



# PHOENIX GOLD

2018

phoenixgoldofficial



phoenixgold\_stinger



*phoenixgold.com*



*Table of*

# CONTENTS



## *Processors* 04

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DSP8.8 .....	04
Bass Cube 2.0 .....	06
EQ9.0 .....	08

## *Amplifiers* 10

---

Ti3 Series .....	12
SX2 Series .....	22
RX2 Series .....	34

## *Subwoofers* 46

---

Ti3x Series .....	48
Ti3 Series .....	52
SX Series .....	56
SXT2 Series .....	60
RX2 Series .....	64

## *Speakers* 68

---

Ti3x Series .....	70
Ti2 Series .....	74
SX Series .....	78
RX Series .....	84

## *Loaded Enclosure* 89

---

BASSCASE8 .....	89
-----------------	----

## *Accessories* 90

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Grills, RMD .....	90
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# RUN DSP

## DSP8.8

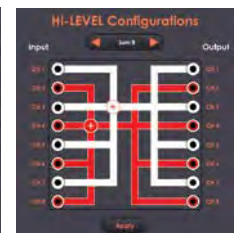
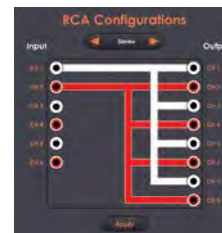
## PRECISION TUNING

Experience uncompressed audio streaming via Wi-Fi from iOS & Android devices or via USB input from Mac or Windows PC devices. The DSP8.8 has a built-in Wi-Fi module conveniently integrated into the DRC that delivers faster data transfers, along with a higher bandwidth, and higher bit rate resolution. Stream all types of Hi-Res audio files (DSD, FLAC, WAV, AIFF, AAC) up to 192kHz/24bit in your vehicle and enjoy true studio quality recordings without the use of any external devices. Featuring real-time DSP tuning via graphic user interface controlled by iOS, Android, Mac, and Windows PC apps, aux input (high level for external BT/NAVI or 3.5mm), USB input for uncompressed audio streaming, 240 bands of parametric EQ adjustment (30 bands per output channel), and multi-function dash mountable remote control for (Vol, Sub Level, EQ Preset, Illumination).



*Digital Signal Processor  
:DSP8.8*

*PC, Tablet and Remote Control APP screenshots*





# DSP8.8

- > 8-channel high level inputs with signal sense turn-on and load resistors
- > 6-channel low level inputs
- > Wi-Fi input for wireless connectivity and uncompressed Hi-Res Audio streaming up to 24bit/192kHz
- > Toslink optical hi-res audio input up to 24bit/192kHz
- > USB input for uncompressed hi-res audio from iOS/Android smart devices/thumb drives up to 24bit/192kHz
- > Aux input (3.5mm, high level for external NAVI/Hands-free)
- > 8-channel 5 volt low level outputs
- > App Control - Real time DSP tuning via DSP8.8 configurator app for iOS, Android, Mac and Windows PC
- > 240 bands of 1/3 octave parametric EQ adjustment (30 bands per channel)
- > DRC Included (Dash Mount Remote Control): multi-function remote for source select, volume, sub level, 6 selectable presets, and custom illumination
- > DSP8.8 RC remote control app for iOS and Android phones/tablets for source select, volume, sub level, and 6 selectable presets
- > Dimensions (WxHxD): 7.5" x 2" x 7.75" 190.5 x 51 x 197mm



//////////



Featuring: trueTUNE



## PRECISION TUNING

EQ9.0, 9 band graphic equalizer. Precision tuning for audiophile perfectionists. EQ9.0 gives you 9 bands/frequencies to dial in and tweak your car audio system, delivering your music, your way.



Processor  
:EQ9.0

Featuring: trueTUNE



FEATURES:

- > Low output impedance

> High input impedance

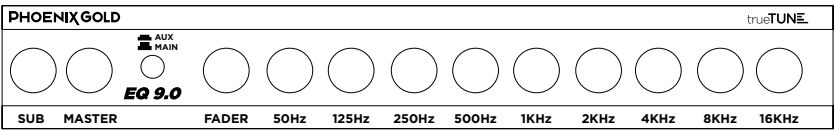
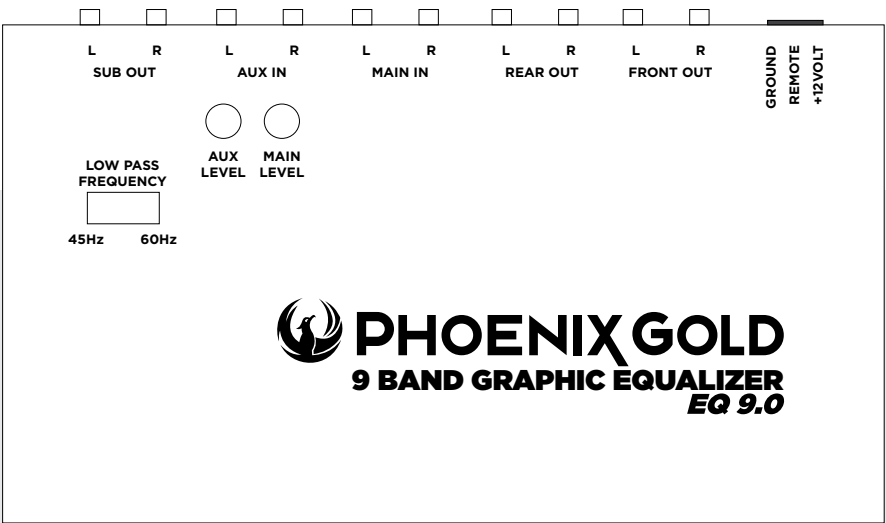
> Flat frequency response

> High output voltages

> Excellent signal to noise ratio
- > Panel mount RCAs

> Poly caps and low tolerance resistors in all signal path circuits

> Removable terminal block for all input connections



SPECIFICATIONS	EQ9.0
Maximum Input Voltage	13V
Maximum Output Voltage	9V
THD (Total Harmonic Distortion)	0.01%
Input Impedance	20KΩ
Output Impedance	50KΩ
Signal to Noise Ratio	>94dB
Bandwidth Adjustment	±10dB
Crossover Slope (Per Octave)	12dB

# BASS CUBE<sup>2.0</sup>

## PRECISION TUNING

CONSTANT USABLE BASS ENHANCEMENT- For bassheads that believe life begins below 80Hz. Bass Cube 2.0 will give your system the extra boost of clean, articulate bass you crave. Bass Cube 2.0 features the precision tuning that allows you to dial in your bass to perfection.



Processor  
:BASSCUBE2.0



Featuring: trueTUNE



# BASSCUBE2.0

## FEATURES:

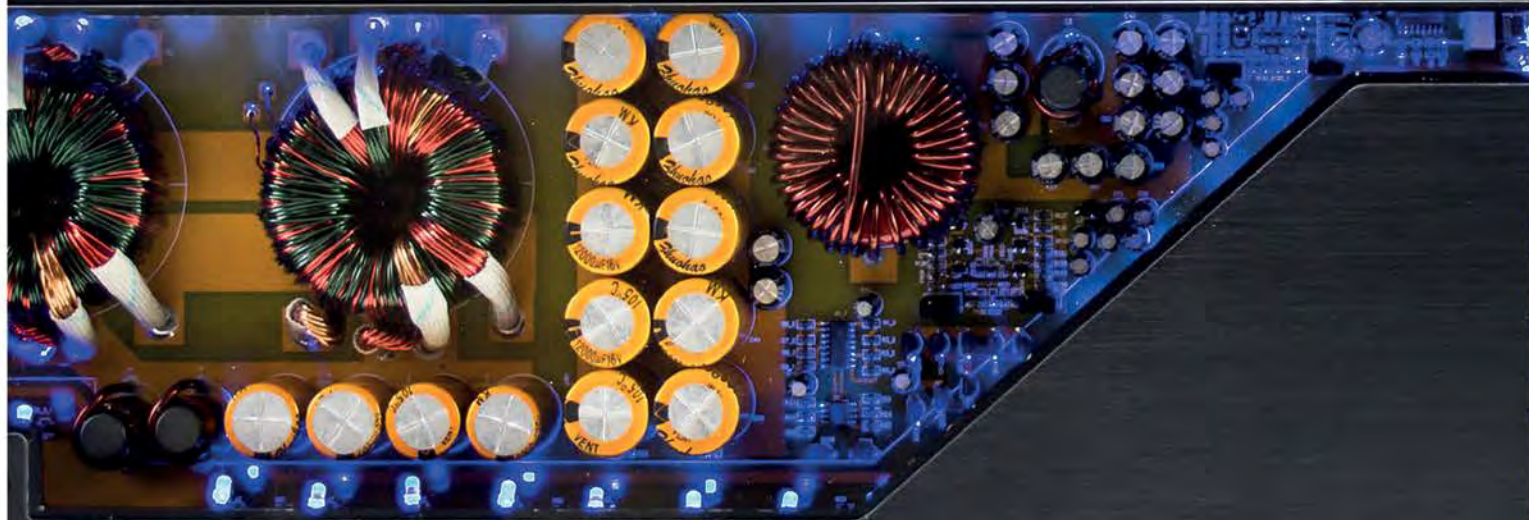
- > Variable Center Frequency Control
- > Parametric Bass Equalization
- > Selectable Ground Isolation Switch
- > 2 Channel Digital Bass Restoration
- > Selectable Balanced / Unbalanced
- > RCA Input and Output Internal Line Driver
- > Variable Output Gain Control
- > Remote Bass Enhancement Control with status LED
- > Selectable Subsonic Filter

The Bass Cube 2.0 (Constant Usable Bass Enhancement) is basically a single-band parametric bass-boost/level controller which will allow you to select a frequency between 90 and 115 Hz and apply a gain from 0 to 15 dB on that band. It allows you to select between a narrow Q (for ported/bandpass systems) and a wide-Q (for overall tweaking of a sealed system). These two settings affect how much the frequencies on either side of the center frequency you select are boosted, or the "width" of the boost, with gradual falloff. Also featured is a switch to go between 18dB/Oct subsonic filter frequencies, which is another option that allows you to tweak this unit between a Ported/Bandpass and Sealed system. The subsonic filter is to save your speakers from damage when going below the tuning frequency of your ports or capability of your sealed system.

