



**P**

*PHOENIX GOLD<sup>®</sup>*  
*30 years*



<b>Amplifiers</b> .....	<b>1</b>
<i>ELITE Series</i> .....	3-4
<i>Ti Series</i> .....	5-6
<i>SX Series</i> .....	7-8
<i>PSX350.2</i> .....	9-10
<i>RX Series</i> .....	11-12
<b>Subwoofers</b> .....	<b>13</b>
<i>ELITE Series</i> .....	15-16
<i>Ti Series</i> .....	17-18
<i>SX Series</i> .....	19-20
<i>SXt</i> .....	21-22
<i>RX Series</i> .....	23-24
<b>Speakers</b> .....	<b>25</b>
<i>ELITE</i> .....	27-28
<i>Ti Series</i> .....	29-30
<i>SX Series</i> .....	31-32
<i>RX Series</i> .....	33-34
<b>Integrated Series</b>	
<i>iAMP-GM1 &amp; iAMP-GM1C</i> .....	35-36
<b>Loaded Enclosure</b>	
<i>BASSCASE8</i> .....	37
<b>Accessories / Promo</b> .....	<b>38</b>



# The Phoenix Gold

## 30 Year

legacy lives on - with Award-Winning Performance. Around 1985, the car audio scene was filled with young car enthusiasts wanting power and sound that could be heard miles down the road, much to the dismay of parents and police alike. From the start, Phoenix Gold amplifiers and speakers led the pack with not just loud, but quality sound and reliable powerful performance.

Over the last 30 years, Phoenix Gold has kept its edge as the leader in top award-winning performance by adapting new technologies and developing more efficient ways to deliver audio performance in today's vehicles. From Class-D amplifiers that can fit in the tightest spaces, to slim-profile subwoofers with incredible tonality, Phoenix Gold continues to deliver reliable power and amazing sound that can be heard miles down the road.

– Phoenix Gold for 30 Years – *The difference between Noise and Melody.*



# Amplifiers

For three decades, Phoenix Gold has earned the distinguished reputation for engineering and design excellence of mobile audio amplifiers. Our world class engineering and R/D teams continue to create amplifiers that are more powerful, more efficient and more convenient to integrate into OEM systems. All while maintaining the ultimate goal, the sonic excellence of reproducing your music exactly as it was intended. Over the years, Phoenix Gold has been used as the benchmark for mobile audio amplifiers due to their legacy of unparalleled sound quality. Today, the Phoenix Gold product line is diverse with multiple applications, but it's fundamental engineering and design goals of uncompromising performance remain unchanged.

*Power Birth Certificate*  
As part of quality control, each series amp is tested and the actual specifications of that amp are included on each power birth certificate.





*ELITE.5 shown*

**ELITE**  
series

- Burr Brown Operational Amplifiers (Elite.2/.4/.5)
- Monolithic Signal Capacitors (Elite.2/.4/.5)
- Audiophile Sanken Output Devices (Elite.2/.4/.5)
- Overbuilt Unregulated Power Supplies
- Handwound Power Supply Transformers
- Triple Darlington Output Stage (Elite.2/.4/.5)
- Isolated Pre-Amp Section
- Variable Subwoofer Phase Control
- Aluminum Shaft Potentiometers
- Crossovers have 41 Detents for Exact Frequency Selection
- Clip Indicators on Level Control and Heatsink
- Integrated Cooling via Endcap Vents
- Extruded Aluminum Heatsink with Evenflow Technology
- RMD- Remote Voltage Display Ready



# ELITE series

The Elite-series amplifiers are direct descendants of the legendary MS/MPS series designs that put PG in a class of its own... These Elite amps are considered the PINNACLE OF EXCELLENCE featuring only the finest audio components such as Burr Brown op-amps, monolithic signal capacitors, and dual-package Sanken output transistors. This result is unparalleled sonic performance in a mobile audio amplifier. The sheer breadth of the Elite amplifiers' dynamic range conveys a musical realism that transcends standard amplifier designs having a +/- 1dB frequency response from 10-50kHz. With seemingly unlimited frequency response and smashing dynamic range the end result is the finest sounding amplifier Phoenix Gold has ever built, period. Oh yeah, they are also built like a brick house and drive low impedance loads without breaking a sweat or sacrificing sound quality.



