



PHOENIX GOLD

2018

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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



- > 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.

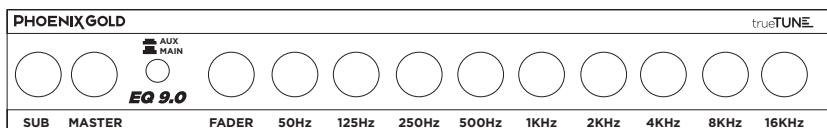
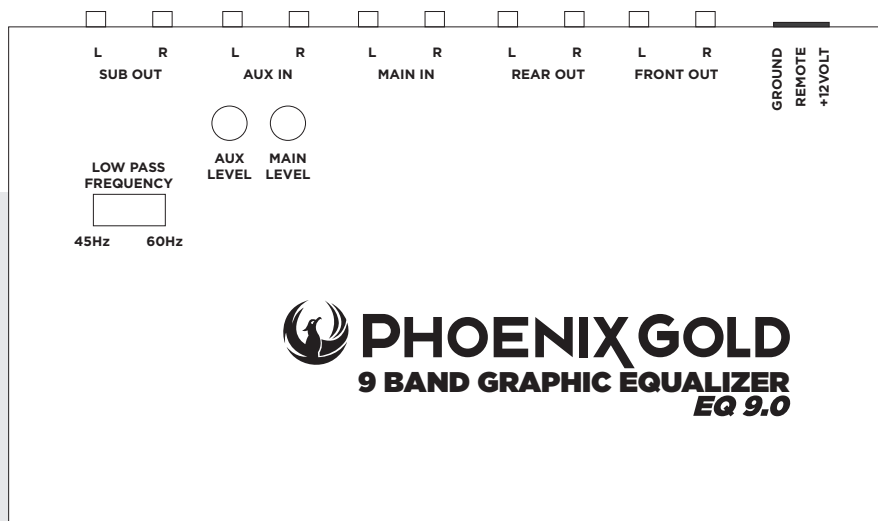


Processor
:EQ9.0

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^{2.0}

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:

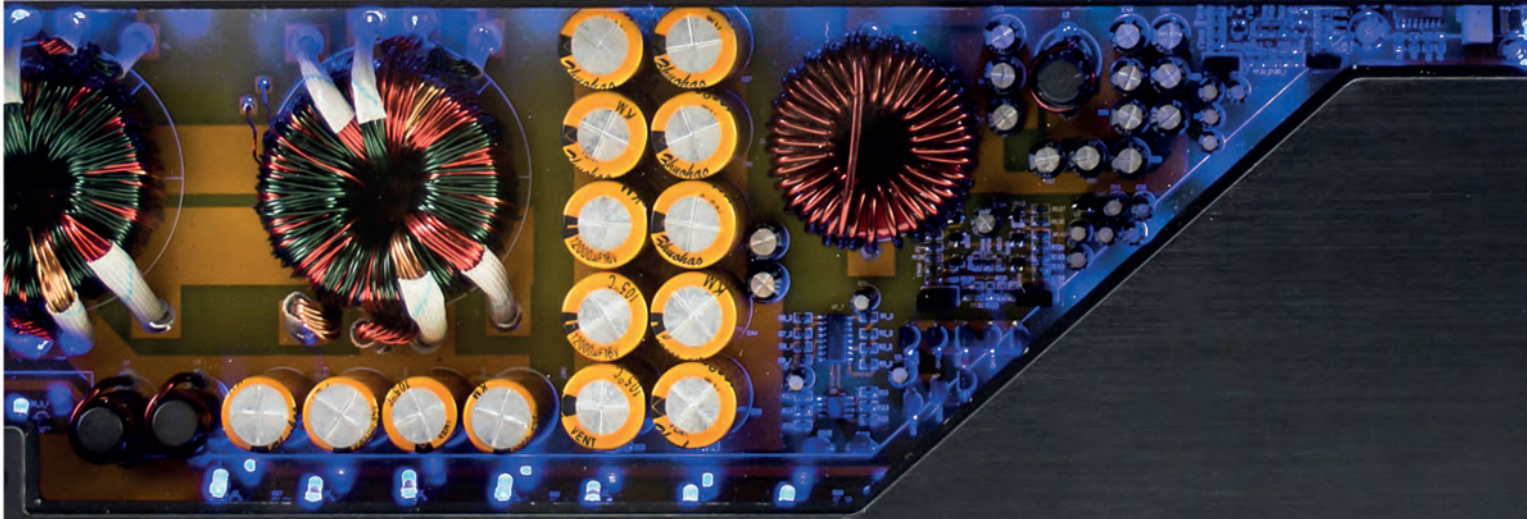
- > Variable Center Frequency Control
- > Parametric Bass Equalization
- > Selectable Ground Isolation Switch
- > 2 Channel Digital Bass Restoration
- > Selectable Balanced / Unbalanced
- > RCA Input and Output Internal Line Driver
- > Variable Output Gain Control
- > Remote Bass Enhancement Control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

