

2010 MOBILE AUDIO CATALOG

powerbass
XTREME



COAXIALS

COMPONENTS

SUBWOOFERS

AMPLIFIERS

CAPACITORS

PROCESSORS

WIRING KITS

powerbass.com

powerbass®
XTREME



THE POWERBASS XTREME EXPERIENCE

Like our namesake, we engineer our entire product line for Extreme enthusiasts and audio professionals alike.

At PowerBass we eat, breathe and live by the design and engineering of our products. Having a complete staff of electrical, acoustical and mechanical engineers gives us the capability to design

and build the most extreme audio products that are limited only to the imagination.

By controlling design and manufacturing, hand picking components, and thinking outside of the box, PowerBass is able to produce car audio products that push the envelope without breaking the bank. To prove it, we offer a 3-year Xtended

Warranty* on all of our PowerBass Xtreme speakers!

At PowerBass, we don't want you to just listen to your music; we want your music to be part of the experience, the PowerBass Xtreme Experience.



3 YEAR
XTENDED WARRANTY*

*Ask your Authorized Powerbass Dealer for Xtended Warranty details.



We'd like to thank Team PowerBass members

Wyatt & Joanie Wolfe ("Seoul Taker" Hyundai Tiburon)
Adam Nitte ("Big Red" Ford F250)
Jon Nyberg (Chrysler 300C)

for their contributions, dedication and hard work
put into their kick-ass cars featuring PowerBass.

Their rides are featured in both our 2010 Autosound
and Xtreme Catalogs.

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3XL SUBWOOFER

3XL SUBWOOFERS

Non-pressed Raw Pulp Cone reduces standing long waves

Custom CNC Cut, Cast Aluminum Basket provides the best woofer foundation available to handle the stress of high energy SPL

Dual 1-ohm Voice Coils made with pure EIW wire and looped through the spider

3" Vented HD BASV Voice Coil Formers for optimal performance and power handling

U-Turn High Roll Treated Foam Surround increases cone area for higher output along with linear cone stability throughout the subwoofers 3 inches of linear travel

XTRA XTRA XTRA Large Motor Structure dual stack magnets for increased SPL and power handling

Pro-lock Input Terminals to ensure maximum current transfer from the amplifier to the woofer

CNC Billet Aluminum Trim Ring clamps surround to basket for increased durability

Optimally Designed for Ported Enclosures to ensure maximum power handling with the loudest output possible

The 3XL range of subwoofers is innovative in that it is designed to work with the new generation Class "D" amplifiers. Class "D" amplifiers heat up the woofers voice coil two to three times hotter and faster than a conventional class A/B amplifier. This calls for Xtreme measures and special parts to classify these as a true "Class D Subwoofer." But hey, this is PowerBass. We have it under control.

First, we use industrial assembly glues that handle this excessive heat that would normally tear a conventional speaker apart. Then there is perimeter venting to allow air movement over the voice coil built into our custom CNC cut, cast aluminum basket. The basket works as a strong foundation for our new heavy duty non-pressed raw pulp cone and redesigned inverted X dustcap. The roughness of the cone breaks up standing long waves for an even louder output resulting in greater SPL.

The 3XL woofers all feature 3" HD BASV voice coil formers that are anodized black to help dissipate heat. To allow full movement of the cone, we utilize an ultra high roll (U-turn) treated foam surround that increases the cone area for higher output along with linear cone stability throughout the subwoofers 3" of linear travel.

To make sure high voltages from the amplifier reach the speaker, we designed Pro-Lock terminals and Xtra Large

domed motor assembly with dual stacked magnets to handle the high power these speakers are designed for.

3XL woofers are available in 10", 12", and 15" sizes. Each feature dual 1-ohm voice coils and are designed to work best in ported enclosures for maximum SPL output.

	size	power handling (rms/peak)	nominal impedance	voice coil size	frequency response	sensitivity (1w / 1m)	motor structure	mounting depth
3XL-151D	15"	1000 / 2000 watts	Dual 1-ohm	3"	24Hz-400Hz	93 dB	562 oz	9.2"
3XL-121D	12"	850 / 1700watts	Dual 1-ohm	3"	31Hz-450Hz	91 dB	552 oz	7.75"
3XL-101D	10"	750 / 1500watts	Dual 1-ohm	3"	39Hz-500Hz	89 dB	453 oz	6.0"

CLASS D SUBWOOFER



DESIGNED FOR
PORTED ENCLOSURES
FOR MAXIMUM SPL OUTPUT
CLASS D SUBWOOFER

2XL

SUBWOOFERS

The 2XL woofer line is designed for the audiophile looking for a subwoofer that works in a small sealed enclosure and demands tight accurate bass reproduction.