		<i>ELITE.5</i>	<i>ELITE.4</i>	<i>ELITE.2</i>	<i>ELITE.1</i>
Number of Channels		5	4	2	1
Power rating @ 14.4v less than 1%THD RMS	1Ω	1100W x 1 (Sub)	300W x 4*	500W x 2*	3200W x 1
	2Ω	150W x 4 (F/R) + 700W x 1 (Sub)	250W x 4 / 600 x 2	400W x 2 / 1000 x 1	2400W x 1
	4Ω	100W x 4 / 300 x 2 (F/R)	150W x 4 / 500 x 2	250W x 2	6400W x 1 (Strapped) @ 2 Ohms
Sub Low Pass	30Hz to 300Hz @ 24dB/octave	-	-	30Hz to 300Hz @ 24dB/octave	
Sub Variable Phase	0 to 180 degrees	-	-	0 to 180 degrees	
Front High Pass	20Hz to 4kHz @ 18dB/octave	20Hz to 4kHz @ 18dB/octave	20Hz to 4kHz @ 18dB/octave	Subsonic 10Hz to 55Hz @ 24dB/octave	
Rear High Pass	40Hz to 4kHz @ 18dB/octave	40Hz to 4kHz @ 18dB/octave	40Hz to 4kHz @ 18dB/octave	Bass Boost 0 to +18dB/Octave	
Front Low Pass	-	20Hz to 4kHz @ 18dB/octave	20Hz to 4kHz @ 18dB/octave	-	
Rear Low Pass	40Hz to 4kHz @ 18dB/octave	20Hz to 4kHz @ 18dB/octave	20Hz to 4kHz @ 18dB/octave	-	
Bass Boost	Subsonic 10Hz to 55Hz @ 24dB/octave			0 to +18dB	
Frequency Response	20Hz to 50kHz (+/- 1dB)	10Hz to 50kHz (+/- 1dB)	10Hz to 50kHz (+/- 1dB)	20Hz to 300Hz (+/- 1dB)	
Signal to Noise Ratio	Greater than 110dB	Greater than 110dB	Greater than 110dB	Greater than 110dB	
Efficiency	55% (F/R) 85% (Sub)	55%	55%	85%	
Damping Factor	Greater than 200	Greater than 200	Greater than 200	Greater than 200	
Heatsink Thermal Mass	13 grams per mm	13 grams per mm	13 grams per mm	13 grams per mm	
Power Terminal	1/0GA	1/0GA	1/0GA	1/0GA	
Dimensions	23.3" L x 10.5" W x 2.6" H	23.3" L x 10.5" W x 2.6" H	23.3" L x 10.5" W x 2.6" H	23.3" L x 10.5" W x 2.6" H	

\*Reactive Load Measurement



*Ti21600.5 shown*



- Efficient Class-D Topology
- Audiophile NJM2068M Operational Amplifiers
- Ultra High Speed IR Class-D Chipset
- ADAPT Power Management (Ti21000.4, Ti21600.5)
- Thermal Rollback System Circuitry (Ti21000.4, Ti21600.5)
- Surface Mount Component Technology

- Crossovers have 41 Detents for Exact Frequency Selection
- High Grade Aluminum Shaft Potentiometers
- Variable Subwoofer Phase Control
- Signal Clipping Indicators
- RBCF - Remote Bass Level Control Included
- RMD - Remote Voltage Display Ready

# Ti series

The Titanium or Ti-series carries out the tradition of our sound quality and brute power coupled with many onboard analog processing features. Over time the Ti amplifiers have been reduced in size without sacrificing power and ergonomics. The current Ti amplifiers are the definition of power and compactness and can be mounted just about anywhere and they have power levels never seen in this class of products. The new IR Class-D technology has allowed us to use this full range chip in all models. The Post Filter Feedback circuit, Audiophile OP-AMPS and Balanced Differential inputs allow these new amplifiers to have immeasurable musical reproduction that rival some of the best Class-A/B amplifiers. The Low EMI Circuit, ADAPT power management systems and the Thermal Rollback circuit are just the things needed to provide maximum efficiency and lower operating temperatures.



	<i>Ti21600.5</i>	<i>Ti21000.4</i>	<i>Ti22000.1</i>	<i>Ti21300.1</i>	<i>Ti2800.1</i>
Number of Channels	5	4	1	1	1
Power rating @ 14.4v less than 1%THD RMS	1Ω	-	2000W x 1	1300W x 1	800W x 1
	2Ω	200W x 4 (F/R) + 800W x 1 (Sub)	1300W x 1	900W x 1	600W x 1
	4Ω	125W x 4 (F/R) + 500W x 1 (Sub)	700W x 1	600W x 1	400W x 1
Sub Low Pass	30Hz to 300Hz @ 12dB/octave	-	30Hz to 200Hz @ 24dB/octave	30Hz to 200Hz @ 24dB/octave	30Hz to 200Hz @ 24dB/octave
Sub Variable Phase	0 to 180 degrees	-	0 to 180 degrees	0 to 180 degrees	0 to 180 degrees
Front High Pass	40Hz to 4kHz @ 12dB/octave	45Hz to 4kHz @ 12dB/octave	Subsonic 10Hz to 55Hz @ 48dB/octave	Subsonic 10Hz to 55Hz @ 48dB/octave	Subsonic 10Hz to 55Hz @ 48dB/octave
Rear High Pass	20Hz to 4kHz @ 12dB/octave	20Hz to 4kHz @ 12dB/octave	-	-	-
Front Low Pass	-	45Hz to 4kHz @ 12dB/octave	-	-	-
Rear Low Pass	40Hz to 4kHz @ 12dB/octave	40Hz to 4kHz @ 12dB/octave	-	-	-
Bass Boost	Subsonic 10Hz to 55Hz @ 48dB/octave		0 to +18dB	0 to +18dB	0 to +18dB
Input Section	Balanced Differential	Balanced Differential	Balanced Differential	Balanced Differential	Balanced Differential
Frequency Response	20Hz to 20kHz (+/- 1dB)	20Hz to 20kHz (+/- 1dB)	20Hz to 200Hz (+/- 1dB)	20Hz to 200Hz (+/- 1dB)	20Hz to 200Hz (+/- 1dB)
Signal to Noise Ratio	Greater than 100dB	Greater than 100dB	Greater than 90dB	Greater than 90dB	Greater than 90dB
Efficiency	80%	80%	80%	80%	80%
Damping Factor	Greater than 200	Greater than 200	Greater than 200	Greater than 200	Greater than 200
Heatsink Thermal Mass	6.0 grams per mm	6.0 grams per mm	6.0 grams per mm	6.0 grams per mm	6.0 grams per mm
Power Terminal	4GA	4GA	0GA	4GA	4GA
Dimensions	14.4" L x 7.1" W x 2.0" H	11.7" L x 7.1" W x 2.0" H	20.0" L x 7.1" W x 2.0" H	14.4" L x 7.1" W x 2.0" H	11.7" L x 7.1" W x 2.0" H