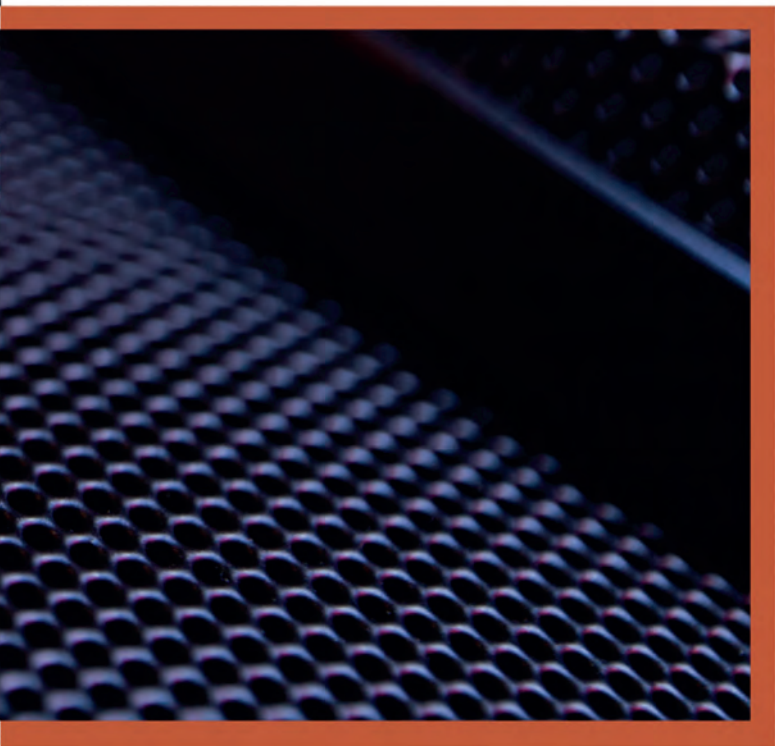
The Bass Cube 2.0 (Constant Usable Bass Enhancement) is basically a single-band parametric bass-boost/level controller which will allow you to select a frequency between 90 and 115 Hz and apply a gain from 0 to 15 dB on that band. It allows you to select between a narrow Q (for ported/bandpass systems) 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





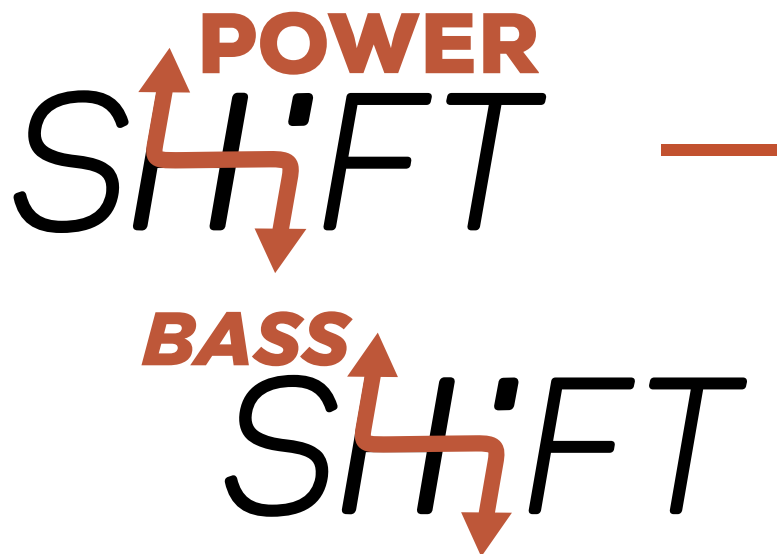
Amplifiers

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.

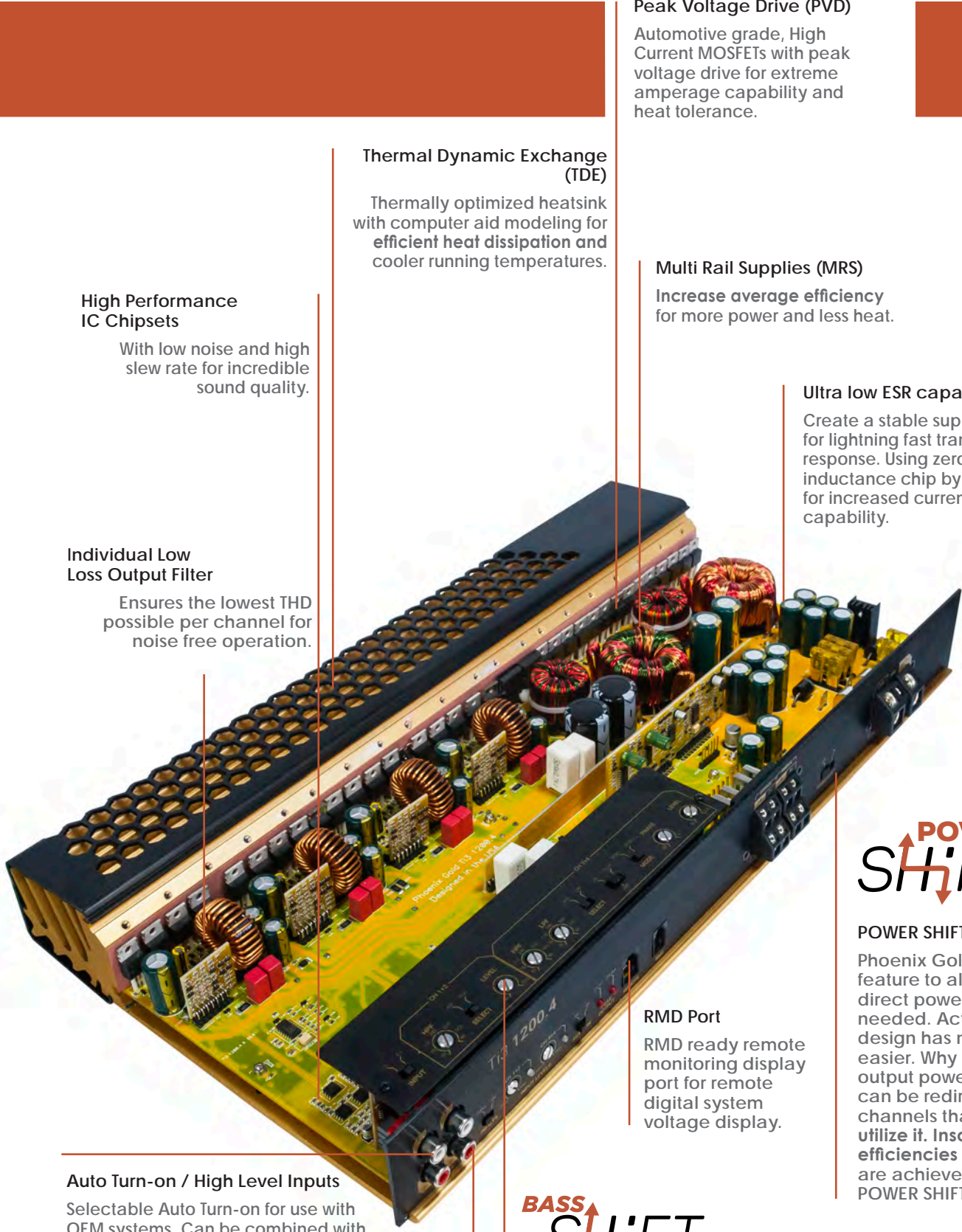
Own the LEGEND - Phoenix Gold.