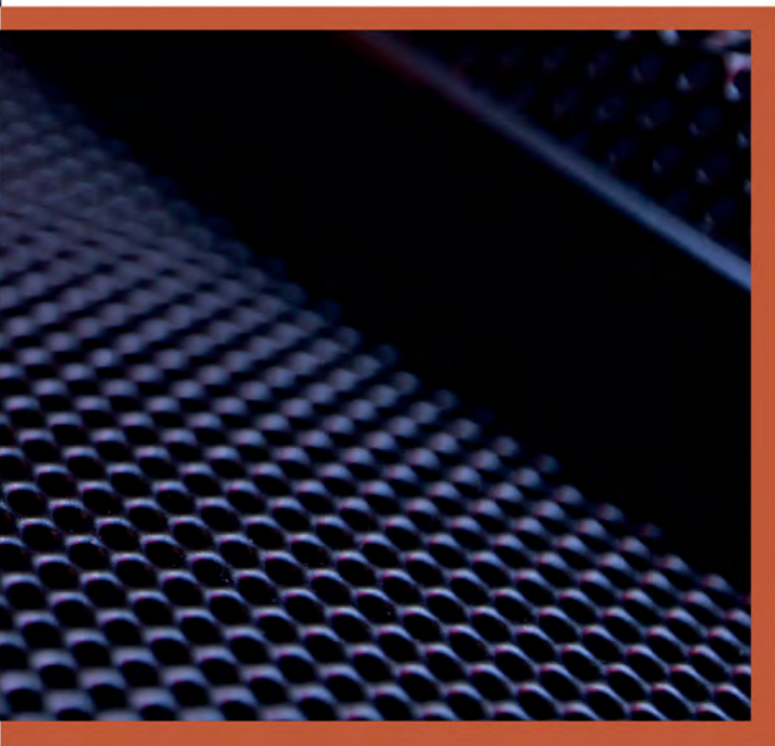


SPECIFICATIONS	BASSCUBE2.0
Maximum Input Voltage	12V
Maximum Output Voltage	9V
Frequency Response	10HZ - 25KHZ +/- 1dB
THD (Total Harmonic Distortion)	0.002%
Signal to Noise Ratio	>127dB
Dimensions	8.00" x 5.50" x 1.25"
Fuse Rating	1 Amp

PHOENIX  
: Amplifiers







# *Amplifiers*

Phoenix Gold has earned a distinguished reputation for design excellence and engineering of mobile audio amplifiers over the last three decades. For years, Phoenix Gold has been used as the benchmark for mobile audio amplifiers due to their legacy of unparalleled sound quality. Our team continues to create amplifiers that are more powerful, more efficient, and more convenient to integrate into your OEM system. We haven't forgotten how to innovate either, features like Power Shift and Bass Shift combined with award winning industrial design show why Phoenix Gold lives up to its status as a LEGEND. Today's Phoenix Gold product line excels because of the team's passion to design the best products, while offering the best features and of course outstanding sound quality.

Own the LEGEND - Phoenix Gold.

The full line of Ti3 amplifiers feature Phoenix Gold proprietary technologies: Power Shift and Bass Shift. Power Shift allows 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. A Precision Signal Control Center with 24dB Linkwitz-Riley crossovers for precise frequency control, matched input level for (Phase) compensation of vehicle acoustics and subwoofer placement, and 24dB adjustable subsonic filter to optimize speaker and enclosure efficiency. Bass Shift can be adjusted from the listening position via the included controller.

Ti3 monoblocks are full range capable meaning they can be used just like the multi-channel amps and can drive full range speakers. Doing a big boat with tower speakers and need a lot of power, just run a 1300.1 or 2000.1 on those crazy towers and see who's loudest then. How about a competition system and you want crazy channel separation, run a Ti31300.1 on left and another on right front stage. For Pro Audio setups; got a door full of full range drivers? Sounds like another great application opportunity for a pair of Ti3 monoblocks.

**POWER**  
**SHIFT** —

**BASS**  
**SHIFT**

////////



### Peak Voltage Drive (PVD)

Automotive grade, High Current MOSFETs with peak voltage drive for extreme amperage capability and heat tolerance.

### Thermal Dynamic Exchange (TDE)

Thermally optimized heatsink with computer aid modeling for efficient heat dissipation and cooler running temperatures.

### High Performance IC Chipsets

With low noise and high slew rate for incredible sound quality.

### Multi Rail Supplies (MRS)

Increase average efficiency for more power and less heat.

### Ultra low ESR capacitors

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

### Individual Low Loss Output Filter

Ensures the lowest THD possible per channel for noise free operation.

### RMD Port

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

### 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.

**POWER**  
**SHIFT**

### 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.

**BASS**  
**SHIFT**

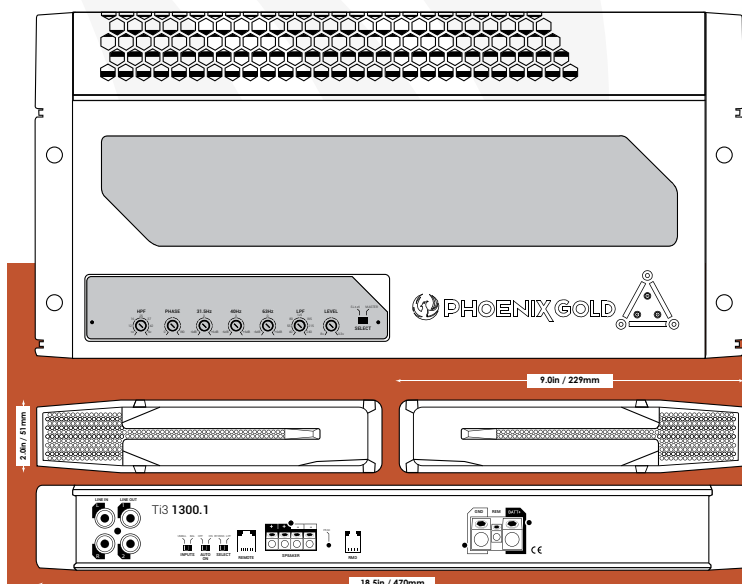
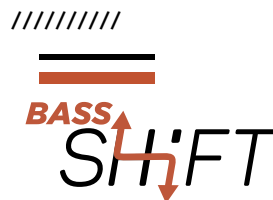
### Precision Signal Control Center

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.

# Ti3 series

Ti3 1300.1

Type:  
Full Range Class D  
Monoblock



## 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

## FEATURES:

- Full range capable Class-D Topology - Can be used to drive full range speakers, towers and Pro Audio setups with huge power
- Top panel adjustments with removable magnetic and acrylic cover
- Master/Slave strappable for huge power
- Master/Slave linkable for multi-amp 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 for Short, Thermal, DC, Fuse, Voltage
- Short circuit, thermal and voltage protection
- Front mount connections
- RCA pass-through outputs
- RMD ready – Remote monitoring display port (RMD sold separately)

# Ti3 series

Ti3 1300.1

## SPECIFICATIONS

## AMPLIFIERS

### TRI-LIGHT STATUS CENTER



- Blue - Standard Operation
- Green - Over Voltage Warning
- Red - Internal Fuse Blown
- Amber - DC/Short Protection

Tri-light LED amplifier status indicators will change colors according to an array of system variables.

#### Operating Voltage

Min VDC	9.0
Max VDC	16

#### Idle Current

AMPS	>2
------	----

#### Frequency Response

Hz +/- 3dB	11-39k
------------	--------

#### Rated Output @ 14.4v

4 Ohm	750
2 Ohm	1000
1 Ohm	1300

#### Max Current

4 Ohm	58.1
2 Ohm	103.4
1 Ohm	133.2

#### Max THD + N @ Rated Power 14.4v

4 Ohm %	0.22
2 Ohm %	0.23
1 Ohm %	0.48

#### Turn-on Delay

Seconds	<5
---------	----

#### Input Sensitivity

Min mV	150
Max V	12

#### Input Impedance

Measured $\Omega$	20k
-------------------	-----

#### Signal to Noise Ratio - CEA

Measured dB	>65
-------------	-----

#### Signal to Noise Ratio -Rated Wrms

Measured dB	>85
-------------	-----

#### Channel Separation

Measured dB	N/A
-------------	-----

#### Damping Factor

Measured Ratio	>300
----------------	------

#### Crossover(s)

HP/Subsonic 24dB	10-50Hz
LP 24dB	40-240Hz
BP/Bypass	Yes
EQ Boost/Cut @ 31.5Hz, 40Hz, 63Hz	+/- 6dB

#### Phase Control-Continuously Variable

Phase Range	0-180
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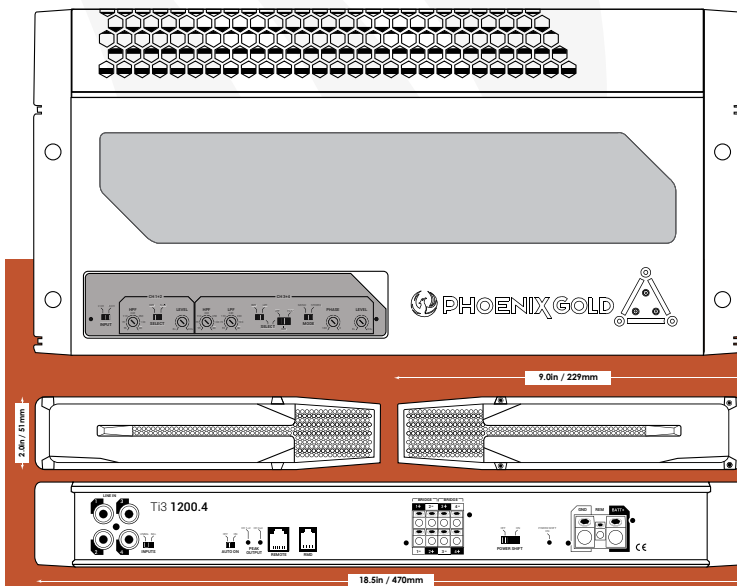
# Ti3 series

Ti3 1200.4

Type:  
Full Range Class D  
4 channel

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**POWER** **BASS**  
**SHIFT** **SHIFT**



## 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

## 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 (defeatable)
- Tri-light LED amplifier status indicators for Short, Thermal, DC, Fuse, Voltage
- Short circuit, thermal and voltage protection
- Front mount connections
- RMD ready – Remote monitoring display port (RMD sold separately)

# Ti3 series

Ti3 1200.4

## AMPLIFIERS

### TRI-LIGHT STATUS CENTER



- Blue - Standard Operation
- Green - Over Voltage Warning
- Red - Internal Fuse Blown
- Amber - DC/Short Protection

Tri-light LED amplifier status indicators will change colors according to an array of system variables.