*SX1200.5 shown*



- Ultra Efficient Class D Topology
- Compact Size for Easy Installation
- ADAPT Power Management (SX800.4, SX1200.5)
- Surface Mount Component Technology
- Thermal Rollback System Circuitry (SX800.4, SX1200.5)
- Direct Insert Power and Speaker Terminals

- RBCF - Remote Bass Level Control Included (Except SX800.4)
- Backlit Blue Phoenix Gold Logo
- Variable Phase Subwoofer Control
- Power Output Birth Certificate
- Audio Precision Quality Control Verification
- RMD - Remote Voltage Display Ready

# SX series

The SX-series amplifiers are setting a new standard in performance. SX amps are the newest and most exciting creation from the Phoenix Gold engineering team. These amplifiers are ultra compact in size, so that they can be mounted just about anywhere. But don't be fooled by their small size as these amplifiers deliver serious performance. We have created a full-range Class-D topology that seamlessly delivers outstanding sound quality that even the most critical listener will enjoy. The Class-D design is also ultra efficient, which means lower operating temperatures and less strain on the vehicle's electrical system. The SX amplifiers are the perfect balance of power, size and efficiency.



	SX1200.5	SX800.4	SX1200.1	SX600.1	SX400.1
Number of Channels	5	4	1	1	1
Power rating @ 14.4v less than 1%THD RMS	1Ω	-	1200W x 1	600W x 1	-
	2Ω	200W x 4 (F/R) + 400W x 1(Sub)	800W x 1	400W x 1	400W x 1
	4Ω	125W x 4 (F/R) + 250W x 1(Sub)	500W x 1	250W x 1	250W x 1
Sub Low Pass	15Hz to 250Hz @ 12dB/octave	-	30Hz to 300Hz @ 12dB/octave	30Hz to 300Hz @ 12dB/octave	30Hz to 300Hz @ 12dB/octave
Sub Variable Phase	-	-	0 to 180 degrees	0 to 180 degrees	0 to 180 degrees
Front High Pass	15Hz to 250Hz @ 12dB/octave	-	Subsonic 10Hz to 55Hz @ 12dB/octave	Subsonic 10Hz to 55Hz @ 12dB/octave	Subsonic 10Hz to 55Hz @ 12dB/octave
Rear High Pass	15Hz to 250Hz @ 12dB/octave	-	-	-	-
Front Low Pass	-	40Hz to 400Hz @ 12dB/octave	-	-	-
Rear Low Pass	-	40Hz to 400Hz @ 12dB/octave	-	-	-
Bass Boost	0 to +18dB	0 to +18dB (Rear Ch. only)	0 to +18dB	0 to +18dB	0 to +18dB
Input Section	Balanced Differential	Balanced Differential	Unbalanced	Unbalanced	Unbalanced
Frequency Response	20Hz to 20kHz (+/- 1dB)	20Hz to 20kHz (+/- 1dB)	20Hz to 300Hz (+/- 1dB)	20Hz to 300Hz (+/- 1dB)	20Hz to 300Hz (+/- 1dB)
Signal to Noise Ratio	Greater than 100dB	Greater than 100dB	Greater than 90dB	Greater than 90dB	Greater than 90dB
Efficiency	80%	80%	80%	80%	80%
Damping Factor	Greater than 200	Greater than 200	Greater than 200	Greater than 200	Greater than 200
Heatsink Thermal Mass	5.0 grams per mm	5.0 grams per mm	5.0 grams per mm	5.0 grams per mm	5.0 grams per mm
Power Terminal	Greater than 200	Greater than 200	Greater than 200	Greater than 200	Greater than 200
Dimensions	12.3" L x 6.9" W x 2.0" H	11.2" L x 6.9" W x 2.0" H	12.3" L x 6.9" W x 2.0" H	10.1" L x 6.9" W x 2.0" H	7.4" L x 6.9" W x 2.0" H



*PSX350.2 shown*



- Stream Audio Directly to the Amplifier or Use RCA Inputs
- Perfect for Motorcycles, ATV, Marine and Mobile applications
- Small Foot Print/Low Profile
- IPX-4/5 Weather Resistant Design/Wiring Cover
- Bluetooth® Receiver Built-In
- Full Range Class D

- Unregulated Power Supply
- Auto Switching RCA and BT Inputs
- Aux RCA Output (to link to Additional Amplifiers)
- Balanced Differential RCA inputs
- Diecast Endcaps
- Removable Mounting Feet

# SX series

The newest amp to join the SX-series of products is the highly anticipated (POWER SPORTS XTREME) PSX350.2 This new, exciting and innovative amplifier is extremely versatile while being insanely compact. The PSX350.2 is ideally suited for any installation as it is weather resistant and offers quick and easy Bluetooth connectivity. This amp is engineered to deliver massive power with a minimal footprint and it allows audio streaming directly to the amplifier. With these features on tap the PSX350.2 is well suited for normal automotive use along with motorcycles, boats, ATVs, snowmobiles, marine sports applications and other power sports vehicles. Because this amplifier's Class-D circuitry operates at 80% efficiency, it generates less heat and draws much less current, meaning less stress on the vehicle's electrical system. Now go enjoy your music wherever your imagination takes you...