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.



//////////



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.

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.

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.

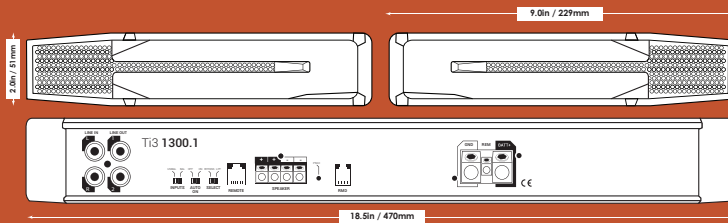
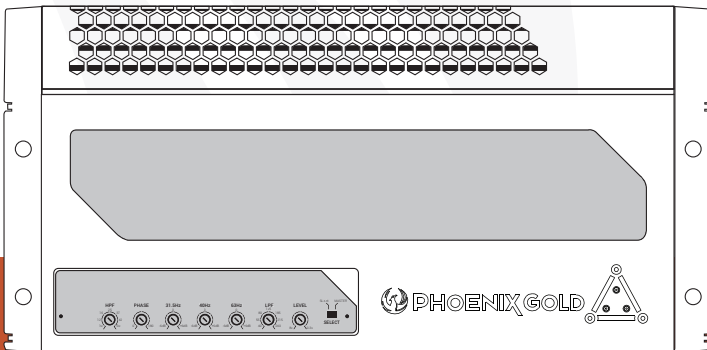
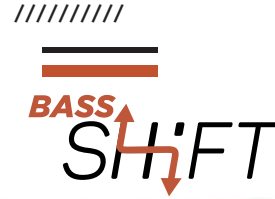
BASS SHIFT

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



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)

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

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 Ω | 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 |
|-------------|-------|

Ti3 series

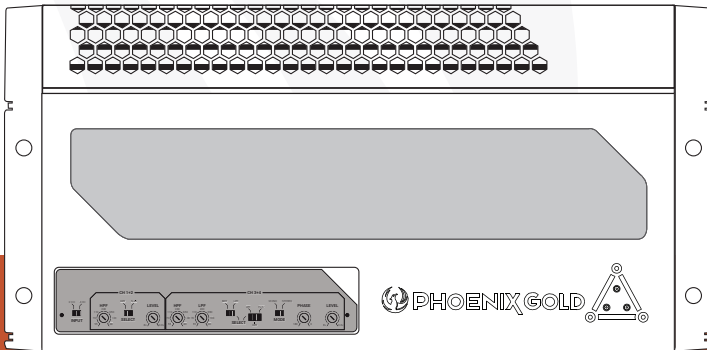
Ti3 1200.4

Type:
Full Range Class D
4 channel

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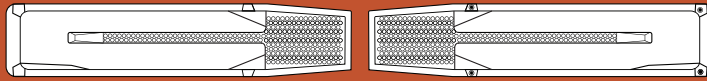
POWER
SHIFT

BASS
SHIFT



9.0in / 229mm

2.0in / 51mm



18.5in / 470mm

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 Ω | 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 |
|-------------|-------|

