover Frequency Range

40Hz to 4kHz

Low Pass Crossover Slope

18dB per Octave

High Pass Crossover Range

20Hz to 4kHz

High Pass Crossover Slope

18dB per Octave

RBC2 Control Range

0 to -40dB Attenuation

Power requirements

Input Voltage

11-15 VDC

Idle Current

1.6A

Max Current Draw

149A

Efficiency @ Full Power

55%

Dimensions

Size

23.3in L x 10.5in W x 2.6in H
 592mm L x 267mm W x 66mm H

Heatsink Thermal Mass

Extruded Aluminum - 13 grams per mm

Power Output

Features

- Class A/B Topology
- Burr Brown Operational Amplifiers
- Monolithic Signal Capacitors
- Massive Dual Package Sanken Output Devices
- Overbuilt, Quad Unregulated Power Supplies
- Hand wound Power Supply Transformers
- Triple Darlington Output Stage
- Isolated Pre-Amp Section
- Crossovers have 41 Detents for Exact Frequency Selection
- Aluminum Shaft Potentiometers
- Panel Mounted RCAs
- Clip Indicators
- Extruded Aluminum Heatsink with Evenflow Technology
- High Temperature Plexiglass Cover
- RMD - Remote Voltage Display Ready
- Remote Level Control with Clip Indicator Included
- Audio Precision Quality Control Verification
- Power Output Birth Certificate

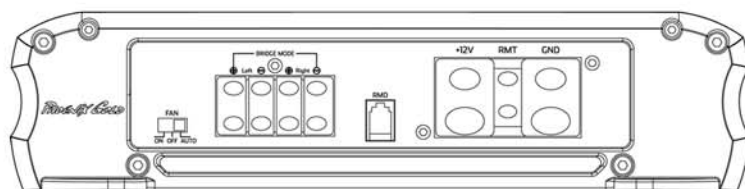
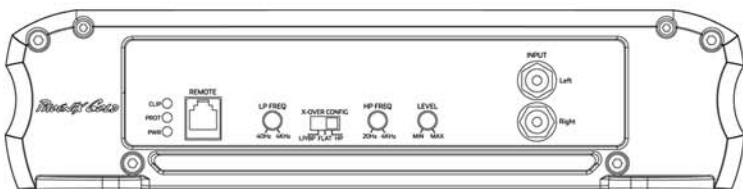
The Elite.2 amplifiers feature only the finest in audio components such as Burr Brown op-amps, Monolithic signal capacitors, and dual-package Sanken output transistors. This result is unparalleled sonic performance in a mobile audio amplifier. The sheer breadth of the Elite amplifiers' dynamic range conveys a musical realism that transcends standard amplifier designs. With seemingly unlimited frequency response and smashing dynamic range the end result is the finest sounding amplifier Phoenix Gold has ever built, period. Oh yeah, they are also built like a brick house and drive low impedance loads without breaking a sweat.

Measurements @ 14.4v DC

Rated Power (Watts)	Number of Channels	Load (Ohms)	Measured THD+N @ Rated Power	RMS Power @ 1% THD	Amperage Draw
500	x2	1 Ω	0.066%	580	142
400	x2	2 Ω	0.051%	509	108
250	x2	4 Ω	0.025%	303	60

Measurements @ 12.6v DC

Rated Power (Watts)	Number of Channels	Load (Ohms)	Measured THD+N @ Rated Power	RMS Power @ 1% THD	Amperage Draw
400	x2	1 Ω	0.170%	453	149
300	x2	2 Ω	0.057%	384	122
200	x2	4 Ω	0.021%	227	67



Note: Elite amplifiers are VERY CONSERVATIVELY rated and will exceed the RMS power rating by up to 30% with music. Elite amplifiers were engineered to be the best sounding mobile amplifiers on the planet. Numbers on this sheet of paper can not truly convey the dynamics and realism these amplifiers can deliver.