		PSX350.2
Number of Channels		2
Power rating @ 14.4v less than 1%THD RMS	1Ω	-
	2Ω	175W x 2
	4Ω	100W x 2 / 350W x 1
Sub Low Pass		40Hz to 400Hz @ 12dB/octave
Sub Variable Phase		40Hz to 400Hz @ 12dB/octave
Front High Pass		15Hz to 300Hz @ 12dB/octave
Rear High Pass		-
Bass Boost		-
Frequency Response		20Hz to 20kHz (+/- 1dB)
Signal to Noise Ratio		Greater than 100dB
Efficiency		80%
Damping Factor		Greater than 200
Heatsink Thermal Mass		5.0 grams per mm
Power Terminal		Greater than 200
Dimensions		4.72" L x 5.11" W x 1.6" H



*RX600.5 shown*



- Surface Mount Component Technology
- Robust Unregulated Power Supply
- Audiophile Bi-Polar Output Devices (Except RX1100.1)
- High Level Inputs for Easy OEM integration
- Variable Phase Subwoofer Control
- Class A/B Topology (Except RX1100.1)

- Direct Insert Power and Speaker Terminals
- RBCF - Remote Bass Level Control Included (Except RX400.4)
- RMD - Remote Voltage Display Ready
- Audio Precision Quality Control Verification
- High Temperature Plexiglass Cover
- Power Output Birth Certificate



# RX series

The RX-series amplifiers are the reference for style and value featuring high quality double sided circuit board with SMT parts. Each part is computer tested before being instantly inserted and soldered by machine onto the PCB. The result is the correct part secured in the correct place for the lifetime of the amplifier. These, quite frankly, provide the best bang for the buck available today. Built tough with a heavy duty heatsink, robust unregulated power supply, oversized direct input power and speaker terminals. They also sound sweet thanks to the audiophile grade bi-polar output transistors. Want to upgrade your stock system without changing the head unit? No problem, the high level input makes breathing new life into your stock system simple. RX-series amplifiers will power your audio system to new levels everyday and all day without breaking the bank.



	<i>RX600.5</i>	<i>RX400.4</i>	<i>RX1100.1</i>	<i>RX500.1</i>	<i>RX250.1</i>
Number of Channels	5	4	1	1	1
Power rating @ 14.4v less than 1%THD RMS	1Ω	-	1100W x 1	-	-
	2Ω	80W x 4 (F/R) + 300W x 1(Sub)	800W x 1	500W x 1	250W x 1
	4Ω	60W x 4 (F/R) + 200W x 1(Sub)	400W x 1	300W x 1	150W x 1
Sub Low Pass	30Hz to 300Hz @ 12dB/octave	-	-	-	-
Sub Variable Phase	-	-	30Hz to 300Hz @ 12dB/octave	30Hz to 300Hz @ 12dB/octave	30Hz to 300Hz @ 12dB/octave
Front High Pass	15Hz to 250Hz @ 12dB/octave	40Hz to 400Hz @ 12dB/octave	0 to 180 degrees	0 to 180 degrees	0 to 180 degrees
Rear High Pass	15Hz to 250Hz @ 12dB/octave	40Hz to 400Hz @ 12dB/octave	Subsonic 10Hz to 55Hz @ 12dB/Octave	Subsonic 10Hz to 55Hz @ 12dB/Octave	Subsonic 10Hz to 55Hz @ 12dB/Octave
Front Low Pass	-	40Hz to 400Hz @ 12dB/octave	-	-	-
Rear Low Pass	-	40Hz to 400Hz @ 12dB/octave	-	-	-
Bass Boost	0 to +18dB		0 to +18dB	0 to +18dB	0 to +18dB
Frequency Response	20Hz to 20kHz (+/- 1dB)	20Hz to 20kHz (+/- 1dB)	20Hz to 300Hz (+/- 1dB)	20Hz to 300Hz (+/- 1dB)	20Hz to 300Hz (+/- 1dB)
Signal to Noise Ratio	Greater than 100dB	Greater than 100dB	Greater than 100dB	Greater than 100dB	Greater than 100dB
Efficiency	50% (F/R) 85% (Sub)	50%	50%	50%	50%
Damping Factor	Greater than 200	Greater than 200	Greater than 200	Greater than 200	Greater than 200
Heatsink Thermal Mass	7.0 grams per mm	7.0 grams per mm	7.0 grams per mm	7.0 grams per mm	7.0 grams per mm
Power Terminal	4GA	4GA	4GA	4GA	8GA
Dimensions	14.5" L x 8.4" W x 2.0" H	14.5" L x 8.4" W x 2.0" H	11.75" L x 8.4" W x 2.0" H	14.5" L x 8.4" W x 2.0" H	9.4" L x 8.4" W x 2.0" H





# Subwoofers

From the bone crushing Elite to the ultra compact SXT, 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 CAE/CAD motor structures Phoenix Gold subwoofers will take your audio system to the next level of performance.



