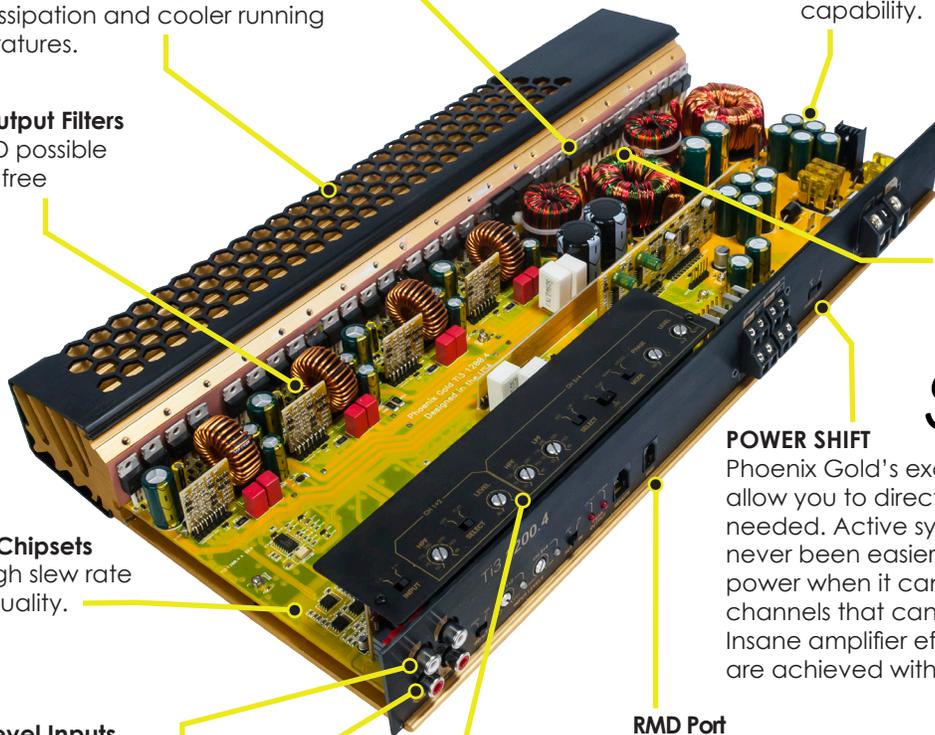


Ti3 series

Our Ti3-Series of amplifiers are the new Reference class from Phoenix Gold. Utilizing ingenious features like **POWER SHIFT**, **BASS SHIFT**, True Full Range Class D and flexibility with Strappable or Linkable Monoblocks; the Ti3 is the beginning of a new legend in mobile audio reproduction. Stunning chassis design with integrated control panels, illuminated Tri-light status display and end panel connections all add to the breathtaking design and attention to detail Phoenix Gold has applied to this new series of amplifiers. Encompassing a line of monoblocks, 4-channel and 6-channel amplifiers Ti3 offers the right amplifier for any system where pure sound reproduction and effortless power delivery are the objectives.



Thermal Dynamic Exchange (TDE)
Thermally optimized heatsink with computer aid modeling for efficient heat dissipation and cooler running temperatures.

Individual Low Loss Output Filters
Ensures the lowest THD possible per channel for noise free operation

High Performance IC Chipsets
With low noise and high slew rate for incredible sound quality.

Auto Turn-on / High Level Inputs
Selectable Auto Turn-on for use with OEM systems. Can be combined with High Level input capability for a true OEM upgrade solution.

Switchable Balanced / Unbalanced Inputs
Provides input matching flexibility for noise rejection from source signal components.

Peak Voltage Drive (PVD)
Automotive grade, High Current MOSFETs with peak voltage drive for extreme amperage capability and heat tolerance.

Ultra low ESR capacitors
Create a stable supply for lightning fast transient response. Using zero inductance chip bypass for increased current capability.

Multi Rail Supplies (MRS)
Increase average efficiency for more power and less heat.

POWER SHIFT
Phoenix Gold's exclusive feature to allow you to direct power where it is needed. Active system design has never been easier. Why waste output power when it can be redirected to the channels that can better utilize it. Insane amplifier efficiencies and output are achieved with **POWER SHIFT**.