## SPECIFICATIONS

### Operating Voltage

Min VDC	9.0
Max VDC	16

### Idle Current

Measured (A)	>2
--------------	----

### Frequency Response

Hz +/- 3dB	11-39k
------------	--------

### Rated Output per CH @ 14.4v

4 Ohm	225
2 Ohm	300
4 Ohm Bridged	600

### POWER SHIFT Output per CH @ 14.4v

Front 4 Ohm	150
Front 2 Ohm	200
Rear 4 Ohm	300
Rear 2 Ohm	400
4 Ohm Bridged F	400
4 Ohm Bridged R	800

### Max Current

4 Ohm	48.2
2 Ohm	92.6

### Max THD + N @ Rated Power 14.4v

4 Ohm %	<1.0
2 Ohm %	<1.0
1 Ohm %	<1.0

### Turn-on Delay

Seconds	<5
---------	----

### Input Sensitivity

Min mV	150
Max V	12

### Input Impedance

Measured $\Omega$	20k
-------------------	-----

### Signal to Noise Ratio - CEA

Measured dB	>65
-------------	-----

### Signal to Noise Ratio -Rated Wrms

Measured dB	>85
-------------	-----

### Channel Separation

Measured dB	N/A
-------------	-----

### Damping Factor

Measured Ratio	>200
----------------	------

### Crossover(s)

HP/Subsonic 24dB	10-50Hz
LP 24dB	40-240Hz
BP/Bypass	Yes
EQ Boost/Cut @ 31.5Hz, 40Hz, 63Hz	+/- 6dB

### Phase Control

Phase Range	0-180
-------------	-------

# Ti3 series

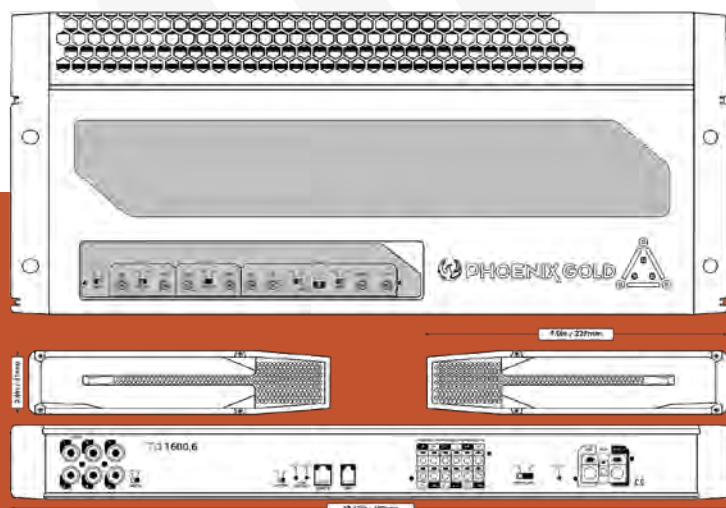
Ti3 1600.6

Type:  
Full Range Class D  
6 channel

////////

**POWER**  
**SHIFT**

**BASS**  
**SHIFT**



## 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 1600.6 - 175A

## 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 (defeatable)
- Tri-light LED amplifier status indicators for Short, Thermal, DC, Fuse, Voltage
- Short circuit, thermal and voltage protection
- Front mount connections
- RMD ready – Remote monitoring display port (RMD sold separately)



# Ti3 series

Ti3 1600.6

## AMPLIFIERS



### TRI-LIGHT STATUS CENTER

- Blue - Standard Operation
- Green - Over Voltage Warning
- Red - Internal Fuse Blown
- Amber - DC/Short Protection

Tri-light LED amplifier status indicators will change colors according to an array of system variables.

## SPECIFICATIONS

### Operating Voltage

Min VDC	9.0
Max VDC	16

### Idle Current

Measured (A)	>2
--------------	----

### Frequency Response

Hz +/- 3dB	11-39k
------------	--------

### Rated Output per CH @ 14.4v

4 Ohm 1-4	125
2 Ohm 1-4	175
4 Ohm 5-6	250
2 Ohm 5-6	350

### POWER SHIFT Output per CH @ 14.4v

CH1/2 4 Ohm	75
CH1/2 2 Ohm	125
CH3/4 4 Ohm	175
CH 3/4 Ohm	225
CH 5/6 4 Ohm	250
CH 5/6 2 Ohm	350
4 Ohm Bridged 1/2	250
4 Ohm Bridged 3/4	350
4 Ohm Bridged 5/6	700

### Max Current

4 Ohm	110
2 Ohm	160
1 Ohm	200

### Max THD + N @ Rated Power 14.4v

4 Ohm %	<1.0
2 Ohm %	<1.0
1 Ohm %	<1.0

### Turn-on Delay

Seconds	<5
---------	----

### Input Sensitivity

Min mV	150
Max V	12

### Input Impedance

Measured $\Omega$	20k
-------------------	-----

### Signal to Noise Ratio - CEA

Measured dB	>65
-------------	-----

### Signal to Noise Ratio - Rated Wrms

Measured dB	N/A
-------------	-----

### Damping Factor

Measured Ratio	>200
----------------	------

### Crossovers

HP/Subsonic 24dB	55-4kHz
LP 24dB	55-4kHz
BP/Bypass	Yes
Boost/EQ @ 40Hz	0-6dB

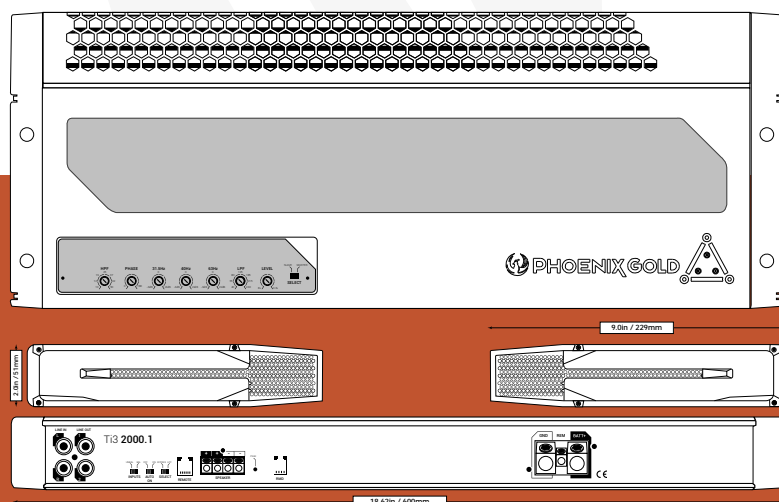
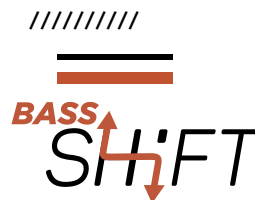
### Phase Control

Phase Range	0-180
-------------	-------

# Ti3 series

Ti3 2000.1

Type:  
Full Range Class D  
Monoblock



## 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 2000.1 -200A

## FEATURES:

- Full range capable Class-D Topology - Can be used to drive full range speakers, towers and Pro Audio setups with huge power
- Top panel adjustments with removable magnetic and acrylic cover
- Master/Slave strappable for huge power
- Master/Slave linkable for multi-amp 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 for Short, Thermal, DC, Fuse, Voltage
- Short circuit, thermal and voltage protection
- Front mount connections
- RCA pass-through outputs
- RMD ready – Remote monitoring display port (RMD sold separately)



### TRI-LIGHT STATUS CENTER

- Blue - Standard Operation
- Green - Over Voltage Warning
- Red - Internal Fuse Blown
- Amber - DC/Short Protection

Tri-light LED amplifier status indicators will change colors according to an array of system variables.

## SPECIFICATIONS

### Operating Voltage

Min VDC	9.0
Max VDC	16

### Idle Current

Measured (A)	<2
--------------	----

### Frequency Response

Hz +/- 3dB	11-39k
------------	--------

### Rated Output @ 14.4v

4 Ohm	1000
2 Ohm	1300
1 Ohm	2000

### Max Current

4 Ohm	88.1
2 Ohm	156.6
1 Ohm	205.3

### Max THD + N @ Rated Power 14.4v

4 Ohm %	<1.0
2 Ohm %	<1.0
1 Ohm %	<1.0

### Turn-on Delay

Seconds	<5
---------	----

### Input Sensitivity

Min mV	150
Max V	12

### Input Impedance

Measured $\Omega$	20k
-------------------	-----

### Signal to Noise Ratio - CEA

Measured dB	>65
-------------	-----

### Signal to Noise Ratio -Rated Wrms

Measured dB	>85
-------------	-----

### Channel Separation

Measured dB	N/A
-------------	-----

### Damping Factor

Measured Ratio	>200
----------------	------

### Crossover(s)

HP/Subsonic 24dB	10-50Hz
LP 24dB	40-240Hz
BP/Bypass	Yes
EQ Boost/Cut @ 31.5Hz, 40Hz, 63Hz	+/- 6dB

### Phase Control

Phase Range	0-180
-------------	-------



Our SX2 Series of amplifiers are setting a new standard of performance with the best in class power and style. This new line of SX2 monoblock, 4-channel and 6-channel amplifiers are equipped with new revolutionary technology called Bass Shift (which allows phase to shift bass with the remote bass knob up front). All are now equipped with our proprietary Tri-Light monitoring system. The SX2 amplifiers are the perfect balance of power and efficiency.

Just like their big brothers, the SX2 monoblocks are full range capable meaning they can be used just like the multi-channel amps and can drive full range speakers. Doing a big boat with tower speakers and need a lot of power, just run a 1200.1 or 200.1 on those crazy towers and see who's loudest then. How about a competition system and you want crazy channel separation, run a SX2 1200.1 on left and another on right front stage. For Pro Audio setups; got a door full of full range drivers? Sounds like another great application opportunity for a pair of SX2 monoblocks.

**BASS**  
SHIFT

////////

### Peak Voltage Drive (PVD)

Automotive grade, High Current MOSFETs with peak voltage drive for extreme amperage capability and heat tolerance.

### Individual Low Loss Output Filters

Ensures the lowest THD possible per channel for noise free operation.

### Thermal Dynamic Exchange (TDE)

Thermally optimized heat sink with computer aid modeling for efficient heat dissipation and cooler running temperatures.

### 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.

### High Performance IC Chipsets

With low noise and high slew rate for incredible sound quality.

### Precision Signal Control Center

24dB Linkwitz-Riley crossovers for precise frequency control. Matched input level for accurate adjustments. Fully adjustable Bass Shift (Phase) for compensation of vehicle acoustics and subwoofer placement. 24dB adjustable subsonic filter to optimize speaker and enclosure efficiency.

**BASS**  
**SHIFT**

### 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

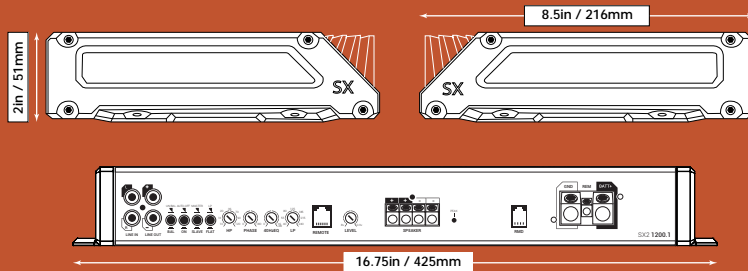
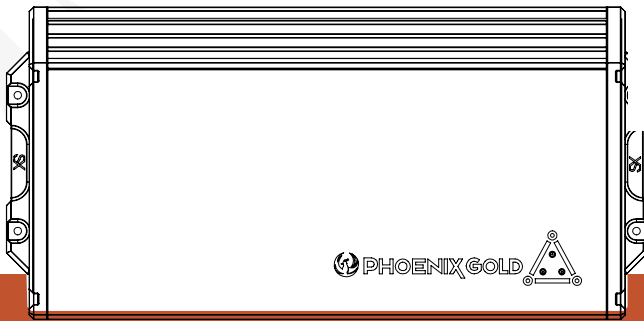
Provides input matching flexibility for noise rejection from source signal components.