*Elite 212d4 shown*

**ELITE**  
series

- 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 Castbasket

# ELITE series

The Elite-series subwoofers are the best Phoenix Gold subwoofers period. The new Elite2 subwoofers are the best ever. Engineered with extreme precision high-temp 3" voice coils from Japan for increased power handling and reliability, a larger triple-stacked 230oz motor and radial venting for 30% better heat dissipation over the previous model. The new Elite2 still features the legendary tri-LED's on the dust cap which is now customizable and field serviceable. The dual spider system keeps the ultra long voice coil centered to eliminate any motor vibrations and losses. The speaker terminals were relocated to one side of the cast basket for better installation flexibility and the subs are optimized for both sealed or vented enclosures to produce accurate sound quality and massive SPL performance. So the end result is a smooth, effortless output even during massive excursion or extreme power.



	<i>ELITE 212d4</i>	<i>ELITE 212d2</i>
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	12.64" - 321mm	12.64" - 321mm
Peak to Peak Excursion	60mm	60mm

# Subwoofers



*Ti312d4 shown*



- 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 Castbasket

# Ti series

The Ti-series subwoofers have the perfect fusion of advanced acoustic design and state of the art technology: That's the new Ti3 Phoenix Gold subwoofers. Engineered with extreme precision high-temp 2.5" voice coils from Japan for increased power handling and reliability, a large double-stacked motor and radial venting for 30% better heat dissipation over previous models. The speaker terminals were relocated to one side of the cast basket for better installation flexibility and the subs are optimized for both sealed or vented enclosures to produce accurate sound quality and massive SPL performance.



	<i>Ti312d4</i>	<i>Ti312d2</i>	<i>Ti310d4</i>	<i>Ti310d2</i>
Size	12"	12"	10"	10"
Power Handling	600w RMS	600w RMS	600w RMS	600w RMS
Impedance	Dual 4 Ohms	Dual 2 Ohms	Dual 4 Ohms	Dual 2 Ohms
Frequency Response	20Hz to 300Hz	20Hz to 300Hz	20Hz to 300Hz	20Hz to 300Hz
Mounting Depth	6.88" - 175mm	6.88" - 175mm	6.22" - 158mm	6.22" - 158mm
Cut Out Diameter	10.86" - 276mm	10.86" - 276mm	9.25" - 235mm	9.25" - 235mm
Overall Diameter	12.63" - 321mm	12.63" - 321mm	10.66" - 271mm	10.66" - 271mm
Peak to Peak Excursion	40mm	40mm	40mm	40mm



*SX110d4 shown*



- 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 series

The SX-series subwoofers are a new standard in performance. Featuring an innovative design and technology they are available in both traditional (SX) and slim (SXt) solutions. These subwoofers are engineered tough to take a beating and perform without breaking the budget. Every model contains high temperature OFC copper voice coils, oversized motor structures and rugged woven tinsel leads for maximum reliability. While the CAE/CAD high excursion motor designs allow these woofers to move a lot of air. Regardless of application the SX-series subwoofers can accurately deliver the subtle details of your music or pound out gut wrenching, hard hitting bass.



	SX112d4	SX112d2	SX110d4	SX110d2	SX18s4
Size	12"	12"	10"	10"	8"
Power Handling	400w RMS	400w RMS	400w RMS	400w RMS	200w RMS
Impedance	Dual 4 Ohms	Dual 2 Ohms	Dual 4 Ohms	Dual 2 Ohms	Single 4 Ohms
Frequency Response	20Hz to 300Hz	20Hz to 300Hz	20Hz to 300Hz	20Hz to 300Hz	30Hz to 300Hz
Mounting Depth	6.375" - 160mm	6.375" - 160mm	5.875" - 148mm	5.875" - 148mm	4.375" - 110mm
Cut Out Diameter	11.25" - 285mm	11.25" - 285mm	9 1/4" - 235mm	9 1/4" - 235mm	7.25" - 185mm
Overall Diameter	12.5" - 318mm	12.5" - 318mm	10.375" - 263mm	10.375" - 263mm	8.86" - 220mm
Peak to Peak Excursion	35mm	35mm	35mm	35mm	30mm



*SXt12d4 shown*



- High Excursion Performance with Slim Mounting Depths
- 25mm of Peak to Peak Excursion
- Optimized for Small Sealed Enclosures
- High Temperature 2.0 inch OFC Copper Voice Coils
- High Excursion CAE/CAD Motor Design
- Die Cast Aluminum Spider Spacer Heat Sink

- Reinforced Vacuum Form Cone Assembly
- One Piece Polypropylene Plated Dustcap
- Woven Tinsel Leads
- Nickel Plated 12 Gauge Speaker Terminal
- Powder Coated Anti-Resonant Steel Basket
- Removable Gasket for Adding G110/G112 Grill

# SX series

The SXt slim mount subwoofers deliver deep, accurate bass in small enclosures. Perfect for installations where space is limited. Emphasizing reliability and style, these subwoofers are ideal for nearly any system or budget. These subwoofers are engineered tough to take a beating and perform without breaking the budget. Every model contains high temperature OFC copper voice coils, oversized motor structures and rugged woven tinsel leads for maximum reliability.