This woofer receives the full treatment, including perimeter venting built into the custom CNC cast aluminum basket. A proprietary COC/graphite cone that is injected with nitrogen bubbles to give a very rigid platform for the subwoofer to work in small

sealed enclosures with very high power handling capabilities.

Our U-turn high roll Santoprene surround increases the cone area and handles the moving mass of the cone and 2.5" KSV voice coil.

Xtra xtra large chrome dome motor structures for high power handling and Pro-lock terminals insure optimal current transfer from the amplifier to the woofer for the loudest SPL possible.

2XL SUBWOOFERS

Proprietary COC/Graphite Cone

our unique poly/graphite cone injected with nitrogen gas to allow exceptional cone stability in a small sealed enclosure without deforming under high power, high stress applications

Custom CNC Cut, Cast Aluminum Basket

provides the best woofer foundation available to handle the stress of high energy SPL

Dual 4-ohm Voice Coils

made with pure EIW wire for the most popular bass applications and high energy transfer

2.5" Vented BASV Voice Coil Formers

for optimal performance and power handling

U-Turn High Roll Treated Foam Surround

increases cone area for higher output along with linear cone stability throughout the subwoofers 3 inches of linear travel

XTRA XTRA Large Motor Structures

with Dual Stacked Magnets for increased SPL and power handling

Pro-lock Input Terminals

to ensure maximum current transfer from the amplifier to the woofer

CNC Billet Aluminum Trim Ring clamps surround to basket for increased durability

Optimally Designed for Small Sealed Enclosures

for unsurpassed bass and high SPL applications



DESIGNED FOR
SEALED ENCLOSURES
FOR MAXIMUM SPL OUTPUT

	size	power handling (rms/peak)	nominal impedance	voice coil size	frequency response	sensitivity (1w / 1m)	motor structure	mounting depth
2XL-154D	15"	500 / 1000 watts	Dual 4-ohm	2.5"	23Hz-400Hz	93 dB	312 oz	8.6"
2XL-124D	12"	450 / 900 watts	Dual 4-ohm	2.5"	26Hz-450Hz	92 dB	280 oz	6.75"
2XL-104D	10"	400 / 800 watts	Dual 4-ohm	2.5"	31Hz-500Hz	91 dB	264 oz	6.5"

Available in 10", 12", and 15" sizes with dual 4-ohm voice coils for multiple system applications.



XL

SUBWOOFERS

XL SUBWOOFERS

Proprietary 4-layer, Non-pressed Paper, DDC Finish Cone Dynamic Damping Coating (DDC)
for deeper, distortion free bass

Proprietary Composite Polycarbonate/Glass Fiber Basket
turbine design provides a rigid and stable woofer platform

Dual 4-ohm Voice Coils
made with pure EIW wire for the most popular bass applications and high energy transfer (The 8" XL-84 is single OHM)

2 and 2.5" Vented BASV Voice Coil Formers
for optimal performance and power handling

High Roll Santoprene Surround
increases cone area and excursion with exceptional linear stability

XTRA Large Motor Structures
with Dual Stacked Magnets for increased SPL and power handling

Chrome Push Terminals
to guarantee optimal power transfer to your woofer from your amplifier

Optimally Designed for Both Sealed or Ported Enclosures
for multiple sonic and installation applications



PowerBass XL subwoofers were designed to be bulletproof-reliable with all of the features of the rest of the Xtreme range, but in a more affordable package. Boasting a custom turbine style frame constructed of polycarbonate and glass fiber,

this unique basket supports dual stack magnets and a chrome dome backplate. Utilizing a combination of perimeter and pole venting keeps air circulating over the voice coil so everything stays cool.

A paper cone was selected for its natural smooth bass reproduction and its ability to provide high output with low distortion even under the stress of high SPL.

Finally, to make sure the power gets to the subwoofer, we use chrome push terminals for maximum current transfer.

The XL subwoofers are designed to offer amazingly low bass in small sealed enclosures or ported enclosures and are available in 10", 12", 15" to include dual 4-ohm voice coils for multiple system applications.



	size	power handling (rms/peak)	nominal impedance	voice coil size	frequency response	sensitivity (1w / 1m)	motor structure	mounting depth	
	XL-154D	15"	500 / 1000 watts	Dual 4-ohm	2.5"	26Hz-400Hz	94 dB	250 oz	6.6"
	XL-124D	12"	400 / 800 watts	Dual 4-ohm	2"	26Hz-450Hz	92 dB	186 oz	5.5"
	XL-104D	10"	350 / 700 watts	Dual 4-ohm	2"	35Hz-500Hz	91 dB	164 oz	5.25"
	XL-84	8"	200 / 400 watts	Single 4-ohm	1.5"	36Hz-500Hz	89 dB	116 oz	4.4"

full-range class A/B amplifiers:

2-ohm Stereo/4-ohm Mono Stable for multiple connection versatility

Low Profile, High Density Heatsink Design that incorporates efficient heat dissipation and bullet proof reliability along with easier installation in smaller spaces

PWM MOSFET Power Supply PWM (Pulse Width Modulated) switching Power Supply combined with MOSFET transistors for the most accurate, efficient and distortion free sound reproduction

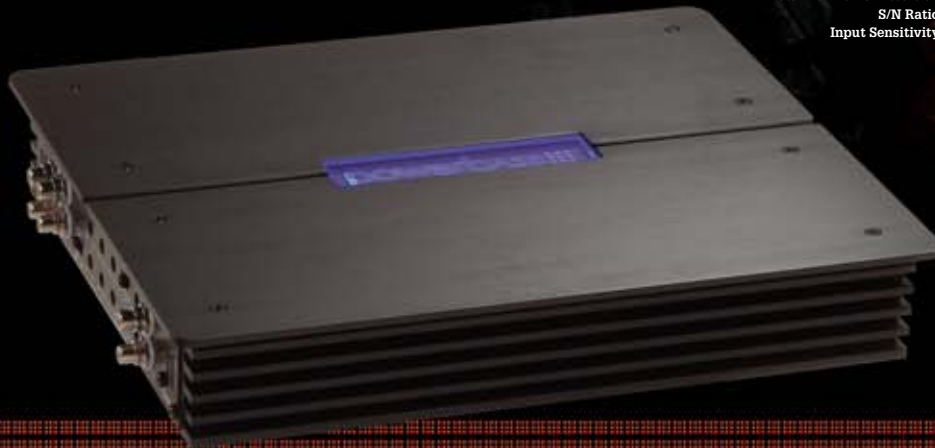
Variable Electronic High and Low Pass Crossovers that optimizes the frequencies to your speakers for ultra high quality sound reproduction

Variable Electronic Bass EQ to get the most out of your subwoofers

Multi-Link Circuitry enables multiple amplifiers to run from a single low-level input

Self-Diagnostic Protection Circuitry protects your amplifier against Short Circuit, Thermal Overload, Impedance Overload and DC Output distortion threshold

	XTA 2160	XTA 2240	XTA 4140
Channels	2	2	4
Output Power (14.4V 4 ohms Stereo)	2 x 100 watts	2 x 130 watts	4 x 75 watts
Output Power (14.4V 2 ohms Stereo)	2 x 160 watts	2 x 240 watts	4 x 140 watts
Output Power (14.4V 4 ohms Bridged)	1 x 320 watts	1 x 480 watts	2 x 280 watts
Frequency Response	10Hz~30,000Hz	10Hz~30,000Hz	10Hz~30,000Hz
Total Harmonic Distortion	<0.02%	<0.02%	<0.02%
S/N Ratio	>95dB	>95dB	>95dB
Input Sensitivity	0.2V - 6.0V	0.2V - 6.0V	0.2V - 6.0V



A/B

A/B Class Amplifiers

Recently redesigned, these new PowerBass Xtreme XTA amplifiers were developed to work best with PowerBass speakers and woofers using the highest quality parts while at the same time providing incredible value.

The XTA amplifier starts with a low profile, high density aluminum heatsink with a massive top plate for maximum heat dissipation. All new 45° brass terminals were tooled for speaker and power to accept large gauge wire so these amplifiers can produce the maximum output to your speakers. Low level RCA inputs AND

outputs are on each model so you can send a full range signal on to additional amplifiers for a professional and efficient system design.

Inside the amplifiers, we use a PWM (Pulse Width Modulated) switching power supply and MOSFET transistors for increased output voltage. Using top quality components we can achieve more headroom, better transients and higher damping which all adds up to plenty of clean RMS power.

To make sure that the proper signal gets to your speakers, we have an adjustable 12 dB/octave high pass

crossover with a range 50-250Hz and a low pass crossover with a range of 40-400Hz all built-in. This electronic crossover allows for complete flexibility and makes multiple amplifier applications possible.

To get that low bass bump, we equip each XTA amplifier with a Bass EQ circuit offering up to 18dB of variable boost at 45Hz.

To top it all off we have added a stunning blue edge-lit PowerBass logo in the center of the amplifier that illuminates when the unit is turned on.