# SX2 series

SX2 1200.1

Type:  
Full Range Class D  
Monoblock

**BASS**  
**SHIFT**



## ATTENTION

### External Fusing Required

SX2 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  
SX2 1200.1 - 80A

## FEATURES:

- Full range capable Class-D Topology
- Master/Slave strappable for huge power
- Master/Slave linkable for multi-amp 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 for Short, Thermal, DC, Fuse, Voltage
- Short circuit, thermal and voltage protection
- Front mount controls and connections
- RCA pass-through outputs
- RMD ready – Remote monitoring display port (RMD sold separately)





### TRI-LIGHT STATUS CENTER

- Blue - Standard Operation
- Green - Over Voltage Warning
- Red - Internal Fuse Blown
- Amber - DC/Short Protection

Tri-light LED amplifier status indicators will change colors according to an array of system variables.

### SPECIFICATIONS

#### Operating Voltage

Min VDC	9.0
Max VDC	16

#### Idle Current

Measured (A)	<2
--------------	----

#### Frequency Response

Hz +/- 3dB	11-39k
------------	--------

#### Output @ 14.4v

4 Ohm	1000
2 Ohm	1300
1 Ohm	2000

#### Max Current

4 Ohm	88.1
2 Ohm	156.6
1 Ohm	205.3

#### Max THD + N @ Rated Power 14.4v

4 Ohm %	<1.0
2 Ohm %	<1.0
1 Ohm %	<1.0

#### Turn-on Delay

Seconds	<5
---------	----

#### Input Sensitivity

Min mV	150
Max V	12

#### Input Impedance

Measured $\Omega$	20k
-------------------	-----

#### Signal to Noise Ratio - CEA

Measured dB	>65
-------------	-----

#### Signal to Noise Ratio -Rated Wrms

Measured db	>85
-------------	-----

#### Channel Separation

Measured dB	N/A
-------------	-----

#### Damping Factor

Measured Ratio	>200
----------------	------

#### Crossover(s)

HP/Subsonic 24dB	10-50Hz
LP 24dB	40-240Hz
BP/Bypass	Yes
EQ Boost/Cut @ 31.5Hz, 40Hz, 63Hz	+/- 6dB

#### Phase Control

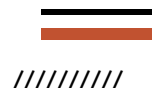
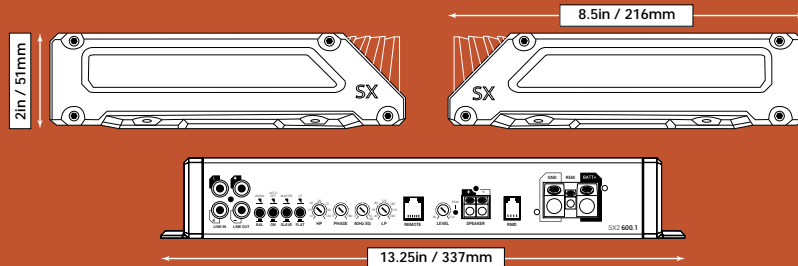
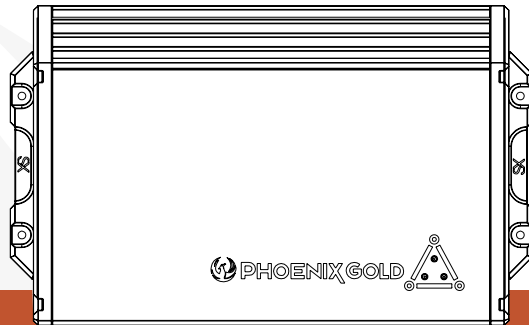
Phase Range	0-180
-------------	-------

# SX2 series

SX2 600.1

Type:  
Full Range Class D  
Monoblock

**BASS**  
**SHIFT**



## ATTENTION

**External Fusing Required**  
SX2 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  
SX2 600.1 - 60A

## FEATURES:

- Full range capable Class-D Topology
- Master/Slave strappable for huge power
- Master/Slave linkable for multi-amp 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 for Short, Thermal, DC, Fuse, Voltage
- Short circuit, thermal and voltage protection
- Front mount connections
- RCA pass-through outputs
- RMD ready – Remote monitoring display port (RMD sold separately)



### TRI-LIGHT STATUS CENTER

- Blue - Standard Operation
- Green - Over Voltage Warning
- Red - Internal Fuse Blown
- Amber - DC/Short Protection

Tri-light LED amplifier status indicators will change colors according to an array of system variables.

### SPECIFICATIONS

#### Operating Voltage

Min VDC	9.0
Max VDC	16

#### Idle Current

Measured (A)	<1
--------------	----

#### Frequency Response

Hz +/- 3dB	11-39k
------------	--------

#### Rated Output @ 14.4v

4 Ohm	250
2 Ohm	500
1 Ohm	600

#### Max Current

4 Ohm	25
2 Ohm	57
1 Ohm	69

#### Max THD + N @ Rated Power 14.4v

4 Ohm %	<1.0
2 Ohm %	<1.0
1 Ohm %	<1.0

#### Turn-on Delay

Seconds	<5
---------	----

#### Input Sensitivity

Min mV	150
Max V	12

#### Input Impedance

Measured $\Omega$	20k
-------------------	-----

#### Signal to Noise Ratio - CEA

Measured dB	>65
-------------	-----

#### Signal to Noise Ratio -Rated Wrms

Measured dB	>85
-------------	-----

#### Channel Separation

Measured dB	N/A
-------------	-----

#### Damping Factor

Measured Ratio	>200
----------------	------

#### Crossover(s)

HP/Subsonic 24dB	10-50Hz
LP 24dB	40-240Hz
BP/Bypass	Yes
EQ Boost/Cut @ 31.5Hz, 40Hz, 63Hz	+/- 6dB

#### Phase Control

Phase Range	0-180
-------------	-------

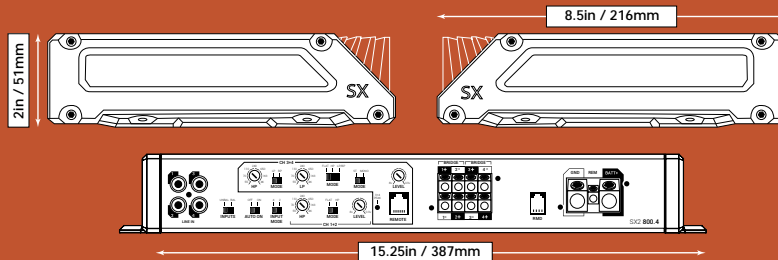
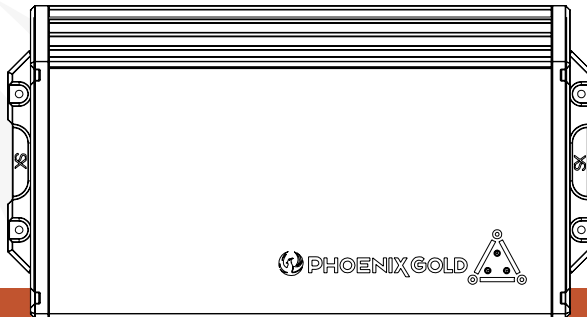


# SX2 series

SX2 800.4

Type:  
Full Range Class D  
Monoblock

**BASS**  
**SHIFT**



## ATTENTION

**External Fusing Required**  
SX2 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  
SX2 800.4 - 50A

## FEATURES:

- Full range capable Class-D Topology
- 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 for Short, Thermal, DC, Fuse, Voltage
- Short circuit, thermal and voltage protection
- Front mount controls and connections
- On board High/Band/Low pass crossovers
- LED peak indicators
- RMD ready – Remote monitoring display port (RMD sold separately)



### TRI-LIGHT STATUS CENTER

- Blue - Standard Operation
- Green - Over Voltage Warning
- Red - Internal Fuse Blown
- Amber - DC/Short Protection

Tri-light LED amplifier status indicators will change colors according to an array of system variables.

### SPECIFICATIONS

#### Operating Voltage

Min VDC	9.0
Max VDC	16

#### Idle Current

Measured (A)	<1
--------------	----

#### Frequency Response

Hz +/- 3dB	11-39k
------------	--------

#### Rated Output @ 14.4v

4 Ohm	150 x 4
2 Ohm	200 x 4
4 Ohm Bridged	400 x 2

#### Max Current

4 Ohm	68
2 Ohm	116

#### Max THD + N @ Rated Power 14.4v

4 Ohm %	<1.0
2 Ohm %	<1.0
1 Ohm %	<1.0

#### Turn-on Delay

Seconds	<5
---------	----

#### Input Sensitivity

Min mV	150
Max V	12

#### Input Impedance

Measured $\Omega$	20k
-------------------	-----

#### Signal to Noise Ratio - CEA

Measured dB	>80
-------------	-----

#### Signal to Noise Ratio -Rated Wrms

Measured dB	>105
-------------	------

#### Channel Separation

Measured dB	30
-------------	----

#### Damping Factor

Measured Ratio	>200
----------------	------

#### Crossover(s)

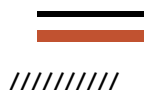
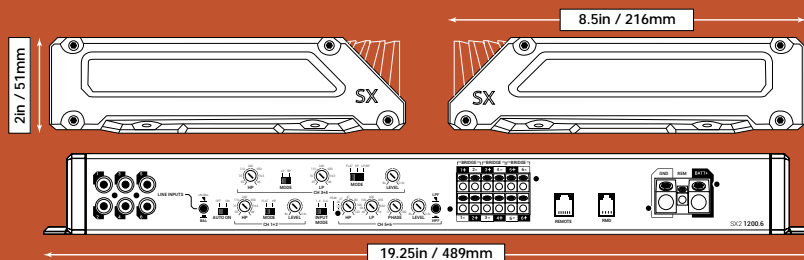
LP/HP 12dB	55-4kHz
BP/Bypass	Yes

# SX2 series

SX2 1200.6

Type:  
Full Range Class D  
6 Channel

**BASS**  
**SHIFT**



## ATTENTION

**External Fusing Required**  
SX2 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  
SX2 1200.6 - 70A

## FEATURES:

- Full range capable Class-D Topology
- 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 for Short, Thermal, DC, Fuse, Voltage
- Short circuit, thermal and voltage protection
- Front mount controls and connections
- On board High/Band/Low pass crossovers
- Configurable as full system or 3-way amplifier
- RMD ready – Remote monitoring display port (RMD sold separately)





### TRI-LIGHT STATUS CENTER

- Blue - Standard Operation
- Green - Over Voltage Warning
- Red - Internal Fuse Blown
- Amber - DC/Short Protection

Tri-light LED amplifier status indicators will change colors according to an array of system variables.