	<i>SXt12d4</i>	<i>SXt12d2</i>	<i>SXt10d4</i>	<i>SXt10d2</i>
Size	12"	12"	10"	10"
Mounting Depth	4.1"	4.1"	3.7"	3.7"
Power Handling	300w RMS	300w RMS	300w RMS	300w RMS
Impedance	Dual 4 Ohms	Dual 2 Ohms	Dual 4 Ohms	Dual 2 Ohms
Frequency Response	20Hz to 300Hz	20Hz to 300Hz	20Hz to 300Hz	20Hz to 300Hz
Mounting Depth	4.25" - 108mm	4.25" - 108mm	3.6" - 92mm	3.6" - 92mm
Cut Out Diameter	11" - 280mm	11" - 280mm	9" - 230mm	9" - 230mm
Overall Diameter	12.5" - 318mm	12.5" - 318mm	10.375" - 263mm	10.375" - 263mm
Peak to Peak Excursion	25mm	25mm	25mm	25mm



*RX112d shown*



- High Excursion CAE/CAD Motor Design
- 25mm of Peak to Peak Excursion
- High Temperature 2.0" OFC Copper Voice Coils
- Optimized for Sealed or Vented Enclosures
- Vented Kapton Former
- High Roll Butyl Rubber Surround

- One Piece Polypropylene Plated Dustcap
- Nickel Plated 12 Gauge Speaker Terminal
- Single and Dual 4 Ohms Voice Coil Models
- Powder Coated Anti-Resonant Steel Basket
- Removable Gasket for Adding G110/G112 Grill

# RX series

RX-series subwoofers are built to move a lot of air without breaking the bank. Where most entry line woofers feature 1.5" voice coils, RX subwoofers feature long wound 2.0" coils which allows for 25mm of peak to peak excursion. The results is deep, accurate bass in vented or sealed enclosures. They are conservatively rated at 200w RMS and available in single and dual 4 Ohm configurations.



	<i>RX112d</i>	<i>RX112</i>	<i>RX110d</i>	<i>RX110</i>
Size	12"	12"	10"	10"
Power Handling	200w RMS	200w RMS	200w RMS	200w RMS
Impedance	Dual 4 Ohms	Single 4 Ohms	Dual 4 Ohms	Single 4 Ohms
Frequency Response	20Hz to 300Hz	20Hz to 300Hz	20Hz to 300Hz	20Hz to 300Hz
Mounting Depth	5.75" - 145mm	5.75" - 145mm	5.25" - 133mm	5.25" - 133mm
Cut Out Diameter	11.125" - 282mm	11.125" - 282mm	9.25" - 235mm	9.25" - 235mm
Overall Diameter	12.5" - 318mm	12.5" - 318mm	10.375" - 263mm	10.375" - 263mm
Peak to Peak Excursion	25mm	25mm	25mm	25mm





# Speakers

Whether upgrading a stock system with RX coaxials or enjoying the highest levels of sound quality with the Elite component system, Phoenix Gold has a wide range of full range speakers solutions. Each speaker model is engineered with some of the finest materials available such as pure silk dome tweeters, dual roll surrounds, and CAE/CAD motor structures. The finest materials combined with countless hours of real world measuring, listening and voicing of each speaker model ensures all Phoenix Gold speaker systems deliver ultra dynamic and realistic performance.

# Speakers



*Elite.65cs shown*

**ELITE**  
series

- 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



# ELITE series

The Elite.65cs features a pure 25mm silk dome tweeter that resides in an anodized aluminum housing that has been CNC'd from a single block of raw aluminum. The tweeter and midrange has been specifically engineered with complex FEA analysis that perfectly optimizes the motor structures. The overall result is 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. The 6.5" midrange also features a dual roll surround that eliminates unwanted resonances, acoustical artifacts and dampens mechanical vibrations. The Elite speaker system provides breathtaking dynamic range and jaw dropping musical realism for true audiophiles.



	<i>Elite.65cs</i>	<i>Elite.cs1t</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	2.54" - 64.6mm	.81" - 20.6mm
Cut Out Diameter	5.73" - 145.5mm	1.84" - 47mm
Overall Diameter	6.53" - 166mm	2.14" - 54.4mm



*Ti265CS shown*



- 24dB External Audiophile Grade Crossover (Ti265CS)
- 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 (Ti265ps, Ti257ps, Ti269ps)
- Poly Treated Paper Cone
- Interwoven Tinsel Leads
- Powdercoated Anti-Resonant Steel Basket

# Ti series

The Ti-series speakers are available in 2 formats, component and point source. Both formats feature a 20mm pure silk dome tweeter. The component tweeter resides in an anodized aluminum housing that has been CNC'd from a single block of raw aluminum. This tweeter and midrange combination has been specifically engineered with complex FEA analysis that perfectly optimizes the motor structures. The component passive crossovers are computer modeled and then real world (in car tested and further tweaked) to provide a seamless transition from the midrange to the tweeter.