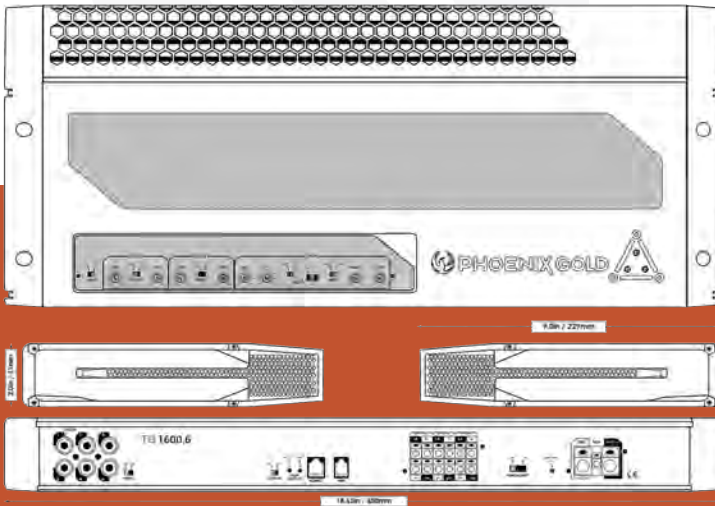
Ti3 series

Ti3 1600.6

Type:
Full Range Class D
6 channel

//////////

POWER **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 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 Ω | 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 |

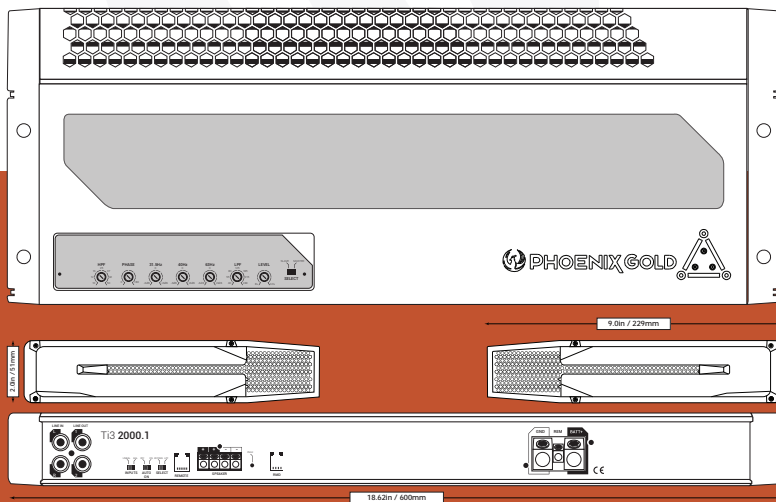
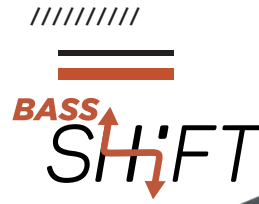
Phase Control

| | |
|-------------|-------|
| 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)

Ti3 series

Ti3 2000.1

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 @ 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 Ω | 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.

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.

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.

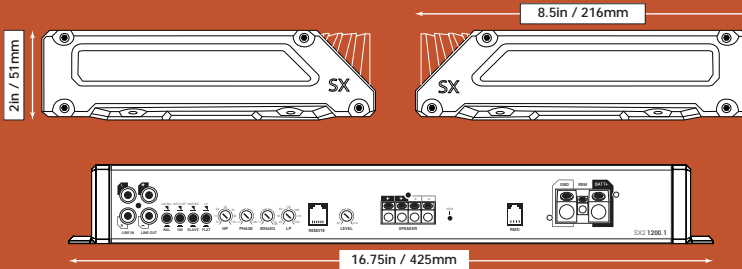
BASS
SHIFT

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 Ω | 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

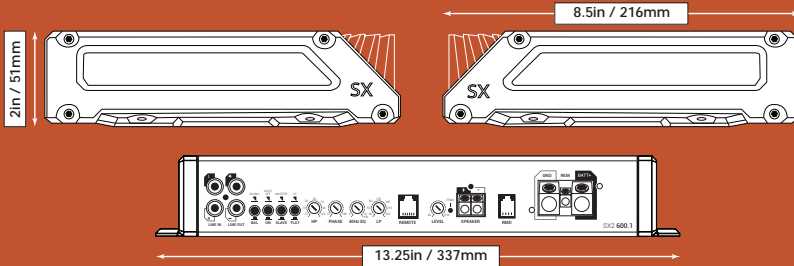
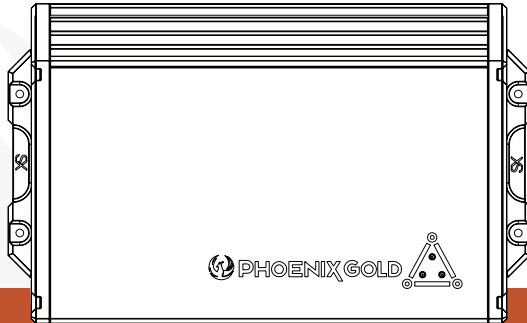
| | |
|-------------|-------|
| Phase Range | 0-180 |
|-------------|-------|

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 Ω | 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