Over-built Power Supply

4-Way Protection Circuitry

Latest Class D Microprocessor Technology



XTA AMPLIFIERS

D

D class amplifiers:

1-ohm Stable Class D Circuitry to deliver the highest power to your subwoofers

Dual-link Circuitry enables 2 like amplifiers to be strapped for double the power to your subwoofers

Oversize Power, Ground and Speaker Terminals to ensure maximum current transfer to and from the amplifier

Variable Electronic Low Pass Crossover that optimizes the bass frequencies to deliver only the frequencies that are desired to your subwoofers

Variable Electronic Sub-Sonic Filter to cut the power robbing frequencies that cannot be reproduced or heard leaving all of the power for maximum SPL

Variable Electronic Bass EQ allows you to customize the bass to your vehicle

Self-Diagnostic Protection Circuitry protects your amplifier against Short Circuit, Thermal Overload, Impedance Overload and DC Output distortion threshold

Variable Remote Gain Control that allows you the audio pilot to add all the bass they want by the twist of a knob on the dash

D Class Amplifiers

Our D Class range of XTA amplifiers have been designed to provide enough sheer raw power to run your woofers at full tilt no matter what kind of music you listen to. By using oversized high density aluminum heatsinks we have eliminated the need for internal cooling fans which can introduce unwanted noise. To prove our point the flagship XTA-5000D weighs in at nearly 37lbs while producing an incredible 5,000 watts—take two and strap them together for a staggering 10,000 watts of heart pounding bass!

But we didn't stop with just pure power, these amplifiers are chock full of built-in features like an electronic 12dB/octave low pass crossover, 18dB variable sub sonic filter, and an Bass EQ circuit (complete with wired remote control) that lets you vary the boost 18dB at 45Hz.

Inside you will find a neatly laid out double sided epoxy pc board with minimum tolerance components, beefy hand wound coils, and fast switching transistors. The XTA line up is the real deal. A blue edge-lit PowerBass logo centered against the black satin finish completes the package. A thing of beauty, these amplifiers need to be heard and seen to be truly appreciated.

	XTA 1000D	XTA 1500D	XTA 2250D	XTA 4000D	XTA 5000D
Channels (mono)	1	1	1	1	1
Output Power (14.4V) @ 1ohm	1000 watts	1500 watts	2250 watts	4000 watts	5000 watts
Output Power (14.4V) @ 2 ohm	725 watts	850 watts	1125 watts	2000 watts	2500 watts
Output Power (14.4V) @ 4 ohm	425 watts	450 watts	565 watts	1000 watts	1250 watts
Strapped Output Power @ 2 ohms	2000 watts	3000 watts	4500 watts	8000 watts	10,000 watts
Frequency Response	18Hz~250Hz	18Hz~250Hz	18Hz~250Hz	18Hz~250Hz	18Hz~250Hz
Total Harmonic Distortion	<0.1%	<0.1%	<0.1%	<0.1%	<0.1%
S/N Ratio	>94dB	>94dB	>94dB	>94dB	>94dB
Input Sensitivity	0.2V - 6.0V	0.2V - 6.0V	0.2V - 6.0V	0.2V - 6.0V	0.2V - 6.0V

Introducing the **XAX Mini Amplifier** for 2010

XAX

MINI AMPLIFIERS

FULL RANGE FEATURES

FRD Full Range Class-D Design

this latest Class D technology delivers a very efficient and detailed sonic clarity

High Damping Control Circuit

provides accurate and tight bass with plenty of head room that gives the fine details in the music you listen to

High Efficiency SMD Circuit Technology

simply put, small package with a big sound

Temperature Controlled Output Current Limiting Protection

ensures amplifier longevity and "always on" sound output

Ultra Low Current Draw With More Than A 85% Efficiency Rating

means less heat and more power in a small footprint amplifier

Blue LED Logo, Power And Speaker Terminal Lighting

adds that custom touch to your install

MONO BLOCK FEATURES

High Damping Control Circuit

provides accurate and tight bass with plenty of head room that gives the fine details in the music you listen to

High Efficiency SMD Circuit Technology

simply put, Small package with a Big sound

Ultra Low Current Draw With More Than A 85% Efficiency Rating

means less heat and more power in a small footprint amplifier

Dual Link Circuitry

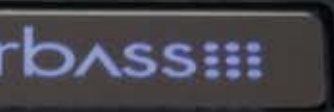
enables 2 like amplifiers to be strapped for double the power to your subwoofers

Blue LED Logo, Power And Speaker Terminal Lighting

adds that custom touch to your install

Variable Remote Gain Control

that allows you the audio pilot to add all the bass they want by the twist of a knob on the dash



◀ Photo of XAX 4160 actual size



▲ *Size of XAX 4160 compared to XTA 4140 (drawn to scale)