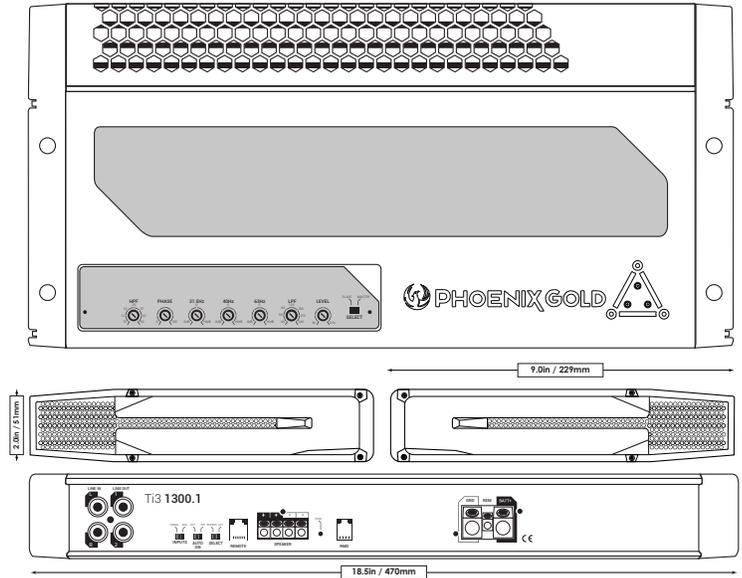
RMD Port
RMD ready remote monitoring display port for remote digital system voltage display

Precision Signal Control Center
24dB Linkwitz-Riley crossovers for precise frequency control. Matched input level for (Phase) compensation of vehicle acoustics and subwoofer placement. 24dB adjustable subsonic filter to optimize speaker and enclosure efficiency. **BASS SHIFT** can be adjusted from the listening position via the included controller.

Tech Support: 800-477-2267

FEATURES:

- Full range capable Class-D Topology
- Top panel adjustments with removable magnetic and acrylic cover
- Master/Slave strappable for huge power
- Master/Slave linkable for multiamp setups
- Double tier power supplies
- Remote bass and phase controller with BASS SHIFT® (RBPC)
- Switchable balanced or unbalanced inputs
- Auto-turn on circuit (defeatable)
- Tri-light LED amplifier status indicators
- Short circuit, thermal and voltage protection
- Front mount connections
- RCA pass-through outputs
- RMD ready – Remote monitoring display port (RMD sold separately)



UNIT	SPEC	TESTED
Operating Voltage		
Min VDC	9.0	8.9
Max VDC	16	17.2
Idle Current		
Measured (A)	>2	1.4
Frequency Response		
Hz +/- 3dB	11-39K	11-39K
Rated Output @ 12.6v		
4 Ohm	750	783
2 Ohm	1000	1106
1 Ohm	1300	1327
Output @ 14.4v		
4 Ohm	750	821
2 Ohm	1000	1176
1 Ohm	1300	1525
Max Current		
4 Ohm	N/A	58.1
2 Ohm	N/A	103.4
1 Ohm	N/A	133.2
Max THD + N @ Rated Power 14.4v		
4 Ohm %	<1.0	0.22
2 Ohm %	<1.0	0.23
1 Ohm %	<1.0	0.48
Turn on Delay		
Seconds	<5	4.1

UNIT	SPEC	TESTED
Input Sensitivity		
Min mV	150	148
Max V	12	12.3
Input Impedance		
Measured Ω	20K	19.87K
Signal to Noise Ratio -CEA		
Measured dB	>65	79.2
Signal to Noise Ratio -Rated Wrms		
Measured dB	>85	108
Channel Separation		
Measured dB	N/A	N/A
Damping Factor		
Measured Ratio	>200	>300
Crossover(s)		
HP/Subsonic 24dB	10-50Hz	10-50Hz
LP 24dB	40-240Hz	40-240Hz
BP/Bypass	Yes	Yes
EQ Boost/Cut @	+/- 6dB	+/- 6dB
31.5Hz, 40Hz, 63Hz		
Phase Control		
Phase Range	0-180	0-180

ATTENTION

External Fusing Required

Ti3 amplifiers are equipped with internal failsafe fusing. To avoid opening the amplifier for fuse replacement, we recommend external fusing of each individual amplifier to the value stated in the manual and below.