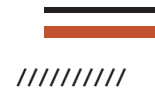
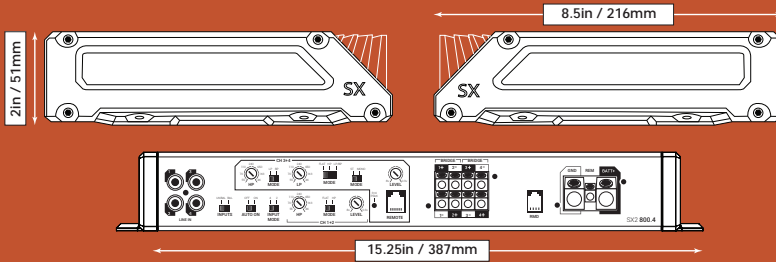
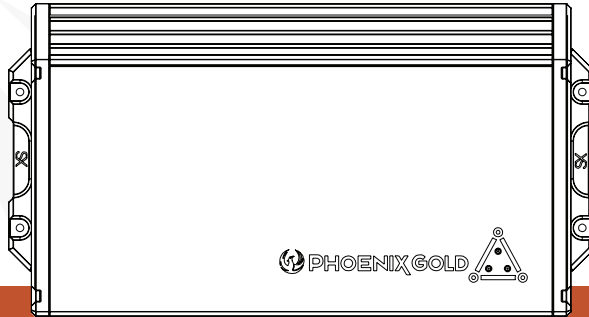
| | |
|-------------|-------|
| Phase Range | 0-180 |
|-------------|-------|

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)

SX2 series

SX2 800.4

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) | <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 Ω | 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)

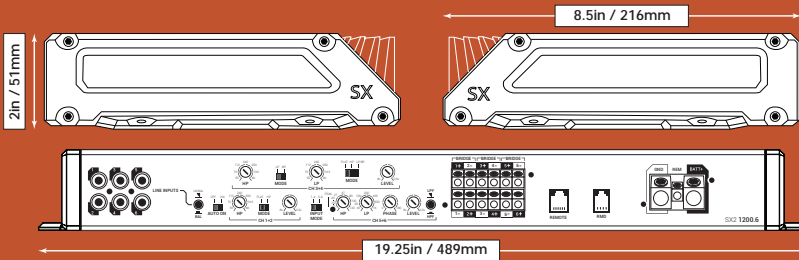
| | |
|------------|---------|
| LP/HP 12dB | 55-4kHz |
| BP/Bypass | Yes |

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 Ω | 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

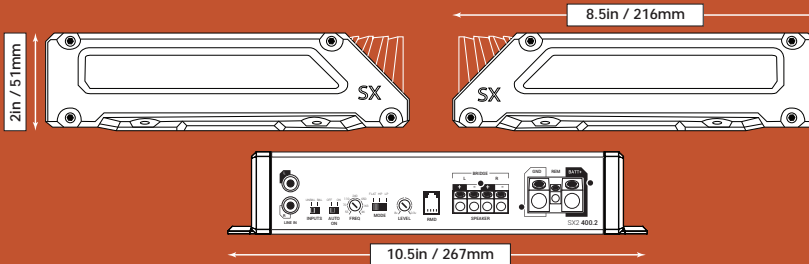
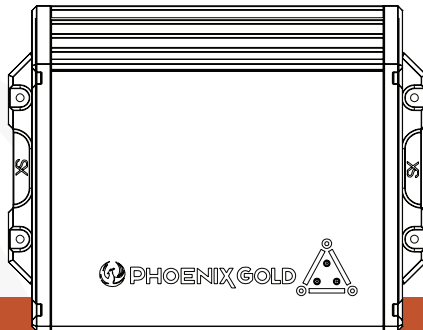
| | |
|-------------|-------|
| Phase Range | 0-180 |
|-------------|-------|

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 Ω | 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.

//////////

RX2
: Amplifiers

Individual Low Loss Output Filters

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

Peak Voltage Drive (PVD)

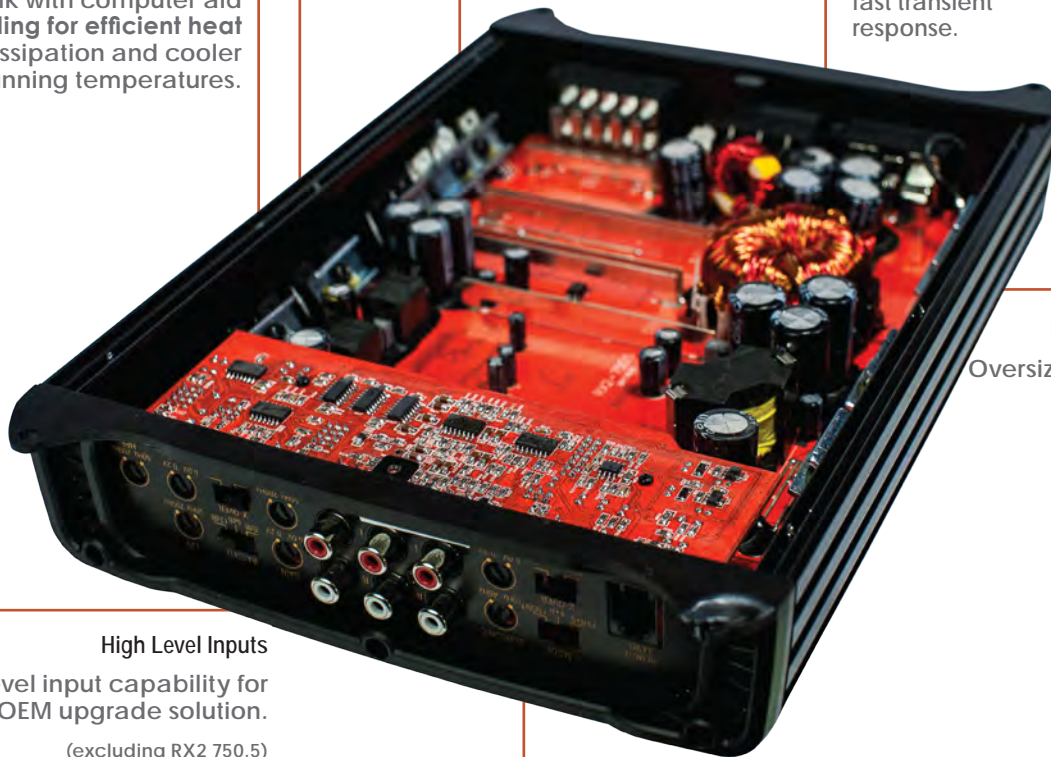
Automotive grade, High Current MOSFETs with peak voltage drive for extreme amperage capability and heat tolerance.