	5-Channel	4-Channel	2-Channel	Class D Bass	
	XAX 5640FD	XAX 4160FD	XAX 2160FD	XAX 1200D	XAX 500D
4-ohm Power	100 watts x 4 + 200 watts x 1	100 watts x 4	100 watts x 2	400 watts x 1	250 watts x 1
2-ohm Power	160 watts x 4 + 320 watts x 1	160 watts x 4	160 watts x 2	700 watts x 1	400 watts x 1
4-ohm Mono Power	320 watts x 2 + 320 watts x 1	320 watts x 2	320 watts x 1	2200 watts x 1	1500 watts x 1
Peak Power	1920 watts	1280 watts	640 watts	1200 watts	600 watts
Total Harmonic Distortion	<0.02%	<0.02%	<0.02%	<1.0%	<1.0%
Frequency Response	20Hz~30,000Hz	20Hz~30,000Hz	20Hz~30,000Hz	10Hz~250Hz	10Hz~250Hz
S/N Ratio	>90dB	>90dB	>90dB	>80dB	>80dB
Damping Factor	>200	>200	>200	>200	>200
Input Sensitivity	0.5 - 6.0 volts	0.5 - 6.0 volts	0.5 - 6.0 volts	0.5 - 6.0 volts	0.5 - 6.0 volts
Crossover Slope	12dB	12dB	12dB	12dB	12dB
High-Pass Crossover Freq (Hz)	80Hz~350Hz	80Hz~350Hz	80Hz~350Hz	25Hz~250Hz	25Hz~250Hz
Low-Pass Crossover Freq (Hz)	25Hz~250Hz	25Hz~250Hz	25Hz~250Hz	15Hz~50Hz	15Hz~50Hz
Variable Subwoofer EQ	0-18dB	0-18dB	0-18dB	0-18dB	0-18dB
Subwoofer EQ Frequency	45Hz	45Hz	45Hz	45Hz	45Hz

3XL COAXIALS

Pivot Point 1" Titanium Dome Swivel Tweeter
for the ultimate in clarity and high frequency reproduction

Hybrid Kevlar® /Glass Fiber Cone
provides better transient response

(DGT) Dual Gap Technology
for virtually distortion free sound reproduction

Neodymium Magnet Structure
for accurate and quick response

Enhanced Internal 12dB Crossover
audiophile quality components for smooth frequency transition

3-ohm System Impedance
for more efficient use of amplifier power

Rigid Tooled Basket with Stainless Steel Finish
for precise motor alignment

PBX Custom Grill
insures your speaker looks and sounds its best



3XL-6902



3XL-6802



3XL-6502



3XL-5202

3XL

COAXIAL SPEAKERS

Now armed with Titanium alloy tweeters, Dual Gap technology, Neodymium magnets, proprietary heat sink motor assembly and 50% larger voice coils, our new 3XL Series of coaxial speakers are ready to go toe to toe with the best of the best.

One of the ways to sound the best is to use the highest quality cone materials available. The highs are handled by an improved lower profile, pivoting tweeter now

constructed from a titanium alloy for the ultimate in detailed fidelity. Our Hybrid Kevlar®/Glass Fiber midrange cones are lighter and efficient, yet still capable of giving you accurate sound reproduction while offering even tighter, controlled mid-bass.

To insure a seamless transition between the highs and lows, each speaker is outfitted with its own internal audiophile grade 12dB crossover circuitry combined with

chrome plated push terminals for easy connection and exceptional sound.

Other features include our innovative 3-0 impedance system, Butyl rubber surrounds, stamped steel baskets with a stainless steel finish, custom finned heat sink and custom grills.

	Size	Power Handling (RMS/Peak)	Nominal Impedance	Frequency Response	Sensitivity (1W / 1M)	Mounting Depth
3XL-6902	6x9"	130 / 260 watts	3-ohm	40Hz-22kHz	93 dB	3.6"
3XL-6802	6x8"	100 / 300 watts	3-ohm	52Hz-22kHz	92 dB	3.0"
3XL-6502	6.5"	90 / 180 watts	3-ohm	60Hz-22kHz	90 dB	2.9"
3XL-5202	5.25"	80 / 160 watts	3-ohm	64Hz-22kHz	90 dB	2.6"

	Size	Power Handling (RMS/Peak)	Nominal Impedance	Frequency Response	Sensitivity (1W / 1M)	Magnet Size	Mounting Depth	
	2XL-6902	6x9"	100 / 200 watts	3-ohm	40Hz-21kHz	92 dB	30 oz	3.3"
	2XL-6802	6x8"	75 / 150 watts	3-ohm	53Hz-21kHz	91 dB	14 oz	2.4"
	2XL-6705	6.75"	75 / 150 watts	3-ohm	60Hz-21kHz	89 dB	12 oz	2.15"
	2XL-6502	6.5"	75 / 150 watts	3-ohm	59Hz-21kHz	90 dB	14 oz	2.4"
	2XL-650T	6.5" thin	60 / 120 watts	3-ohm	60Hz-21kHz	89 dB	12 oz	2.15"
	2XL-5202	5.25"	60 / 120 watts	3-ohm	62Hz-20kHz	89 dB	12 oz	2.2"
	2XL-4602	4x6"	50 / 100 watts	3-ohm	68Hz-20kHz	88 dB	10 oz	1.95"
	2XL-4002	4"	50 / 100 watts	3-ohm	68Hz-20kHz	88 dB	10 oz	2.1"