External Fuse Value
 Ti3 1300.1 - 100A

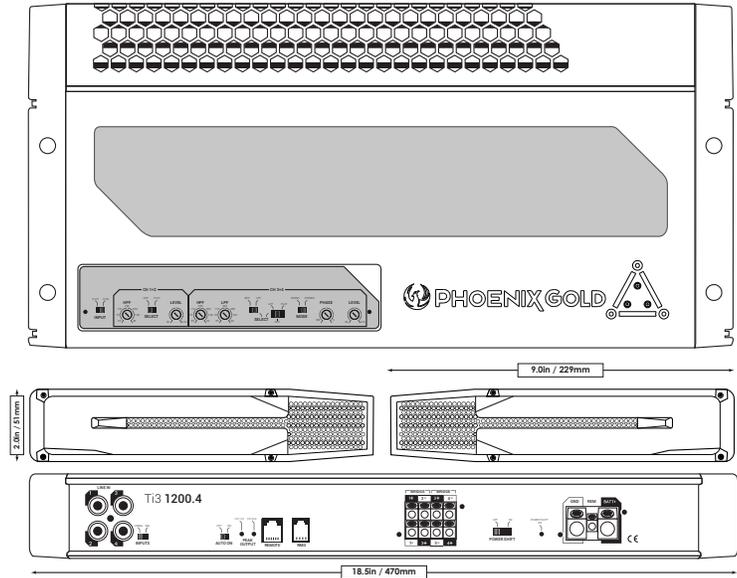
BASS
 SHIFT



Tech Support: 800-477-2267

FEATURES:

- Full range capable Class-D Topology
- POWER SHIFT® ability for partial power from front channels to be redirected to rear channels for active setups or system flexibility.
- Double tier power supplies
- Remote bass and phase controller with BASS SHIFT® (RBPC)
- Switchable balanced or unbalanced inputs
- Auto-turn on circuit (defeat able)
- Tri-light LED amplifier status indicators
- Short circuit, thermal and voltage protection
- Front mount connections
- RMD ready – Remote monitoring display port (RMD sold separately)



UNIT	SPEC	TESTED
Operating Voltage		
Min VDC	9	8.0
Max VDC	16	17.6
Idle Current		
Measured (A)	>1	.8
Frequency Response		
Hz +/- 3dB	11-39K	11-39K
Rated Output per CH @ 14.4v		
4 Ohm	225	267
2 Ohm	300	409
4 Ohm Bridged	600	658
POWER SHIFT Output per CH @ 14.4v		
Front 4 Ohm	150	178
Front 2 Ohm	200	240
Rear 4 Ohm	300	359
Rear 2 Ohm	400	476
4 Ohm Bridged F	400	478
4 Ohm Bridged R	800	947
Max Current		
4 Ohm	N/A	58.5
2 Ohm	N/A	86.6
1 Ohm	N/A	108.6
Max THD + N @ Rated Power 14.4v		
4 Ohm %	<1.0	0.17
2 Ohm %	<1.0	0.23
1 Ohm %	<1.0	0.39
Turn on Delay		
Seconds	<5	3.1

UNIT	SPEC	TESTED
Input Sensitivity		
Min mV	150	147
Max V	12	12.1
Input Impedance		
Measured Ω	20K	20.4K
Signal to Noise Ratio -CEA		
Measured dB	>65	68.3
Signal to Noise Ratio -Rated Wrms		
Measured dB	>85	85.3
Channel Separation		
Measured dB	N/A	N/A
Damping Factor		
Measured Ratio	>200	>300
Crossover(s)		
HP/Subsonic 24dB	55-4kHz	55-4kHz
LP 24dB	55-4kHz	55-4kHz
BP/Bypass	Yes	Yes
Boost/EQ @ 40Hz	0-6dB	0-6dB
Phase Control		
Phase Range	0-180	0-180

ATTENTION

External Fusing Required

Ti3 amplifiers are equipped with internal failsafe fusing. To avoid opening the amplifier for fuse replacement, we recommend external fusing of each individual amplifier to the value stated in the manual and below.

External Fuse Value
 Ti3 1200.4 - 100A



Tech Support: 800-477-2267