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

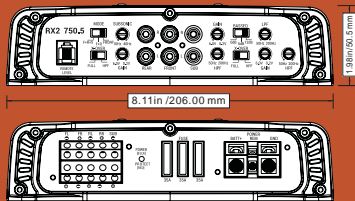
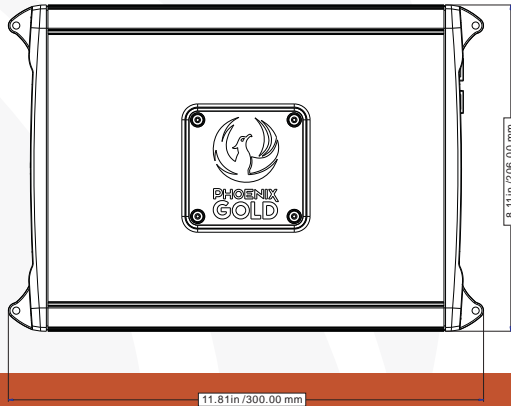
Rotate for proper orientation to match installation needs



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

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 Ω | 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 |
|----------------|------|

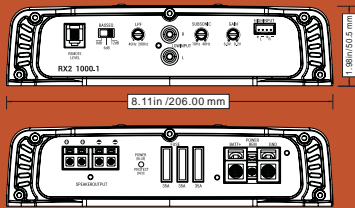
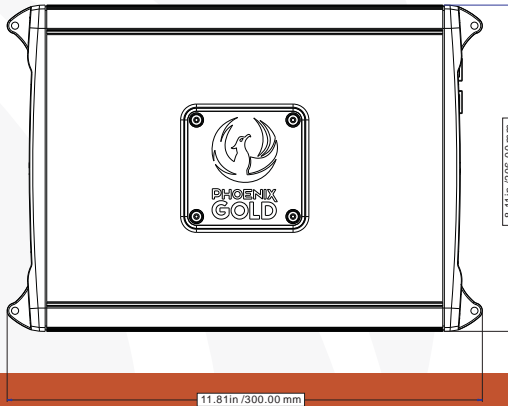
Crossover(s)

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

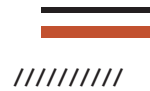
RX2 series

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 Ω | 20k |
|-------------------|-----|

Signal to Noise Ratio - CEA

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

Signal to Noise Ratio -Rated Wrms

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

Damping Factor

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

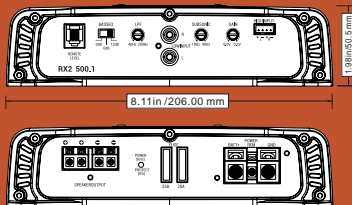
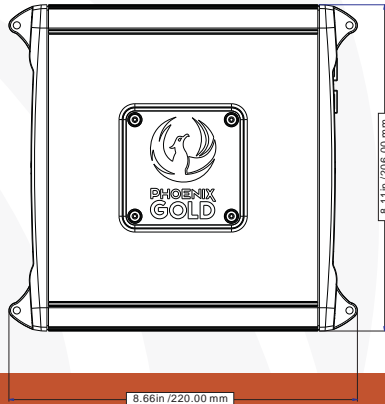
Crossover(s)

| | |
|----------------|--------------|
| 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 Ω | 20k |
|-------------------|-----|

Signal to Noise Ratio - CEA

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

Signal to Noise Ratio -Rated Wrms

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

Damping Factor

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

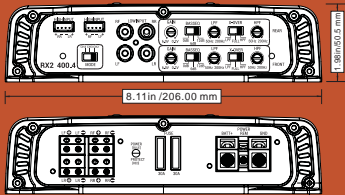
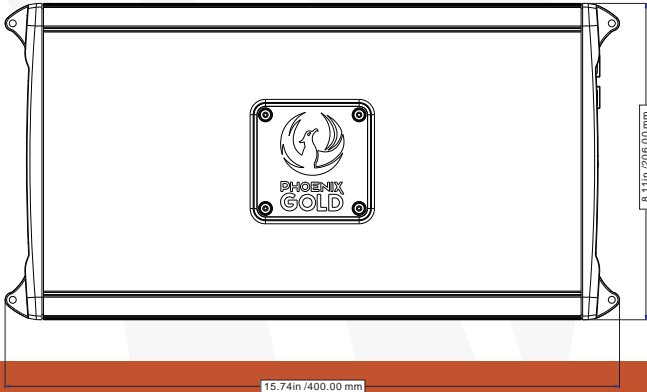
Crossover(s)

| | |
|----------------|--------------|
| 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 Ω | 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 |
|----------------|------|

