

Performance

Rated Output Power

150 x 4 @ 4 ohms Stereo
250 x 4 @ 2 ohms Stereo
300 x 4 @ 1 ohm Stereo*
500 x 2 @ 4 ohms Bridged
600 x 2 @ 2 ohms Bridged*
*Reactive Load Measurement

Frequency Response

± .025dB from 10Hz - 20kHz

Extended Frequency Response

± 1dB from 5Hz - 50 kHz

Signal to Noise Ratio

>110dB

Distortion

0.021% @ 4ohm



ELITE.4
4 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

1.5A

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
- Front and Rear 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

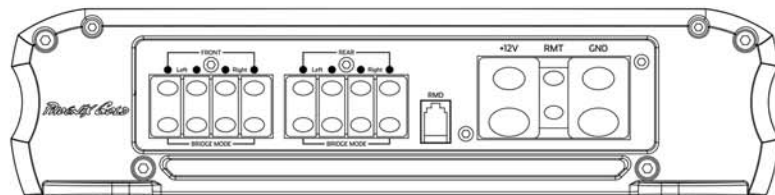
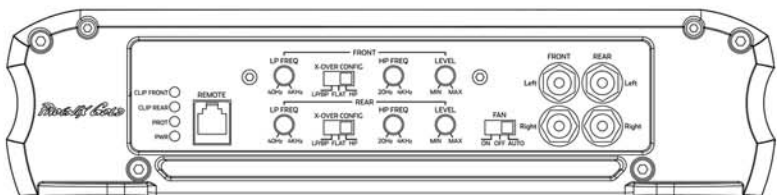
The Elite.4 amplifiers feature only the finest in audio components such as Burr Brown op-amps, Monolithic signal capacitors, and dual-package Sanken output transistors. This result is unparalleled sonic performance in a mobile audio amplifier. The sheer breadth of the Elite amplifiers' dynamic range 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
300	x4	1 Ω	0.170%	330	179
250	x4	2 Ω	0.057%	290	124
150	x4	4 Ω	0.021%	172	69

Measurements @ 12.6v DC

Rated Power (Watts)	Number of Channels	Load (Ohms)	Measured THD+N @ Rated Power	RMS Power @ 1% THD	Amperage Draw
275	x4	1 Ω	0.170%	321	184
200	x4	2 Ω	0.057%	221	118
100	x4	4 Ω	0.021%	131	62



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.