2XL

COAXIAL SPEAKERS

Crystal clear sound quality with warm tones is what we demanded from our latest 2XL range of coaxial speakers and they will not disappoint! If you need a high quality speaker yet have a vehicle with special mounting requirements, this is the series for you. Whether you need a 4" or a 6x8" coaxial, we can fit most needs. We even offer a 6.5" thin mount speaker where you want all the bass but not much space.

The 2XL series also uses the 3-0 system, 3-ohm impedance for more efficient use of your amplifier power. With Butyl rubber surrounds, you get high efficiency and lower bass response with lower distortion. Our new lower profile pivoting silk dome tweeter and unique 50/50 wool blend midrange cone team up to give you warm accurate sound that you can listen to for hours without fatigue.



2XL-6502



2XL-6902



2XL-6802



2XL-6705



2XL-650T



2XL-5202



2XL-4602



2XL-4002

2XL COAXIALS

Pivot Point 1" Silk Dome Swivel Tweeter
for smoother, clearer sound

50/50 Wool Blend Cone
half paper, half wool delivers a more natural sound

Butyl Rubber Surround
provides years of accuracy and quality sound

Heavy Motor Structure
with protective boot for increased power handling

3-ohm System Impedance
for more efficient use of amplifier power

Rigid Tooled Basket with Stainless Steel Finish
for precise motor alignment

PBX Custom Grill
insures your speaker looks and sounds its best

COMPONENT SYSTEMS

3XL

COMPONENT SYSTEM

3XL CONVERTIBLE COMPONENTS

3XL-60C

DCT Motor Structure (Dual Gap Technology)
insures that the voice coil remains in the magnetic gap at all times and enhance linear cone travel with superior power handling

Pivot Point 1" Titanium Dome Tweeter with mounting kit delivers smooth and accurate treble reproduction that allows you to focus the sound where it is needed most

Convertible Tweeter Assembly
for co-axial or component style mounting

Kevlar/Glass Blend Cone
delivers the smoothest, most natural sound reproduction available

Cast Aluminum Basket
for lower resonance and reduced sound coloration

3-ohm System Impedance for more efficient use of amplifier power that give you cleaner and louder audio replication

Butyl Rubber Surround
provides linear cone movement that gives accurate sound replication

Neodymium Motor Structure with thermal guard heatsink for increased power handling and enhanced motor structure cooling

Computer Aided External 12dB 2-way Crossover Network
for smooth transitions between the woofer and tweeter

PRX Custom Grill
insures you speaker is protected and looks it's best



We gave our engineers the task of creating THE BEST sounding component speaker system and here is the result. Our latest 3XL Series component speakers deliver increased output without any measurable distortion thanks to our new Dual Gap technology. The spun aluminum phase plug can be removed and replaced by the tweeter assembly, thus creating the ultimate coaxial speaker—talk about flexibility!

The innovations don't stop there, our engineers came up with an improved Hybrid Kevlar®/Glass fiber cone material, lighter and more efficient then before while still tough enough to take on the rigors of the road. We

added a cast aluminum basket, neodymium magnet and a 1.5" voice coil to give you the ability to pound out more bass then ever before while looking sharp in the process!

	Size	Power Handling (RMS/Peak)	Nominal Impedance	Frequency Response	Sensitivity (1W / 1M)	Mounting Depth
3XL-60C	6.5"	90 / 180 watts	3-ohm	59Hz-22kHz	91 dB	3.2"
3XL-50C	5.25"	80 / 160 watts	3-ohm	63Hz-22kHz	91 dB	2.7"

2XL

COMPONENT SYSTEM

2XL CONVERTIBLE COMPONENTS

2XL-60C

Pivot Point 1" Silk Dome Tweeter with mounting kit delivers smooth and accurate treble reproduction that allows you to focus the sound where it is needed most

Convertible Tweeter Assembly for co-axial or component style mounting

50/50 Wool Blend Cone delivers the smoothest, most natural sound reproduction available

Rigid Tooled Basket with Stainless Steel Finish for a stable, high performance speaker foundation

3-Ohm System Impedance for more efficient use of amplifier power that gives you cleaner and louder audio replication

Butyl Rubber Surround provides linear cone movement that gives accurate sound replication

Heavy Motor Structure with protective boot for increased power handling

Computer Aided External 12dB 2-way Crossover Network for smooth transitions between the woofer and tweeter

PBX Custom Grill insures you speaker is protected and looks it's best

Component or conventional coax? Now you can decide! Our new 2XL Series can make the switch from a separate component system to 2-way coaxials in minutes! You can choose between a pivoting or eyeball mount 1-inch silk dome tweeter as well. The outboard 12dB 2-way crossover network will make sure these speakers sound

their best no matter how you decide to mount them. Our advanced 50/50 Wool cone is half wool and half paper to give you those warm vocal tones while still providing increased dynamics. A Butyl rubber surround is used to maximize performance while adding longevity to the speaker. Take your

listening to new limits with the 2XL Component convertibles.