### SPECIFICATIONS

#### Operating Voltage

Min VDC	9.0
Max VDC	16

#### Idle Current

Measured (A)	<2
--------------	----

#### Frequency Response

Hz +/- 3dB	11-39k
------------	--------

#### Rated Output @ 14.4v

4 Ohm	150 x 6
2 Ohm	200 x 6
4 Ohm Bridged	400 x 3

#### Max Current

4 Ohm	96
2 Ohm	165

#### Max THD + N @ Rated Power 14.4v

4 Ohm %	<1.0
2 Ohm %	<1.0
1 Ohm %	<1.0

#### Turn-on Delay

Seconds	<5
---------	----

#### Input Sensitivity

Min mV	150
Max V	12

#### Input Impedance

Measured $\Omega$	20k
-------------------	-----

#### Signal to Noise Ratio - CEA

Measured dB	>80
-------------	-----

#### Signal to Noise Ratio -Rated Wrms

Measured dB	>85
-------------	-----

#### Channel Separation

Measured dB	105
-------------	-----

#### Damping Factor

Measured Ratio	>30
----------------	-----

#### Crossover(s)

HP/Subsonic 24dB	10-50Hz
LP 24dB	45-1kHz
BP/Bypass	Yes

#### Phase Control

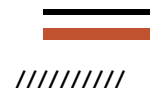
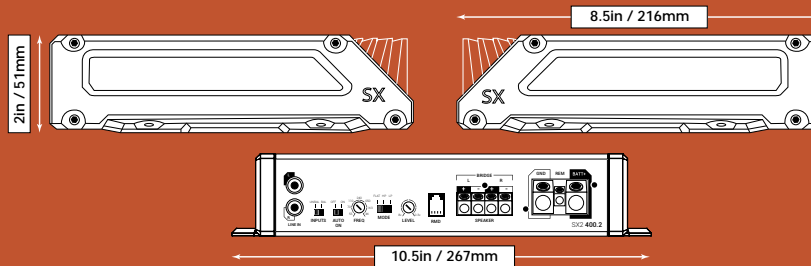
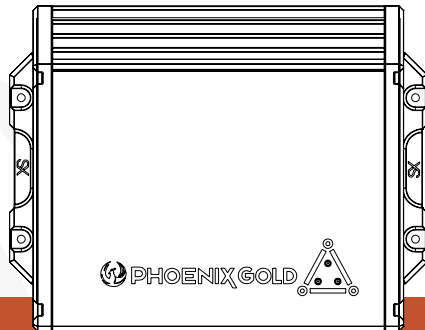
Phase Range	0-180
-------------	-------

# SX2 series

SX2 400.2

Type:  
Full Range Class D  
2 Channel

**BASS**  
**SHIFT**



## ATTENTION

**External Fusing Required**  
SX2 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  
SX2 400.2 - 40A

## FEATURES:

- Full range capable Class-D Topology
- 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 for Short, Thermal, DC, Fuse, Voltage
- Short circuit, thermal and voltage protection
- Front mount controls and connections
- On board High/Band/Low pass crossovers
- Configurable as 2ch or mono amplifier
- RMD ready – Remote monitoring display port (RMD sold separately)



### TRI-LIGHT STATUS CENTER

- Blue - Standard Operation
- Green - Over Voltage Warning
- Red - Internal Fuse Blown
- Amber - DC/Short Protection

Tri-light LED amplifier status indicators will change colors according to an array of system variables.

### SPECIFICATIONS

#### Operating Voltage

Min VDC	9.0
Max VDC	16

#### Idle Current

Measured (A)	<2
--------------	----

#### Frequency Response

Hz +/- 3dB	11-39k
------------	--------

#### Rated Output @ 14.4v

4 Ohm	150 x 2
2 Ohm	200 x 2
4 Ohm Bridged	400 x 1

#### Max Current

4 Ohm	24
2 Ohm	44

#### Max THD + N @ Rated Power 14.4v

4 Ohm %	<1.0
2 Ohm %	<1.0
1 Ohm %	<1.0

#### Turn-on Delay

Seconds	<5
---------	----

#### Input Sensitivity

Min mV	150
Max V	12

#### Input Impedance

Measured $\Omega$	20k
-------------------	-----

#### Signal to Noise Ratio - CEA

Measured db	>80
-------------	-----

#### Signal to Noise Ratio -Rated Wrms

Measured db	>85
-------------	-----

#### Channel Separation

Measured db	105
-------------	-----

#### Damping Factor

Measured Ratio	>30
----------------	-----

#### Crossover(s)

LP/HP 12dB	55-4kHz
BP/Bypass	Yes



# RX2

series

## AMPLIFIERS

The RX2-series amplifiers are the next evolution of the reliable and great sounding RX series. With a new more efficient circuit design, we have increased power output while decreasing chassis size. These amplifiers will be the reference for style and value in any installation. Built with the legendary Phoenix Gold reliability, they feature heavy duty heat sinks, robust unregulated power supplies and oversized direct input power and speaker terminals. They also sound sweet thanks to the audiophile grade output transistors. We made upgrading your stock system easy by allowing high level inputs so you can keep that hard to replace radio, and still upgrade the sound. RX2-series amplifiers are ready to impress with their effortless ability to provide power and clarity while keeping the chassis at a convenient size for any installation. The devil is in the details, so it just made sense that we allow the PG name plate to be removed and turned to match the orientation you might need for your install because we know you're going to want show off your system and make all your friends jealous.

#### Individual Low Loss Output Filters

Ensures the lowest THD possible per channel for noise-free operation.

#### Peak Voltage Drive (PVD)

Automotive grade, High Current MOSFETs with peak voltage drive for extreme amperage capability and heat tolerance.

#### Thermal Dynamic Exchange (TDE)

Thermally optimized heat sink with computer aid modeling for efficient heat dissipation and cooler running temperatures.

#### Ultra low ESR capacitors

Create a stable supply for lightning fast transient response.

#### Robust Power Supplies

Oversized for more power on demand

#### High Level Inputs

High Level input capability for a true OEM upgrade solution.

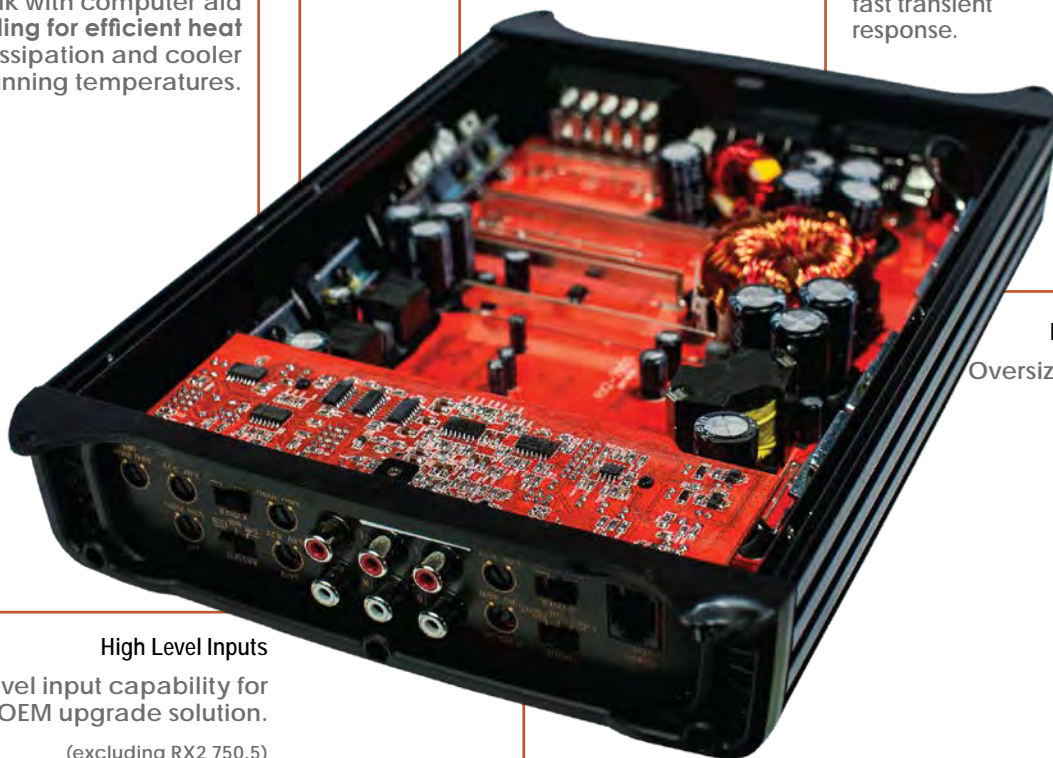
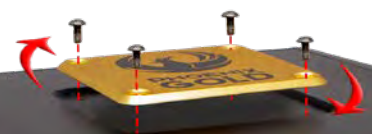
(excluding RX2 750.5)

#### Precision Signal Control Center

12dB Linkwitz-Riley crossovers for precise frequency control. Matched input level for accurate adjustments. 24dB adjustable subsonic filter to optimize speaker and enclosure efficiency.

#### Rotatable Badging

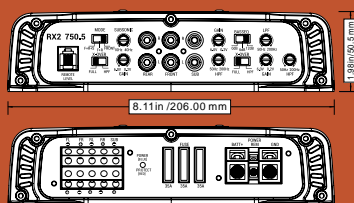
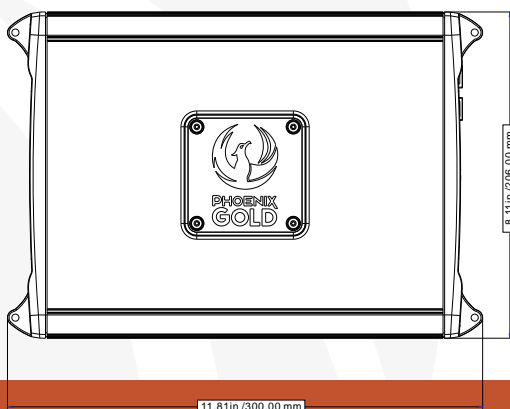
Rotate for proper orientation to match installation needs



# RX2 series

RX2 750.5

Type:  
Class D  
5 Channel



RX2-750.5

## FEATURES:

- Class-D Topology
- Robust unregulated power supplies
- Rotatable badging for installation flexibility
- Remote Bass Controller included
- LED amplifier status indicators
- Low pass crossovers
- Short circuit, thermal and voltage protection
- Direct insert power and speaker terminals
- On board High/Band/Low Pass and Subsonic crossovers
- Bass EQ 0,6,12dB
- Audio Precision® quality control verification

# RX2

series

RX2 750.5

## AMPLIFIERS

### SPECIFICATIONS

#### Operating Voltage

Min VDC	8.0
Max VDC	16

#### Idle Current

Measured (A)	<2
--------------	----

#### Frequency Response

Hz +/- 3dB	Full Range 10-40k Sub 15-200Hz
------------	-----------------------------------

#### Rated Output - Front / Rear

4 Ohm	60 x 4
2 Ohm	90 x 4

#### Rated Output - Sub Channel

4 Ohm	250 x 1
2 Ohm	400 x 1

#### Max Current

4 Ohm	53
2 Ohm	69

#### Max THD + N @ Rated Power 14.4v

4 Ohm %	<1.0
2 Ohm %	<1.0

#### Turn-on Delay

Seconds	<5
---------	----

#### Input Sensitivity

Min mV	150
Max V	12

#### Input Impedance

Measured $\Omega$	20k
-------------------	-----

#### Signal to Noise Ratio - CEA

Measured dB	>80
-------------	-----

#### Signal to Noise Ratio -Rated Wrms

Measured dB	>85
-------------	-----

#### Channel Separation

Measured dB	-50
-------------	-----

#### Damping Factor

Measured Ratio	>200
----------------	------

#### Crossover(s)

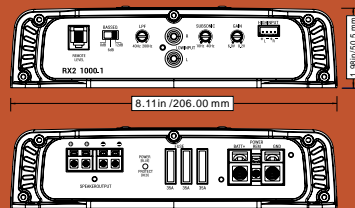
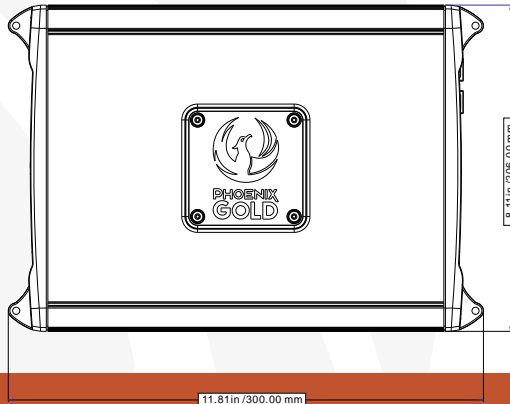
HP/Subsonic	10-40Hz
LP 12 dB	50-200Hz
FULL/Bypass	Yes
EQ Boost/Cut @	+/- 0,6,12dB