Ti2 Point Source speakers were engineered to improve the sound quality over any traditional coaxial speakers. The physics of these speakers eliminate time-shifted sound between the tweeter and woofer by radiating a single focal point of sound in a hemispherical pattern from multiple drivers at the same time. The point source speakers offer a smoother, more linear response, which is better for extreme off axis mounting in factory locations. The result – beautiful crystal clear, direct sound with no frequency coloration or confusion.



	<i>Ti265cs</i>	<i>Ti269ps</i>	<i>Ti257ps</i>	<i>Ti265ps</i>
Size	6.5"	6" x 9"	5" x 7"	6.5"
Power Handling	125w RMS - 250w PEAK	100w RMS - 200w PEAK	100w RMS - 200w PEAK	100w RMS - 200w PEAK
Impedance	4 Ohms	4 Ohms	4 Ohms	4 Ohms
Frequency Response	50Hz to 20kHz	50Hz to 20kHz	50Hz to 20kHz	50Hz to 20kHz
Mounting Depth	2.46" - 62.5mm	3.1" - 78mm	2.4" - 59mm	2.55" - 65mm
Cut Out Diameter	5.57" - 141.5mm	6" x 8.7" - 151mm x 221mm	5" x 7.2" - 127mm x 182mm	5.7" - 145mm



*SX65cs shown*



- 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
- Powdercoated Anti-Resonant Steel Basket
- Interwoven Tinsel Leads
- Butyl Rubber Surround
- High Temperature CAE/CAD Motor Structure
- Optimized Magnet/Motor Structure

# SX series

SX-series component and coaxials represent a standard for performance in quality car audio systems. They were designed to perfectly match the SX-series of amplifiers and subwoofers. This series of speakers were manufactured using state of the art acoustic engineering and are built using high grade quality materials and components. The aluminum plated grained polypropylene cone, coupled with the soft dome tweeter, reproduces a high performance sound that is very natural.



	SX65cs	SX5cs	SX69cx	SX65cx	SX57cx	SX6cx	SX5cx
Size	6.5"	5.25"	6" x 9"	6.5"	5" x 7"	6"	5.25"
Power Handling	125w RMS - 250w PEAK	125w RMS - 250w PEAK	90w RMS - 180w PEAK	75w RMS - 150w PEAK	75w RMS - 150w PEAK	75w RMS - 150w PEAK	60w RMS - 120w PEAK
Impedance	4 Ohms	4 Ohms	4 Ohms	4 Ohms	4 Ohms	4 Ohms	4 Ohms
Frequency Response	60Hz to 20kHz	60Hz to 20kHz	50Hz to 20kHz	60Hz to 20kHz	60Hz to 20kHz	60Hz to 20kHz	70Hz to 20kHz
Mounting Depth	2.9" - 73mm	2.4" - 61mm	3.3" - 83mm	2.9" - 73mm	2.6" - 65mm	2.6" - 65mm	2.4" - 61mm
Cut Out Diameter	5.6" - 145mm	4.5" - 118mm	8.6" x 6.1" - 154mm x 222mm	5.6" - 145mm	7.2" x 5" - 129mm x 183mm	4.9" - 131mm	4.5" - 118mm



*RX65cs shown*



- 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 series

The RX-series component and coaxials utilizes a high performance mid-bass driver that are acoustically matched to a quality Mylar dome tweeter a via passive crossover, these components sets are made to excel. The RX-series were designed using state of the art acoustic engineering and built using the highest grade components available for lasting quality and performance.



	<i>RX65cs</i>	<i>RX69cx</i>	<i>RX5cx</i>	<i>RX65cx</i>	<i>RX46cx</i>	<i>RX57cx</i>	<i>RX4cx</i>
Size	6.5"	6" x 9"	5.25"	6.5"	4" x 6"	5" X 7"	4"
Power Handling	125w RMS - 250w PEAK	60w RMS - 120w PEAK	40w RMS - 80w PEAK	50w RMS - 100w PEAK	40w RMS - 80w PEAK	50w RMS - 100w PEAK	40w RMS - 80w PEAK
Impedance	4 Ohms	4 Ohms	4 Ohms	4 Ohms	4 Ohms	4 Ohms	4 Ohms
Frequency Response	60Hz to 20kHz	70Hz to 20kHz	70Hz to 20kHz	70Hz to 20kHz	70Hz to 20kHz	70Hz to 20kHz	70Hz to 20kHz
Mounting Depth	2.5" - 64mm	3" - 76mm	2.2" - 55mm	2.5" - 64mm	2.1" - 51.5mm	2.8" - 71mm	2" - 50mm
Cut Out Diameter	5.7" - 144mm	8.7" x 6.1" - 221mm x 154mm	4.75" - 120mm	5.7" - 144mm	5.6" x 3.5" - 143mm x 88mm	7.4" x 5.2"-188mm x 131mm	3.7" - 93mm



