

### Tantrum 200.2 and 250.2 Amplifiers

### **SPECIFICATIONS**

Continuous Output Power at 1% THD (watts):

#### Tantrum 200.2

Into 4 ohms Stereo @ 12.5 Vdc (IASCA/USAC) 20 x 2
Into 4 ohms Stereo @ 14.4 Vdc50 x 2
Into 2 ohms Stereo @ 14.4 Vdc100 x 2
Into 4 ohms Bridged @ 14.4 Vdc200 x
Recommended Fuse Size
Dimensions without Endcaps8.4L x 10.0W x 2.35H
Dimensions with Endcaps

#### Tantrum 250.2

Into 4 ohms Stereo @ 12.5 Vdc (IASCA/USAC)	.25 x 2
Into 4 ohms Stereo @ 14.4 Vdc	.65 x 2
Into 2 ohms Stereo @ 14.4 Vdc	125 x 2
Into 4 ohms Bridged @ 14.4 Vdc	.250 x 1
Recommended Fuse Size	ΓO style
Dimensions without Endcaps8.4L x 10.0W	x 2.35H
Dimensions with Endcaps 13.4L x 10.0W	x 2.35H

#### Common Specifications

Frequency Response±1dB, 20Hz to 20kHz Signal to Noise Ratio (A-weighted)>100dB
Input Sensitivity
High Pass Crossover Frequency
Low Pass Crossover Frequency90Hz Fixed
Crossover Slope
Bass Boost
DC Input Voltage Range 10 volts to 15.5 volts
Typical Current Draw at Idle<2 amps
Minimum Bridged Load
Minimum Stereo Load1 ohm
Maximum Power Load4 ohms bridged or 2 ohms stereo

Due to ongoing research and development, features, specifications and availability are subject to change without notice.

### LIMITED WARRANTY

Phoenix Gold International, Inc. (or "Phoenix Gold") warrants its products against defects in materials and workmanship for a limited period of time. For a period of one (1) year from date of original purchase, we will repair or replace the electronic product, at our option, without charge for parts and labor. The limited warranty period is EXTENDED to three (3) years from date of original purchase if the product was originally installed by an authorized Phoenix Gold electronics dealer and accompanied by a valid sales receipt showing a charge for installation. Customer must pay all parts and labor charges after the limited warranty period expires. The limited warranty period for factory refurbished products expires after ninety (90) days from date of original purchase. This limited warranty applies only to purchases from authorized Phoenix Gold Electronics/Speaker retailers.

This limited warranty is extended only to the original purchaser and is valid only to consumers in the United States. Consumers are required to provide a copy of the original sales invoice from an authorized Phoenix Gold dealer when making a claim against this limited warranty. This limited warranty only covers failures due to defects in materials or workmanship that occur during normal use. It does not cover failures resulting from accident, misuse, abuse, neglect, mishandling, misapplication, alteration, faulty installation, modification, service by anyone other than Phoenix Gold, or damage that is attributable to Acts of God. It does not cover costs of transportation to Phoenix Gold or damage in transit.

This warranty will become void if the serial number identification has been wholly or partially removed, altered or erased. Repair or replacement under the terms of this warranty does not extend the terms of this warranty. Should a product prove to be defective in workmanship or material, the consumer's sole remedies will be repair or replacement as provided under the terms of this warranty. Under no circumstances shall Phoenix Gold be liable for loss or damage, direct, consequential or incidental, arising out of the use of or inability to use the product. There are no express warranties other than described above.



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# Tantrum 200.2 and 250.2 2 Channel Amplifiers

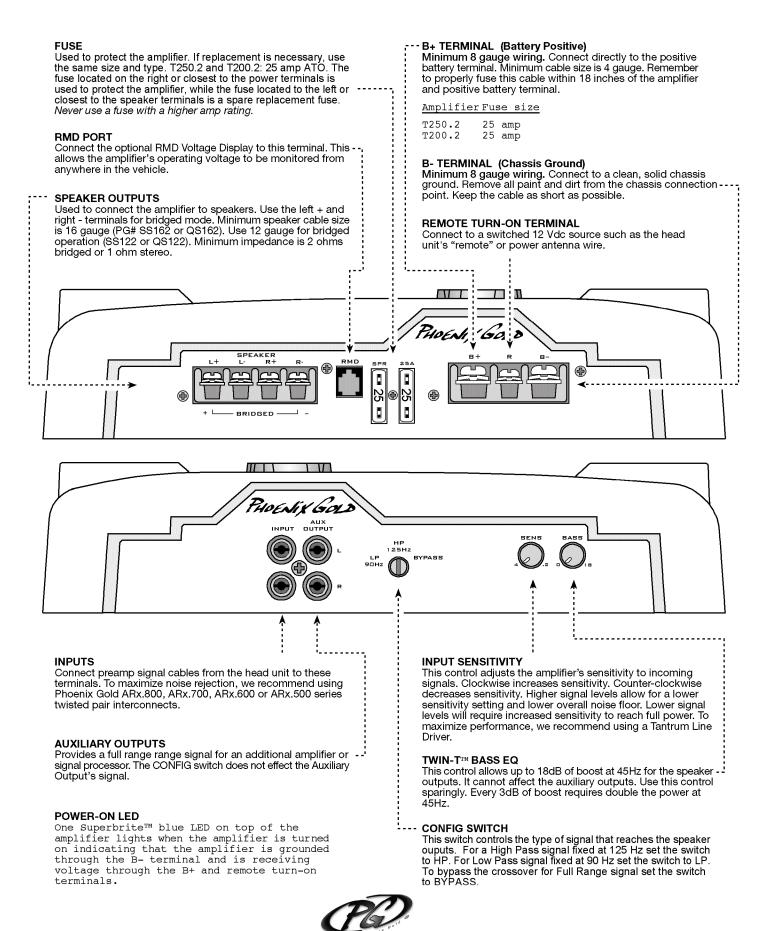
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### FEATURES

\* For complete manuals, technical tips, FAD's, system diagrams and new product information visit us 🏻 🧲

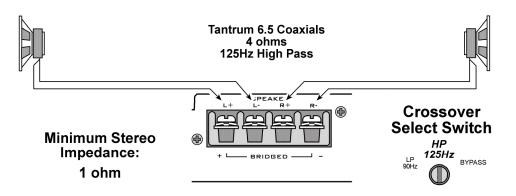
- · Aluminum alloy cast heatsink with fly cut fins
- Superbrite<sup>™</sup> blue power-on LED
- Defeatable 18dB per ctave high or low pass crossover: fixed at 125Hz high pass or 90Hz low pass
- Auxiliary output provides a full range signal to an additional amplifier
- · Remote monitoring display output connects to optional RMD voltage display
- Adjustable Twin-T<sup>™</sup> bass equalization with +18dB of boost centered at 45Hz
- Tri-Linear™ capability allows simultaneous stereo and bridged mono operation
- · Optimized muting circuitry eliminates turn-on and turn-off noises
- · Advanced thermal and overload protection
- 2 layer, 2 ounce, copper G10 glass-epoxy printed circuit boards
- · Features surface mount technology
- Audiophile grade capacitors and resistors
- · Gold plated power and speaker terminals
- · Gold plated signal input and output jacks
- . Linkable using the optional Tantrum link to connect multiple amplifiers together
- Pictured Endcaps sold separately

### Operational Details



### System Examples

# SPEAKER OUTPUT AUXILIARY OUTPUT HIGH PASS FULL RANGE



## SPEAKER OUTPUT AUXILIARY OUTPUT LOW PASS FULL RANGE