# RX2 series

RX2 1000.1

Type:  
Class D  
Monoblock



RX2 1000.1

## FEATURES:

- Class-D Topology
- Robust unregulated power supplies
- Rotatable badging for installation flexibility
- High level inputs for easy OEM integration
- Remote Bass Controller included
- LED amplifier status indicators
- Low pass crossovers
- Short circuit, thermal and voltage protection
- Direct insert power and speaker terminals
- On board Low Pass and Subsonic crossovers
- Bass EQ 0,6,12dB
- Audio Precision® quality control verification

# RX2

series

RX2 1000.1

## AMPLIFIERS

### SPECIFICATIONS

#### Operating Voltage

Min VDC	8.0
Max VDC	16

#### Idle Current

Measured (A)	<2
--------------	----

#### Frequency Response

Hz +/- 3dB	15-200Hz
------------	----------

#### Rated Output

4 Ohm	300 x 1
2 Ohm	650 x 1
1 Ohm	1000x1

#### Max Current

4 Ohm	32
2 Ohm	59
1 Ohm	92

#### Max THD + N @ Rated Power 14.4v

4 Ohm %	<1.0
2 Ohm %	<1.0
1 Ohm %	<1.0

#### Turn-on Delay

Seconds	<5
---------	----

#### Input Sensitivity

Min mV	150
Max V	12

#### Input Impedance

Measured $\Omega$	20k
-------------------	-----

#### Signal to Noise Ratio - CEA

Measured dB	>80
-------------	-----

#### Signal to Noise Ratio -Rated Wrms

Measured dB	>100
-------------	------

#### Damping Factor

Measured Ratio	>200
----------------	------

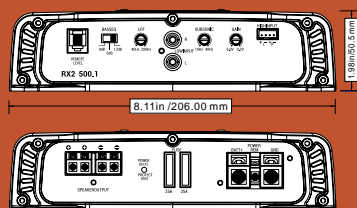
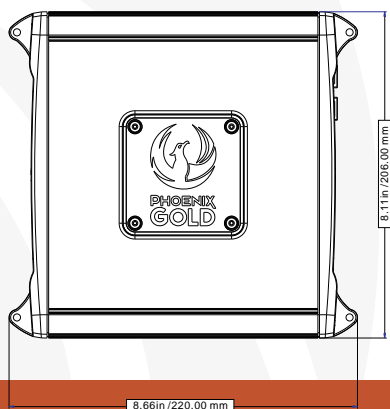
#### Crossover(s)

HP/Subsonic	10-40Hz
LP 12 dB	50-200Hz
EQ Boost/Cut @	+/- 0,6,12dB

# RX2 series

RX2 500.1

Type:  
Class D  
Monoblock



RX2 500.1

## FEATURES:

- Class-D Topology
- Robust unregulated power supplies
- Rotatable badging for installation flexibility
- High level inputs for easy OEM integration
- Remote Bass Controller included
- LED amplifier status indicators
- Low pass crossovers
- Short circuit, thermal and voltage protection
- Direct insert power and speaker terminals
- On board Low Pass and Subsonic crossovers
- Bass EQ 0,6,12dB
- Audio Precision® quality control verification

# RX2

series

RX2 500.1

## AMPLIFIERS

### SPECIFICATIONS

#### Operating Voltage

Min VDC	8.0
Max VDC	16

#### Idle Current

Measured (A)	<2
--------------	----

#### Frequency Response

Hz +/- 3dB	15-200Hz
------------	----------

#### Rated Output

4 Ohm	250 x 1
2 Ohm	500 x 1

#### Max Current

4 Ohm	25
2 Ohm	45

#### Max THD + N @ Rated Power 14.4v

4 Ohm %	<1.0
2 Ohm %	<1.0

#### Turn-on Delay

Seconds	<5
---------	----

#### Input Sensitivity

Min mV	150
Max V	12

#### Input Impedance

Measured $\Omega$	20k
-------------------	-----

#### Signal to Noise Ratio - CEA

Measured dB	>80
-------------	-----

#### Signal to Noise Ratio -Rated Wrms

Measured dB	>100
-------------	------

#### Damping Factor

Measured Ratio	>200
----------------	------

#### Crossover(s)

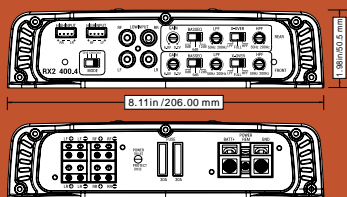
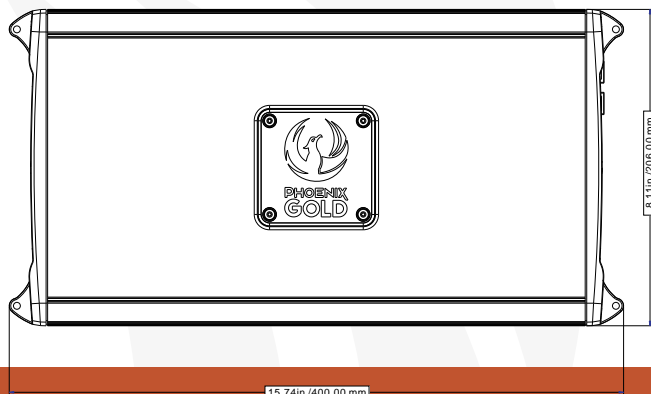
HP/Subsonic	10-40Hz
LP 12 dB	50-200Hz
EQ Boost/Cut @	+/- 0,6,12dB



# RX2 series

RX2 400.4

Type:  
Class A/B  
4 Channel



RX2 400.4

## FEATURES:

- Class-A/B Topology
- Robust unregulated power supplies
- Rotatable badging for installation flexibility
- High level inputs for easy OEM integration
- LED amplifier status indicators
- On board High/Band/Low Pass crossovers
- Short circuit, thermal and voltage protection
- Direct insert power and speaker terminals
- On board High/Band/Low Pass crossovers
- Bass EQ 0,6,12dB
- Audio Precision® quality control verification

# RX2

series

RX2 400.4

## AMPLIFIERS

### SPECIFICATIONS

#### Operating Voltage

Min VDC	8.0
Max VDC	16

#### Idle Current

Measured (A)	<2
--------------	----

#### Frequency Response

Hz +/- 3dB	Full Range 10-40k
------------	-------------------

#### Rated Output - Front / Rear

4 Ohm	60 x 4
2 Ohm	100 x 4

#### Rated Output - Bridged

4 Ohm	200 x 2
-------	---------

#### Max Current

4 Ohm	28
2 Ohm	47

#### Max THD + N @ Rated Power 14.4v

4 Ohm %	<1.0
2 Ohm %	<1.0

#### Turn-on Delay

Seconds	<5
---------	----

#### Input Sensitivity

Min mV	150
Max V	12

#### Input Impedance

Measured $\Omega$	20k
-------------------	-----

#### Signal to Noise Ratio - CEA

Measured dB	>82
-------------	-----

#### Signal to Noise Ratio -Rated Wrms

Measured dB	>85
-------------	-----

#### Channel Separation

Measured dB	-50
-------------	-----

#### Damping Factor

Measured Ratio	>200
----------------	------

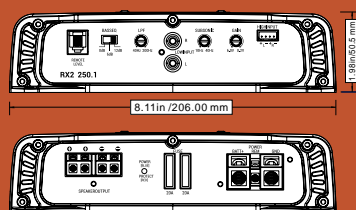
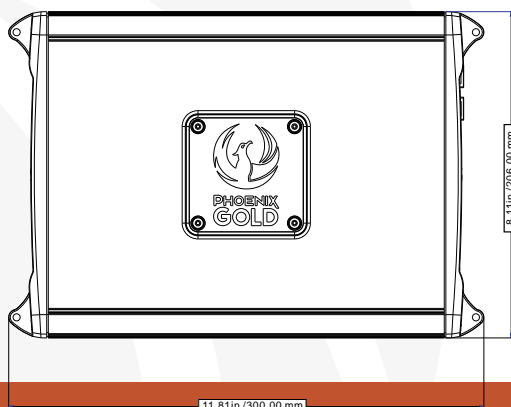
#### Crossover(s)

HP	10-40Hz
LP 12 dB	50-200Hz
FULL/Bypass	Yes
EQ Boost/Cut @	+/- 0,6,12dB

# RX2 series

RX2 250.1

Type:  
Class A/B  
Monoblock



RX2 250.1

## FEATURES:

- Class-A/B Topology
- Robust unregulated power supplies
- Rotatable badging for installation flexibility
- High level inputs for easy OEM integration
- Remote Bass Controller included
- LED amplifier status indicators
- Low pass crossovers
- Short circuit, thermal and voltage protection
- Direct insert power and speaker terminals
- On board Low Pass and Subsonic crossovers
- Bass EQ 0,6,12dB
- Audio Precision® quality control verification

# RX2

series

RX2 250.1

## AMPLIFIERS

### SPECIFICATIONS

#### Operating Voltage

Min VDC	8.0
Max VDC	16

#### Idle Current

Measured (A)	<2
--------------	----

#### Frequency Response

Hz +/- 3dB	15-200Hz
------------	----------

#### Rated Output

4 Ohm	150 x 1
2 Ohm	250 x 1

#### Max Current

4 Ohm	18
2 Ohm	30

#### Max THD + N @ Rated Power 14.4v

4 Ohm %	<1.0
2 Ohm %	<1.0

#### Turn-on Delay

Seconds	<5
---------	----

#### Input Sensitivity

Min mV	150
Max V	12

#### Input Impedance

Measured $\Omega$	20k
-------------------	-----

#### Signal to Noise Ratio - CEA

Measured dB	>80
-------------	-----

#### Signal to Noise Ratio -Rated Wrms

Measured dB	>90
-------------	-----

#### Damping Factor

Measured Ratio	>200
----------------	------

#### Crossover(s)

HP/Subsonic	10-40Hz
LP 12 dB	50-200Hz
EQ Boost/Cut @	+/- 0,6,12dB





# *Subwoofers*

From the bone-crushing Ti3x series, to the ultra-compact SXT2 series, Phoenix Gold offers a wide range of subwoofer solutions with outstanding low frequency performance. Each series is carefully engineered with the focus on real world sound quality and reliability. Featuring overbuilt OFC copper voice coils, woven tinsel leads, and high-excursion motor structures, Phoenix Gold subwoofers will take your audio system to the next level.