2XL 3-WAY COMPONENT SYSTEM

Our 3-way component system from the 2XL series uses a completely new 2-inch silk dome midrange for the ultimate music listening experience. Like the 2-way version, this system uses the same 50/50 paper mids with aluminum phase plug and 1-inch titanium dome tweeters. Packaged with an outboard 3-way crossover

that offers selectable attenuation, PowerBass proves once again that you can expect the best without breaking the bank!

2XL-60.3C

	Size	Power Handling (RMS/Peak)	Nominal Impedance	Frequency Response	Sensitivity (1W / 1M)	Mounting Depth	
	2XL-60C	6.5"	90 / 180 watts	3-ohm	59Hz-20kHz	91 dB	2.4"
	2XL-50C	5.25"	70 / 140 watts	3-ohm	62Hz-20kHz	90 dB	2.2"
	2XL-60.3C	6.5"	120 / 240 watts	3-ohm	59Hz-20kHz	92 dB	2.4"





TWEETERS

Offered in two distinct models, these high definition tweeters are capable of producing exceptionally smooth and crisp highs.

PowerBass Xtreme tweeters use edge driven diaphragms with a large voice coil for high power handling and sensitivity. The 3XL-2S uses the finest hand treated silk available while the 2XL-1T incorporates an advanced anodized titanium dome.

3XL-2S

2XL-1T

3XL / 2XL TWEETERS

Pivoting Tweeters With Composite Surround
for outstanding imaging and high frequency reproduction

Compact Computer Optimized Acoustic Crossover Network
12dB/octave inline crossover

Flush, Angle And Surface Mount Kit
provides custom pinpoint imaging and installation versatility

	Material	Size	Power Handling (RMS/Peak)	Nominal Impedance	Frequency Response	Sensitivity (1W / 1M)	Mounting Depth
3XL-2S	Pure Silk	1.25"	60 / 120 watts	4-ohm	3k-20kHz	92 dB	1"
2XL-1T	Titanium	1"	50 / 100 watts	4-ohm	4.2k-25kHz	91 dB	0.75"

4XL COMPETITION

PowerBass is proud to introduce the latest engineering marvel to Competitors and Bass Fanatics worldwide, the 4XL Competition Woofers.

Engineering prowess is what put PowerBass on the map in the competition arena, the 4XL woofers are no exception. We have integrated only the best parts available along with cutting edge design factors and mixed them with our engineering team's vast

experience to come out with the loudest woofer available only for serious Bass Engineers.

Our patented motor structure is the core of this beasts' power along with one of the lightest and strongest cones on the market. The rest is classified information that we can not talk about.

The proof is in the bass, PowerBass.



4XL 15D COMPETITION SUBWOOFER

Custom Tooled Cast Aluminum Basket:

Computer aligned C-Beam design to support the high energy motor structure.

Proprietary Dual Layer Kevlar® Cone: Kevlar is one of the lightest and strongest materials available that ensure not only strength, but speed under high stress situations.

Dual 2-ohm Voice Coils: Strapping Two of our XTA Amplifiers together for each 2-ohm voice coil insures maximum voltage which equals maximum output.

4" Flat Wound CCAW Voice Coils: Large Flat wound voice coils are the best way to achieve maximum SPL and power handling.

4 Layer High Roll Double Stitched Foam Surround to handling the ultra high excursion.

Precision Twin Conex 10-inch Diameter Spiders to ensure maximum linear cone travel.

1,088 Ounce Proprietary Motor Structure:

Big SPL means using an Xtremely large motor to push the limits.

Designed To Work Optimally In A Ported Enclosure for maximum SPL output.