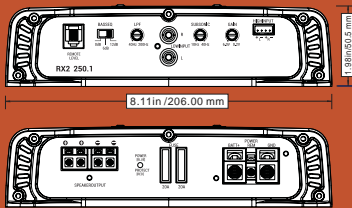
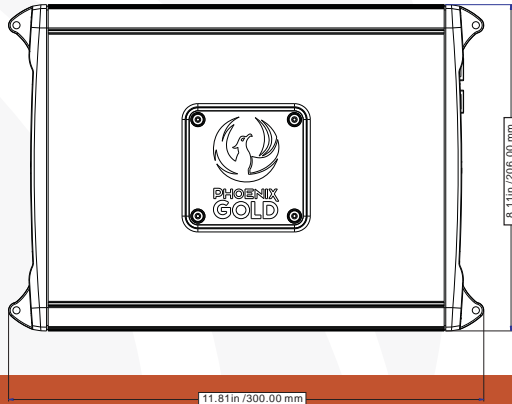
Crossover(s)

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

RX2 series

RX2 250.1

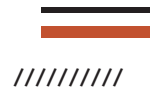
Type:
Class A/B
Monoblock



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 Ω | 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.

Ti3_x
series

SUBWOOFERS

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



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Ti312D2X
:Subwoofer

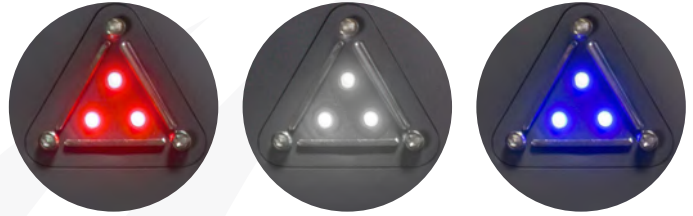
Ti3_x series



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



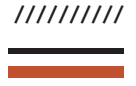
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*Ti310D2
:Subwoofer*

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

| Ti310d4 | Ti310d2 |
|----------------|----------------|
| 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 |

SX

series

SUBWOOFERS

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



//////////



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 |

SX series

SUBWOOFERS



| 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:

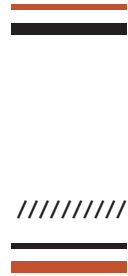
- > 25mm of Peak to Peak Excursion
- > Dual 2 and 4 Ohms Voice Coil Models
- > Woven Tinsel Leads
- > High Excursion CAE/CAD Motor Design
- > Reinforced Vacuum Form Cone Assembly
- > Fiber-Reinforced Dustcap
- > Die Cast Aluminum Spider Spacer Heat Sink
- > 2" High Temperature OFC Copper Voice Coils
- > 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*

//////////





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



//////////



*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? T13X 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 T13X T13, 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.

Ti
series

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_x 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^x
series

Ti365CSX
:Speaker



Ti2

series

SPEAKERS

Ti2 speakers are designed to outperform speakers costing twice as much. Painstaking 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



//////////



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 |

SX series

SPEAKERS

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



//////////



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



RX series

SPEAKERS

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

////////



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



| | <i>RX57cx</i> | <i>RX65cx</i> | <i>RX5cx</i> |
|--------------------|---------------------|---------------------|--------------------|
| 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

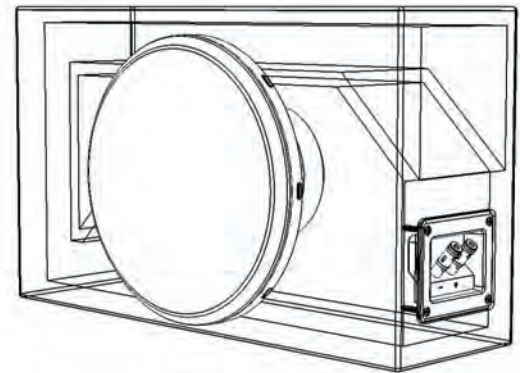
series



| | RX46cx | RX4cx |
|--------------------|--------------------|--------------------|
| 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 |



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???



Z

series

PHOENIX GOLD

400W 12" Subwoofer Z112-V2

Bi-Spatial Composite Cone

Press-formed paper cone for accurate bass, coupled with a polypropylene cap for added stiffness. Engineered for maximum bass.

Max Voice Coil Venting

Thermally efficient exhaust vents diffuse heat for greater reliability and high power handling.

Butyl Rubber Surround

Excellent durability for prolonged performance and controlled cone movement for pounding bass.

Heavy Duty Push Terminals

For quick installation and recessed mounting points for added good looks.



400W MAX | 200W RMS

10" and 12" Active Bass Enclosures

- Built-in class A/B amplifier
- Bass reflex tuning
- High and low inputs
- Precision constructed trapezium enclosures
- Remote control and wiring kit included.