The Ti3x series subwoofers are the pinnacle Phoenix Gold subwoofer technology and design. They are engineered with extreme precision for increased power handling and reliability. Providing a smooth, effortless output even during massive excursion and extreme power. Well suited for the audiophile SQ car or your resident bass head. With 1200w of continuous power handling and 60mm of excursion the Ti3x are ready for some serious work. Plus, with a woofer this impressive, you're going to want to show it off. We include 3 interchangeable sets of LEDs for the center dustcap so you can make some wicked light trails while blowing your hair back. If you're wondering what colors? The only logical choice was one set each of solid Red, White and Blue - MERICA!



- > 60mm of Peak to Peak Excursion
- > 3.0" Ultra High Temp Copper Wound Voice Coil
- > Removable Tri-LEDs for Customization or Field Service
- > Radial Backplate Venting System
- > Easy Connect Single Location Speaker Terminals
- > Dual Long Throw Spider Suspension
- > Woven Tinsel Leads
- > Composite Material Hybrid Cone
- > High Excursion CAE/CAD Motor Design
- > Vented Titanium-Aluminum Hybrid Former
- > High Roll Butyl Rubber Double Stitched Surround
- > Optimized for Sealed or Vented Enclosures
- > Rigid Powder Coated Anti-Resonant Cast Basket

Ti3<sup>x</sup>  
series



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Ti312D2X  
:Subwoofer

Ti3<sub>x</sub>  
series



PHOENIX GOLD



# SUBWOOFERS

INTERCHANGEABLE LEDs INCLUDED. RED, WHITE AND BLUE



	Ti312D2X	Ti312D4X
Size	12"	12"
Power Handling	1200w RMS	1200w RMS
Impedance	Dual 4 Ohms	Dual 2 Ohms
Frequency Response	20Hz to 300Hz	20Hz to 300Hz
Mounting Depth	7.5" - 190mm	7.5" - 190mm
Cut Out Diameter	10.87" - 276mm	10.87" - 276mm
Overall Diameter	112.64" - 321mm	12.64" - 321mm



# Ti3

series

## SUBWOOFERS

Our Ti3 series subwoofers are the perfect fusion of advanced acoustic design and state of the art technology. Similar to the Ti3x series, the Ti3 subwoofers are engineered for powerful outputs, producing accurate sound quality and massive SPL performance.



- > 40mm of Peak to Peak Excursion
- > 2.5" Ultra High Temp Copper Wound Voice Coil
- > Radial Backplate Venting System
- > Easy Connect Single Location Speaker Terminal
- > Long Throw Spider Suspension
- > Woven Tinsel Leads
- > High Excursion CAE/CAD Motor Design
- > Vented Titanium-Aluminum Hybrid Former
- > One Piece Injected Polypropylene Dustcap
- > High Roll Butyl Rubber Double Stitched Surround
- > Optimized for Sealed or Vented Enclosures
- > Rigid Powder Coated Anti-Resonant Cast Basket

## Ti3 series



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*Ti310D2*  
*:Subwoofer*

# Ti3

series



*Ti3 12"*  
*:Subwoofers*

	<i>Ti312d4</i>	<i>Ti312d2</i>
Size	12"	12"
Power Handling	600w RMS	600w RMS
Impedance	Dual 4 Ohms	Dual 2 Ohms
Frequency Response	20Hz to 300Hz	20Hz to 300Hz
Mounting Depth	6.88" - 175mm	6.88" - 175mm
Cut Out Diameter	10.86" - 276mm	10.86" - 276mm
Overall Diameter	12.63" - 321mm	12.63" - 321mm

# Ti3

series

## SUBWOOFERS



*Ti3 10"*  
*:Subwoofers*

<i>Ti310d4</i>	<i>Ti310d2</i>
10"	10"
600w RMS	600w RMS
Dual 4 Ohms	Dual 2 Ohms
20Hz to 300Hz	20Hz to 300Hz
6.22" - 158mm	6.22" - 158mm
9.25" - 235mm	9.25" - 235mm
10.66" - 271mm	10.66" - 271mm



The SX series subwoofers set a new standard in performance, featuring innovative design and technology available in both traditional (SX) and slim (SXT2) solutions. Regardless of application, the SX series subwoofers can accurately deliver the subtle details of your music or pound out gut wrenching, hard hitting bass.





- > 35mm of Peak to Peak Excursion
- > High Excursion CAE/CAD Motor Design
- > Vented Aluminum Former
- > Long Throw Spider Suspension
- > One Piece Polypropylene Plated Dustcap
- > High Roll Butyl Rubber Surround
- > 2.5" High Temperature OFC Copper Voice Coils SX18s4 2.0")
- > Nickel Plated 12 Gauge Speaker Terminal
- > Optimized for Sealed or Vented Enclosures
- > Powder Coated Anti-Resonant Steel Basket
- > Removable Gasket for Adding G110/G112 Grill
- > Woven Tinsel Leads

SX



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SX18s4  
: Subwoofer

# SX

series



SX  
:Subwoofers

	SX112d4	SX112d2
Size	12"	12"
Power Handling	400w RMS	400w RMS
Impedance	Dual 4 Ohms	Dual 2 Ohms
Frequency Response	20Hz to 300Hz	20Hz to 300Hz
Mounting Depth	6.375" - 160mm	6.375" - 160mm
Cut Out Diameter	11.25" - 285mm	11.25" - 285mm
Overall Diameter	12.5" - 318mm	12.5" - 318mm
Peak to Peak Excursion	35mm	35mm



SX110d4	SX110d2	SX18s4
10"	10"	8"
400w RMS	400w RMS	200w RMS
Dual 4 Ohms	Dual 2 Ohms	Single 4 Ohms
20Hz to 300Hz	20Hz to 300Hz	30Hz to 300Hz
5.875" - 148mm	5.875" - 148mm	4.375" - 110mm
9.25" - 235mm	9.25" - 235mm	7.25" - 185mm
10.375" - 263mm	10.375" - 263mm	8.86" - 220mm
35mm	35mm	30mm



## SUBWOOFERS

We've built on the success of the SXT and are proud to release the SXT2 slim mount subwoofers. Designed to deliver even deeper, more accurate bass when space is at a premium. Perfect for installations where depth is limited and a small enclosure is needed. Emphasizing reliability and style, these subwoofers are ideal for nearly any system or budget. These subwoofers are engineered strong to withstand those with a zealous use of the volume knob and keep the music going. Each model contains fiber-reinforced cones, high temperature OFC copper voice coils, oversized motor structures and rugged woven tinsel leads for maximum reliability. While performance is great in a small enclosure, if depth is the only hurdle, a larger but shallow box will squeeze even more performance out of these outstanding woofers.





Preliminary specifications:

- > 25mm of Peak to Peak Excursion
- > Dual 2 and 4 Ohms Voice Coil Models
- > Woven Tinsel Leads
- > High Excursion CAE/CAD Motor Design
- > Reinforced Vacuum Form Cone Assembly

- > Fiber-Reinforced Dustcap
- > Die Cast Aluminum Spider Spacer Heat Sink
- > 2" High Temperature OFC Copper Voice Coils
- > Nickel Plated 12 Gauge Speaker Terminal
- > Optimized for Small Sealed Enclosures
- > Powder Coated Anti-Resonant Steel Basket



*Artist Rendering-  
Actual production model  
may differ slightly in cosmetics*

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SXT2  
:Subwoofers  
Preliminary Specifications

	SXT2 12D4 / 12D2	SXT2 10D4 / 10D2
Size	12"	10"
Power Handling	300w RMS	300w RMS
Impedance	Dual 4 Ohms / 2 Ohms	Dual 4 Ohms / 2 Ohms
Frequency Response	20Hz to 300Hz	20Hz to 300Hz
Mounting Depth	4.25" - 108mm	3.6" - 92mm
Cut Out Diameter	11.00" - 280mm	9" - 230mm
Overall Diameter	12.5" - 318mm	10.375" - 263mm
Peak to Peak Excursion	25mm	25mm



## SUBWOOFERS



# RX2

series

## SUBWOOFERS

RX2-series subwoofers are designed to give high performance at a great value. Where most entry line woofers feature 1.5" voice coils, Phoenix Gold RX2 subwoofers feature long wound 2.0" coils which allows for 25mm of peak to peak excursion. This results in an ability to create deep, accurate bass in vented or sealed enclosures. RX2 subwoofers are conservatively rated at 200w RMS and available in single and dual 4 Ohm configurations. Also features a cosmetic gasket make to conceal screws.



- > Single or Dual 4 Ohms Voice Coil Models
- > High Excursion CAE/CAD Motor Design
- > KlaraForm Vented Kapton Former Technology reduces distortion by reducing heat and resistance
- > UNICAP Technology provides a stiff piston for pronounced SPL
- > Phoeniroll Surround Technology promotes linear motion
- > Torriform Voice Coil Technology: Effectively dissipates heat and minimizes distortion
- > Nickel Plated 12 Gauge Speaker Terminal
- > Optimized for Sealed or Vented Enclosures
- > Powder Coated Anti-Resonant Steel Basket
- > Removable Gasket for Adding G110/G112 Grill

# RX2



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**RX2 12D**  
: Subwoofer



# RX2

series



*RX2*  
:Subwoofers

	<i>RX2 12D</i>	<i>RX2 12S</i>
Size	12"	12"
Power Handling	200w RMS	200w RMS
Impedance	Dual 4 Ohms	Single 4 Ohms
Frequency Response	20Hz to 300Hz	20Hz to 300Hz
Mounting Depth	5.75" - 145mm	5.75" - 145mm
Cut Out Diameter	11.125" - 282mm	11.125" - 282mm
Overall Diameter	12.5" - 318mm	12.5" - 318mm
Peak to Peak Excursion	25mm	25mm



# RX2

series

## SUBWOOFERS



RX2 10D	RX2 10S
10"	10"
200w RMS	200w RMS
Dual 4 Ohms	Single 4 Ohms
20Hz to 300Hz	20Hz to 300Hz
5.25" - 133mm	5.25" - 133mm
9.25" - 235mm	9.25" - 235mm
10.375" - 263mm	10.375" - 263mm
25mm	25mm

*Install tip:  
Remove gasket to  
pre-drill holes.*





# *Speakers*

Looking for the pinnacle in sound? TI3X is what you are looking for. If you're just wanting to upgrade the OEM system and still want great sound, we have you covered there as well with the RX series. The full gamut of possibilities are available through the entire lines of Phoenix Gold and the TI3X TI3, Ti2, SX and RX Components, Point Source, and coaxials. Regardless of level, we pay attention to the details utilizing the finest materials available such as pure silk dome tweeters, dual roll surrounds, and CAE/CAD motor structures. The great materials combined with countless hours of real world testing and auditioning ensures all Phoenix Gold speaker systems deliver ultra-dynamic and realistic performance.

## SPEAKERS

The Ti3x series speaker system provides breathtaking dynamic range and jaw-dropping musical realism for true audiophiles. These component speakers boast an ultra-smooth, linear musical output, with excellent spectral clarity without delivering overly bright or fatiguing high frequencies commonly found in most car audio component systems.