*iAMP-GM1 shown*

- All-in-one, 800 watt 6 channel complete high-power car audio upgrade solution
- First fully integrated aftermarket audio amplifier with full data-bus awareness & integration
- Easy Plug and Play OEM installation with provided signal and power wiring harnesses
- Fully retains all OEM functions such as steering wheel controls, Head unit, Onstar, Bluetooth
- Internal DSP System for proper signal integration, crossover, time alignment and equalization
- Touch Panel DSP remote control allows adjustment of sub-level, DSP presets, settings, etc.
- 14 Band Digital EQ / 5 adjustable listening positions (in PC app)
- Subwoofer Pre-Amp Output for easy addition of an even larger subwoofer amplifier
- Remote turn-on output for triggering additional aftermarket amplifiers
- Created in collaboration with Pacific Accessory Corporation (PAC) OEM integration experts
- Subwoofer enclosure is designed to use minimal space and match the look of the trunk
- One hour installation with quick plug and play harness



The Integrated series is the first aftermarket mobile amplifier with full databus awareness and integration. This means it can replace the factory amplifier in a nearly plug n' play installation. Installing an amplifier into a newer car can be a painful experience of splicing into a maze of wires or using buggy black boxes that will disable many key OEM features and functions of the vehicle. Installing an Integrated series amplifier is easy, simply remove the stock amplifier, and then plug in the Integrated series amplifier using the provided wiring harnesses. There are no wires to cut, no fishing for obscure wires and no additional band aids to wire up. The amplifier fully retains all the OEM functions such as steering wheel controls, head unit functionality, Bluetooth, OnStar®, chime function, etc. This makes for a predictable and painless installation that is completely reversible when the lease is up or the vehicle is sold (Camaro 10-14).



		<i>iAMP-GM1*</i>	<i>iAMP-GM1C**</i>
Number of Channels	$\Omega$	-	-
	$1\Omega$	-	-
	$2\Omega$	-	-
	$4\Omega$	60 x 4 + 25 x 1 + 320 x 1	60 x 4 + 25 x 1 + 320 x 1
Sub Low Pass		30Hz x 300Hz	30Hz x 300Hz
Sub Variable		-	-
Front High Pass		40Hz x 400Hz	40Hz x 400Hz
Rear High Pass		-	-
Front Low Pass		-	-
Rear Low Pass		-	-
Bass Boost		0 to +18dB	0 to +18dB
Frequency Response		20Hz to 20kHz (+/- 1dB)	-
Signal to Noise Ratio		Greater than 110dB	-
Efficiency		50%	-
Damping Factor		Greater than 200	-
Heatsink Thermal Mass		9.5 grams per mm	-
Power Terminal		4GA	-
Dimensions		18.7" L x 6.7" W x 11.0" H	-
<i>*iAMP-GM1 - Hard top only</i>			
<i>**iAMP-GM1C - Convertible solution, does not include subwoofer or enclosure.</i>			



	BASSCASE8
Size	8"
Power Handling	200w RMS
Impedance	Single 4 Ohms
Frequency Response	20Hz to 300Hz
Dimensions	18.7" L x 6.7" W x 11.0" H

*BASSCASE8 shown*

BASSECASE8 is the perfect solution for the customer looking to add more bass to his/her system without taking up valuable space. Don't be fooled by its small size, this long throw 8 inch woofer working in unison with the vented enclosure can really move some air. The vented enclosure has been carefully engineered and tuned deliver maximum performance.

- 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



RMD	RBCF	G110 / G112
<p>Remote Mountable Amplifier Voltage Display</p> <ul style="list-style-type: none"> <li>• Compact size for easy installation</li> <li>• Backlit blue display for excellent day and night time viewing</li> <li>• Plugs into the RMD port on RX, SX, Ti and Elite</li> <li>• Includes all mounting hardware and cable</li> </ul>	<p>Remote Bass Level Control</p> <ul style="list-style-type: none"> <li>• Allows 20dB of subwoofer level adjustment</li> <li>• No housing, simple flush mountable knob</li> <li>• Cable and mounting hardware included</li> <li>• For use with RX, SX, PSX and Ti2 amplifiers</li> </ul>	<p>10"/"12" Subwoofer Grill</p> <ul style="list-style-type: none"> <li>• Powder coated protective metal grill</li> <li>• Stealth mounting design hides mounting screws</li> <li>• Rubber mounting gasket eliminates vibrations or air leaks</li> <li>• Fits current 10"/"12" models: RX, SX, SxT,</li> <li>• Fits older 10"/"12" models: R1, R2, R3, SL</li> <li>*(Does not Fit any Ti or Elite models)</li> </ul>



PGDECAL_	PGBANNER_ / PGPOSTER	PGSHIRT_ / PGHAT_
Phoenix Gold Black Gold Decal	Phoenix Gold Banner	Phoenix Gold Black Tee
PGDECAL1: 6" x 1"	PGDBANNER12: 18" x 24"	PGSHIRTL: Large
PGDECL12W: 9.75" x 1.75"	PGBANNER12: 3' x 5'	PGSHIRTXL: Extra Large
PGDECAL2: 36" x 4"		PGSHIRTXXL: Double Extra Large
PGDECL12B: 9.75" x 1.75"	Phoenix Gold Poster	
PGDECAL3W: 4" x 1"	24" x 36"	Phoenix Gold Black Hat
PGDECAL4B: 4" x 1"		PGHATBSM: Small / Medium
		PGHATBLXL: Large / Extra Large

PhoenixGold.com

A Division of AAMP of America™

Clearwater, FL 33760

Sales: 800-477-2267 • Tech Support: 866-788-4237

© 2015 AAMP of Florida, Inc.

SPECIFICATIONS SUBJECT TO CHANGE