160W PEAK
80W RMS

10" Active Bass Enclosures

Z110AB-V2

Dimensions (WxHxD):

18.75" x 13.5" x 13"

476.25mm x 342.9mm x 330.2mm



160W PEAK
80W RMS

12" Active Bass Enclosures

Z112AB-V2

Dimensions (WxHxD):

22" x 15" x 15.5"

558.8mm x 381mm x 393.7mm

8" Slim Active Bass Enclosure Z8150-V2

- Power Output: 150w x 1 at 2 ohm, 300w peak
- Variable low and subsonic crossovers
- Variable bass boost (0 to 18dB)
- Variable phase (0 to 180 degree)
- Auto Power On: (ON/OFF)
- Remote subwoofer level control included
- Dimensions (LxWxH): 13.94" x 9.8" x 2.69"
354mm x 250mm x 68mm



**300W PEAK
150W RMS**

10" Slim Active Bass Enclosure Z10150

- Power Output: 150w x 1 at 2 ohm, 300w peak
- Variable low and subsonic crossovers
- Variable bass boost (0 to 18dB)
- Variable phase (0 to 180 degree)
- Auto Power On: (ON/OFF)
- Remote subwoofer level control included
- Dimensions (LxWxH): 13.94" x 9.8" x 2.69"
354mm x 250mm x 68mm



**300W PEAK
150W RMS**

12" Dual 12" Active Wedge Enclosure Z212AB

- Peak Power (Watts) 640 Watts
- RMS Power (Watts) 160 Watts
- Frequency Response 10Hz-200Hz
- Low Pass Filter (Variable) 50Hz-200Hz
- Tuning Bass Reflex
- Woofer Size Dual 12"
- Fuse 25A
- Dimensions (LxWxH):
32.44" x 15.07" x 15.55"
824mm(w) x 383mm(h) x 395mm(d)



**640W PEAK
160W RMS**



OEM Connection Ready

Compatible with aftermarket or original fit source units

High Level Auto Turn On

Powers on the amplifier when an audio signal is supplied

4-Way Protection Circuit

Thermal / Reversed Power / Polarity / Low Voltage / Short Circuit

Heavy Duty Connector Block

Provides maximum current supply

High & Low Level Inputs

Versatile connectivity to suit any vehicle (ZRHC High Level Adapter sold separately)

Remote Bass Ready

Control the bass level with the ZRBC (sold separately)

Integrated Cooling Fan (except Z1000.1)

Regulates amplifier temperature for sustained performance

Low Level RCA Outputs (Z300.1 & Z1000.1)

Easily connect to other amplifiers

Remote Bass Level Controller ZRBC



High to Low Level Converter ZRHC



300W 2 Channel Amplifier Z150.2

300 Watt 2 Channel Amplifier
150 Watts RMS
Hi Level & Low Level Input
Remote Bass Control Ready

AMPLIFIERS & ACCESSORIES



600W Monoblock Amplifier

Z300.1

Class AB Topology

Power Ratings:

200w x 1 @ 4 ohm
300w x 1 @ 2 ohm

Dimensions:

12.25 x 7.23 x 1.9"
312 x 186 x 49mm



600W 4 Channel Amplifier

Z300.4

Class AB Topology

Power Ratings:

60w x 4 @ 4 ohm
75w x 4 @ 2 ohm
150w x 2 @ 4 ohm bridged

Dimensions:

12.25 x 7.23 x 1.9"
312 x 186 x 49mm



1200W 5 Channel Amplifier

Z600.5

Class AB Topology

Power Ratings:

60w x 4 @ 4 ohm + 1 x 200w @ 4 ohm
75w x 4 @ 2 ohm + 1 x 300w @ 2 ohm
150w x 2 @ 4 ohm bridged + 1 x 300w @ 2 ohm

Dimensions:

14.75 x 7.23 x 1.9"
372 x 186 x 49mm



2000W Monoblock Amplifier

Z1000.1

Class D Topology

Power Ratings:

400w x 1 @ 4 ohm
700w x 1 @ 2 ohm
1000w x 1 @ 1 ohm

Dimensions:

12.25 x 7.23 x 1.9"
312 x 186 x 49mm

Z series

COAXIAL SPEAKERS

- Flush profile tweeters and a compact basket design for easy installation
- High quality polypropylene cone material for great sounding audio
- Quality butyl rubber surround for excellent durability and prolonged performance
- Ferrofluid tweeters enable enhanced thermal contact for increased reliability and optimum damping for the voice coils.

5.25" / 130mm Coaxial Speakers

Z5CX



80W PEAK
40W RMS

4" / 100mm Coaxial Speakers

Z4CX



70W PEAK
35W RMS

6.5" / 165mm Coaxial Speakers

Z65CX



80W PEAK
40W RMS

5x7" Coaxial Speakers

Z57CX



80W PEAK
40W RMS

4x6" Coaxial Speakers

Z46CX



75W PEAK
35W RMS

6x9" 3-Way Coaxial Speakers

Z69CX



110W PEAK
55W RMS

COMPONENT SPEAKERS

- Shallow mount design with compact basket design for easy installation
- High quality polypropylene cone material for great sounding audio
- Space saving internal crossover separates audio frequencies, creating more realistic sound experience
- Quality butyl rubber surround for excellent durability and prolonged performance
- Ferrofluid tweeters enable enhanced thermal contact for increased reliability and optimum damping for the voice coils.

5.25" / 130mm Component Speaker Kit **Z5CS**



**70W PEAK
35W RMS**

6.5" / 165mm Component Speaker Kit **Z65CS**



**80W PEAK
40W RMS**



PHOENIX GOLD

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