- > 25mm Silk Dome Tweeter
- > Fully Machined Removable Aluminum Tweeter Housing
- > Dampened Polypropylene Cone
- > Precision Cone Control Dual Roll Rubber Surround
- > Powder Coated Diecast Aluminum Basket
- > Midbass Enhancement EQ Adjustment
- > 24dB External Audiophile Grade Crossover
- > Three Position Tweeter Level Adjustment
- > Dual Stage Optical Tweeter Protection Circuitry
- > Integrated Phase Plug
- > Interwoven Tinsel Leads
- > High Temperature CAE/CAD Motor Structure



Ti365CSX 6.5in  
Components



# Ti3<sub>x</sub> series



	<i>Ti365CSX</i>	<i>Ti3CS1TX</i>
Size	6.5"	25mm
Power Handling	150w RMS - 300w PEAK	100w RMS - 200w PEAK
Impedance	4 Ohms	4 Ohms
Frequency Response	50Hz to 20kHz	2.5Hz to 20kHz
Mounting Depth	2.46" - 62.5mm	.81" - 47mm
Cut Out Diameter	5.73" - 145.5mm	1.84" - 47mm
Overall Diameter	6.53" - 166mm	2.14" - 54.4mm

Ti3<sup>x</sup>  
series

Ti365CSX  
:Speaker



# Ti2

series

## SPEAKERS

Ti2 speakers are designed to outperform speakers costing twice as much. Painsstaking attention to small details allowed us to create a great sounding speaker and still keep it obtainable for everyone to enjoy. We offer our Ti series speakers in two formats, component and pointsource. Regardless of which format is best for your system, the output is crystal clear without frequency coloration or distortion. Pointsource gives the advantage of getting the great sound a component speaker offers, with the imaging advantages of a full size tweeter mounted internally on the center pole. This allows the sound to emanate from the same point (pointsource) and enhance the staging and realism of the sound.





- > 24dB External Audiophile Grade Crossover (Ti265CS)
- > 12dB External Audiophile Grade Crossover (Pointsource)
- > Three Position Tweeter Level Adjustment (Ti265CS)
- > Midbass Enhancement EQ Adjustment (Ti265CS)
- > 20mm Silk Dome Tweeter w/ Removable Aluminum Housing (Ti265CS)
- > Continuous Play Tweeter Protection Circuitry

- > Precision Cone Control Dual Roll Rubber Surround
- > High Temperature CAE/CAD Motor Structure
- > Pointsource Tweeter and Midrange Design (Pointsource)
- > Poly Treated Paper Cone
- > Interwoven Tinsel Leads
- > Powdercoated Anti-Resonant Steel Basket

Ti



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Ti265CS woofer  
:Speakers



# Ti2

series



Ti2  
:Speakers

	Ti265cs	Ti269ps
Size	6.5"	6" x 9"
Power Handling	125w RMS - 250w PEAK	100w RMS - 200w PEAK
Impedance	4 Ohms	4 Ohms
Frequency Response	50Hz to 20kHz	50Hz to 20kHz
Mounting Depth	2.46" - 62.5mm	3.1" - 78mm

# Ti2

series

## SPEAKERS



	<i>Ti257ps</i>	<i>Ti265ps</i>
Size	5" x 7"	6.5"
Power Handling	100w RMS - 200w PEAK	100w RMS - 200w PEAK
Impedance	4 Ohms	4 Ohms
Frequency Response	50Hz to 20kHz	50Hz to 20kHz
Mounting Depth	2.4" - 59mm	2.55" - 65mm

Our SX series of components and coaxials represents a standard for performance in quality car audio systems. Made for the enthusiast who wants great sound and also isn't afraid of the volume knob. They were manufactured using state of the art acoustic engineering and are built using high grade quality materials and components, resulting in high quality sound that is also able to go loud when the need arises.



- > 20mm Silk Dome Tweeter
- > Tweeter Flush Mount or Surface Mount Capability (SX65cs, SX5cs)
- > Adjustable Tweeter Swivel Mount (SX65cs, SX5cs)
- > Tweeter Level Adjustment (SX65cs, SX5cs)
- > 24dB External Audiophile Crossover (SX65cs, SX5cs)
- > Integrated Phase Plug (SX65cs, SX5cs)
- > Aluminum Plated Grained Polypropylene Cone
- > Powder coated Anti-Resonant Steel Basket
- > Interwoven Tinsel Leads
- > Butyl Rubber Surround
- > High Temperature CAE/CAD Motor Structure
- > Optimized Magnet/Motor Structure

SX



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SX5CX  
:Speakers



# SX

series

SX  
:Speakers



	SX65cs	SX5cs	SXcs1T
Size	6.5"	5.25"	20mm
Power Handling	125w RMS - 250w PEAK	125w RMS - 250w PEAK	75w RMS -150w PEAK
Impedance	4 Ohms	4 Ohms	4 Ohms
Frequency Response	60Hz to 20kHz	60Hz to 20kHz	3Hz to 20kHz
Mounting Depth	2.9" - 73mm	2.4" - 61mm	0.75" - 19mm

# SX series

## SPEAKERS



	SX69cx	SX65cx	SX57cx
Size	6" x 9"	6.5"	5" x 7"
Power Handling	90w RMS - 180w PEAK	75w RMS - 150w PEAK	75w RMS - 150w PEAK
Impedance	4 Ohms	4 Ohms	4 Ohms
Frequency Response	50Hz to 20kHz	60Hz to 20kHz	60Hz to 20kHz
Mounting Depth	3.3" - 83mm	2.9" - 73mm	2.6" - 65mm

# SX series

SX65cs



	SX6cx	SX5cx
Size	6"	5.25"
Power Handling	75w RMS - 150w PEAK	75w RMS - 150w PEAK
Impedance	4 Ohms	4 Ohms
Frequency Response	60Hz to 20kHz	70Hz to 20kHz
Mounting Depth	2.6" - 65mm	2.4" - 61mm

# SX

series

SX65cs

SPEAKERS



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The RX series of components and coaxials utilizes a high performance mid-bass driver that is acoustically matched to a quality Mylar dome tweeter via a passive crossover. The RX series was designed using state of the art acoustic engineering for lasting quality and performance.



- > 19mm Mylar Balanced Dome Tweeter
- > 12dB External Audiophile Crossover (RX65cs)
- > Integrated Phase Plug (RX65cs)
- > Anti-Resonant Steel Basket

- > High Temperature CAE/CAD Motor Structure
- > Triple Laminated, Ultra Stiff and Light Cone
- > UV Treated Foam Surround



RX

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RX  
:RX65cx and RX65Ccs

# RX series

## RX:Speakers



	RX65cs	RXcs1T	RX69cx
Size	6.5"	20mm	6" x 9"
Power Handling	75w RMS - 150w PEAK	50w RMS - 100w PEAK	60w RMS - 120w PEAK
Impedance	4 Ohms	4 Ohms	4 Ohms
Frequency Response	60Hz to 20kHz	3.5Hz to 20kHz	60Hz to 20kHz
Mounting Depth	2.5" - 64mm	0.75" - 19mm	3" - 76mm



# RX

series

## SPEAKERS

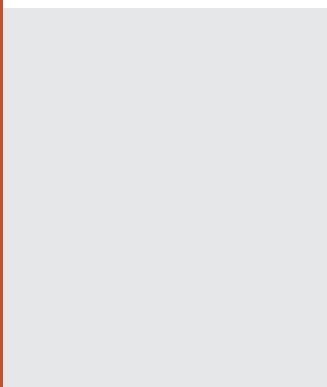


	RX57cx	RX65cx	RX5cx
Size	5" x 7"	6.5"	5.25"
Power Handling	50w RMS - 100w PEAK	50w RMS - 100w PEAK	40w RMS - 80w PEAK
Impedance	4 Ohms	4 Ohms	4 Ohms
Frequency Response	70Hz to 20kHz	70Hz to 20kHz	70Hz to 20kHz
Mounting Depth	2.8" - 71mm	2.5" - 64mm	2.2" - 55mm



# RX

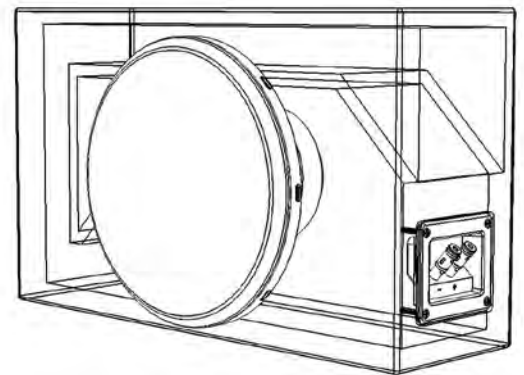
series



	<i>RX46cx</i>	<i>RX4cx</i>
Size	4" x 6"	4"
Power Handling	40w RMS - 80w PEAK	40w RMS - 80w PEAK
Impedance	4 Ohms	4 Ohms
Frequency Response	70Hz to 20kHz	70Hz to 20kHz
Mounting Depth	2.1" - 51.5mm	2" - 50mm

## BASSCASE8

BASSCASE8 is the perfect solution if you are looking to add more bass to your system without taking up valuable cargo space. Don't be misled by its small size, the 8" subwoofer working in unison with the vented enclosure can generate BIG SOUND. The BASSCASE8 was carefully engineered and tuned to deliver maximum performance while saving space. We even included high quality quick connect terminals when you need to temporarily give up bass for space.



- > Loaded 8 Inch Vented Subwoofer Enclosure
- > Compact Size for Easy Installation
- > Powder Coated Protective Metal Grill
- > High Air Flow Slot Vent

- > Embroidered Logo and Cosmetics Highlights
- > One Piece Polypropylene Dustcap
- > Butyl Rubber Surround
- > High Temperature OFC Copper Voice Coil

	BASSCASE8
Size	8"
Power Handling	200w RMS
Impedance	4 Ohms
Frequency Response	20Hz to 30kHz
Dimensions	18.7" L x 6.7" W x 11.0" H

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## G110

- > 10-in Subwoofer Grill
- > Powder Coated Protective Metal Grill Stealth
- > Mounting Design Hides Mounting Screws Rubber
- > Mounting Gasket Eliminates Vibrations or Air Leaks
- > Fits SX, SXt, SXT2 10 inch models



## G112

- > 12-in Subwoofer Grill
- > Powder Coated Protective Metal Grill Stealth
- > Mounting Design Hides Mounting Screws Rubber
- > Mounting Gasket Eliminates Vibrations or Air Leaks
- > Fits SX, SXt, SXT2 12 inch models



## RMD

View your volts. Remote Mountable Amplifier Voltage Display

The RMD allows the amplifier's voltage to be viewed from nearly anywhere in the vehicle. The display is easily mounted with four small screws and includes a 20ft cable that plugs directly into the amplifier's RMD port. Remote mountable amplifier voltage display. Compact size for easy installation in any vehicle. Backlit blue display for excellent day and night time viewing. Plugs into the RMD port on any current or legacy Phoenix Gold amplifier with an RMD port.





THE NEXT LIMITED EDITION WILL BE???







# PHOENIX GOLD

## PHOENIX GOLD

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Specifications subject to change

