

Performance

Rated Output Power

3200 Watts x 1 Channel / 1 Ohm
 2000 Watts x 1 Channel / 2 Ohm
 1000 Watts x 1 Channel / 4 Ohm

Frequency Response

± 1dB from 20Hz - 300Hz

Signal to Noise Ratio

>100dB

Distortion

0.068% @ 4ohm



ELITE.1
 MONOBLOCK
 CLASS D AMPLIFIER

Signal Inputs / Filters

Low Level Input Range

200 millivolts - 8 volts

Low Pass Crossover Frequency Range

30Hz to 300Hz

Low Pass Crossover Slope

24dB per Octave

Subsonic Filter Frequency Range

10Hz - 55Hz @ -12dB per Octave

Subsonic Filter Slope

24dB per Octave

Bass Boost @ 45Hz

0 - 18dB

Phase Adjustment

Fully variable control 0-180°

RBC2 Control Range

0 to -20dB Attenuation

Features

- Linkable or strappable to an additional ELITE.1
- Class D Topology
- Overbuilt, Quad Unregulated Power Supplies
- Hand wound Power Supply Transformers
- 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 - (not included)
- Remote Level Control with Clip Indicator - Included
- Audio Precision Quality Control Verification
- Power Output Birth Certificate

The Elite.1 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.

Power requirements

Input Voltage

11-15 VDC

Idle Current

2.7A

Max Current Draw

368A

Efficiency

85%

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

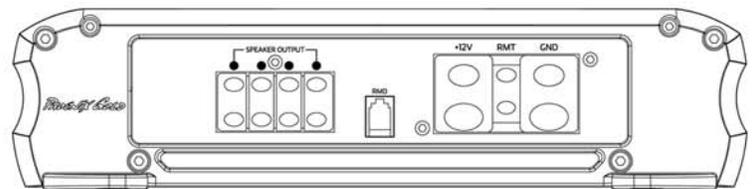
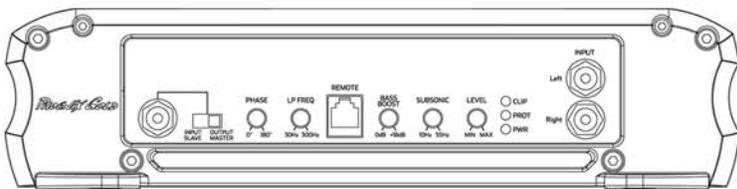
Power Output

Measurements @ 14.4v DC

Rated Power (Watts)	Number of Channels	Load (Ohms)	Measured THD+N @ Rated Power	RMS Power @ 1% THD	Amperage Draw
3200	x1	1 Ω	0.44%	4100	368A
2000	x1	2 Ω	0.09%	2445	194A
1000	x1	4 Ω	0.068%	1321	101A

Measurements @ 12.6v DC

Rated Power (Watts)	Number of Channels	Load (Ohms)	Measured THD+N @ Rated Power	RMS Power @ 1% THD	Amperage Draw
2500	x1	1 Ω	0.44%	3124	315A
1500	x1	2 Ω	0.09%	1868	169A
900	x1	4 Ω	0.07%	1006	88A



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.