4XL-80-94
8" MID BASS
(4-OHM)

- 150 RMS/300 watts max.
- 35 oz. Ferrite Magnet
- 2.0" KSV Voice Coil
- 94 dB



4XL-65-92
6.5" MID RANGE DRIVER
(4-OHM)

- 100 RMS/200 watts max.
- 35 oz. Ferrite Magnet
- 2.0" KSV Voice Coil
- 92 dB

PROCESSORS

XEQ-5X0

4 BAND PARAMETRIC EQUALIZER / PRE-AMP



- Switchable Main/aux Input
- Front/rear/sub Output
- Variable Input Gains
- Variable Subwoofer Crossover
- Subwoofer Volume Control
- Master Volume Control
- Variable Fader Control
- 10 Volt Output

XEQ-23

2/3-WAY ACTIVE ELECTRONIC CROSSOVER

- Front and Rear x10 Frequency Multiplier Switches
- Tri-Mode Input (Front/Rear/Subwoofer)
- Remote Bass Boost
- Active Band Pass Switch
- Single Source Input Switch
- Variable 18dB Bass Boost Circuitry



XBA-2

BASS ACCELERATOR

- Parametric Bass Restorer
- Variable Phase Control
- Variable Frequency Control
- Variable "Q" Control
- Visual LED Level Indicators
- Frequency Response: 10Hz thru 100Hz
- Remote with Gain and Subsonic Controls



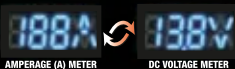
CAPACITORS

XCP-12, XCP-6

12 FARAD AND 6 FARAD HYBRID DIGITAL CAPACITORS

- Electrolytic & Carbon Based Technology
- Blue LED Voltage & Amperage Meters
- Powerline Blue LED Indicators
- Extruded Aluminum Case
- Platinum 1/0 Gauge Terminal Blocks

AMP/DC-V BLUE LED METER



XCP-1.2

1.2 FARAD DIGITAL CAPACITOR

ALTERNATING AMP/DC-V BLUE LED METER



- Blue LED Voltage/Amperage Meter
- Polycarbonate Display Cover
- Auto Turn On
- Platinum Power Connectors
- Voltage Monitoring Alarm
- 24 VDC
- Attractive Blister Card

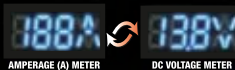


WIRING KITS

XTK-48D

DUAL AMPLIFIER WIRING KIT W/ DIGITAL DISTRIBUTION BLOCK

ALTERNATING AMP/DC-V BLUE LED METER



- 16' High Quality Twisted Pair RCA Cables
- 4 GA 16' OFC Power and 3' OFC Ground Wire
- 8 GA 6' OFC Power and 6' OFC Ground Wire
- 40' OFC 16 GA Speaker Wire
- Mini ANL Fuse Block with Blue LED Voltage/Amperage Meter
- Platinum Connectors
- Attractive Blister Card



XTK-4, XTK-8

4 GAUGE AND 8 GAUGE DELUXE AMPLIFIER WIRING KITS

- 16' High Quality Twisted Pair RCA Cables
- 16' OFC Power and 3' Ground Wire
- 30' OFC 16 GA Speaker Wire
- Deluxe Waterproof Fuse Holder
- Assorted Platinum Connectors
- Attractive Blister Card





MARINE AUDIO



MARINE COAXIALS

- Marine Grade Speakers with Injection Molded UV-Treated White Polypropylene Cones
- UV-Resistant Hi-Impact Integrated White Grills
- White Polyamide Speaker Baskets
- Polyurethane Rubber Woofer Surrounds
- Grill Mounted Sealed Tweeters, MET (Marine Engineered Technology) Dome Tweeters
- Gold Plated Input Terminals
- Moisture Protective Sealed Magnet Covers
- Stainless Steel Mounting Hardware
- Insulated Tinsel Leads

MARINE COMPONENTS

- Marine Grade Speakers with Injection Molded UV-Treated White Polypropylene Cones
- UV-Resistant Hi-Impact Integrated White Grills
- White Polyamide Speaker Baskets
- Polyurethane Rubber Woofer Surrounds
- Pivot Point 1" Titanium Dome Tweeter for the ultimate in clarity and high frequency reproduction
- Computer Aided External 12dB 2-way Crossover Network for smooth transitions between the woofer and tweeter
- Gold Plated Input Terminals
- Moisture Protective Sealed Magnet Covers
- Stainless Steel Mounting Hardware
- Insulated Tinsel Leads



10" MARINE WOOFER

- Marine Grade Woofer with Injection Molded UV-Treated White Polypropylene Cone
- Polyurethane Rubber Woofer Surround
- Insulated Tinsel Leads
- Marine Grade Spider
- White Powder Coated Basket
- 120 oz. Motor Structure
- 2.0" KSV Voice Coil
- 250 Watts RMS/500 Peak
- Frequency Response 31 – 500 Hz.
- Single 4-Ohm Impedance
- Gold Plated Input Terminals
- 4.95" Mounting Depth

POWERBASS ARTIST PROMOTIONS

presents



Big Deuce

"Shake Em Off"
Limited Edition Hip Hop Album
available in specially marked boxes
of PowerBass Xtreme Amplifiers
and Subwoofers.

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Due to continuing product improvement, features and specifications are subject to change without notice.

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