



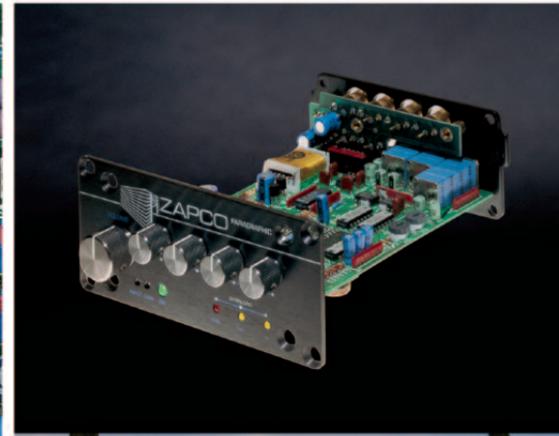
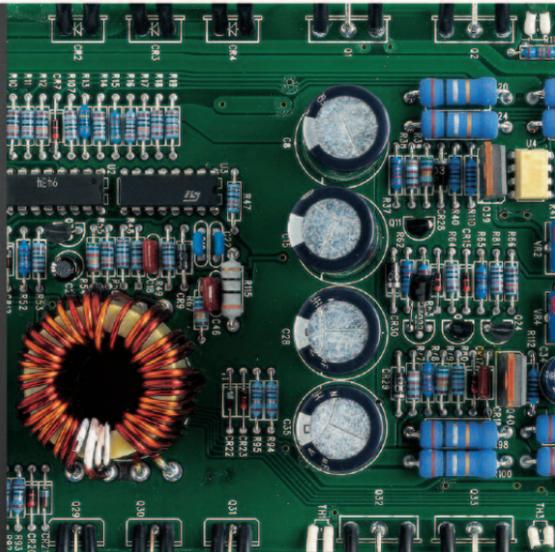
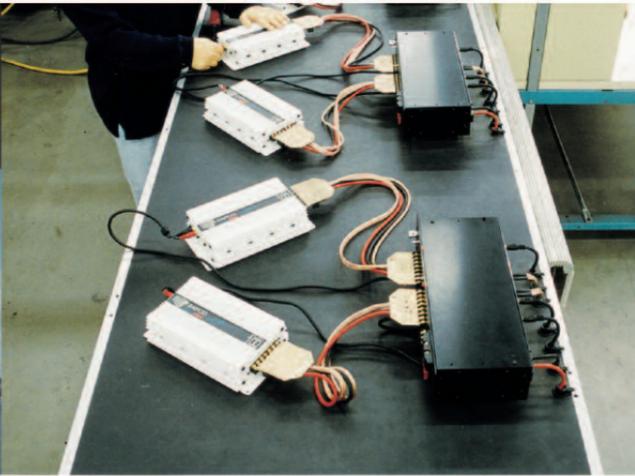
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ARPA of America Corporation
3037 E Palm Ave Suite 102, Manteca CA 95337

www.zapco.com

the Driving **FORCE**
Since 1974

Committed to Excellence

Since 1974



Zapco SEQ
Low Noise, 9 Band Preamp-Equalizer

Zapco's History

Zapco was there at the start of car audio scene. In fact one might say Zapco *started* the car sound scene with the first true high fidelity car amplifier in 1974.

It all started several years earlier with a man who worked sound systems for concerts and who wanted a better amplifier for his automobile travels around the country to different concert venues. The problem of car stereo those days was NOISE.

He took a simple, straightforward amplifier design that would give him the sound he wanted and he solved the noise problems by removing the power supply from the amplifier. By mounting the power supply in its own chassis, he was able to give the amplifier section a clean, noise free source of high voltage AC current to amplify the music. The result was an odd looking but extremely good sounding three piece car stereo amplifier. It used differentially balanced, high voltage inputs, the best high grade internal components for low distortion, and was virtually noise free. With this amp he now had the power to drive top quality pro-audio speakers so he could bring the sound of the concert to his car.

Zapco System 200 Our first 3-pieces car audio amplifier



After building amplifiers by request for a few years, in his family's barn in California farm country, he and some friends decided to take the Zapco amps to the world, and the first Zapco Model 150 was born. Zapco was officially incorporated in 1974.

In the 80's Zapco took another step forward by being the first car audio company to use optical isolators in car audio amplifiers. With optical isolators between the power supply and the amplifier section, to eliminate the noise, Zapco could now begin to put the amplifiers and power supplies in the same chassis. The result was the Zapco Z-220, which has been followed by a long series of amazingly "live" sounding amplifiers.

Zapco first STUDIO Series
ST500 + ST100X



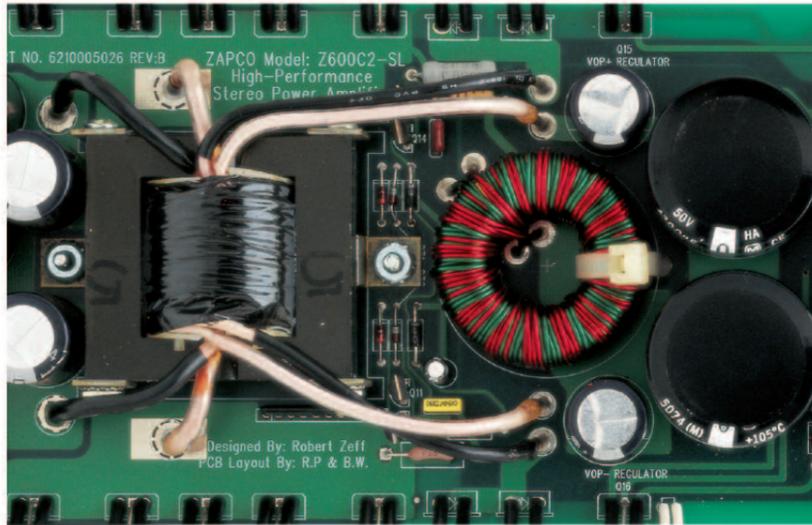
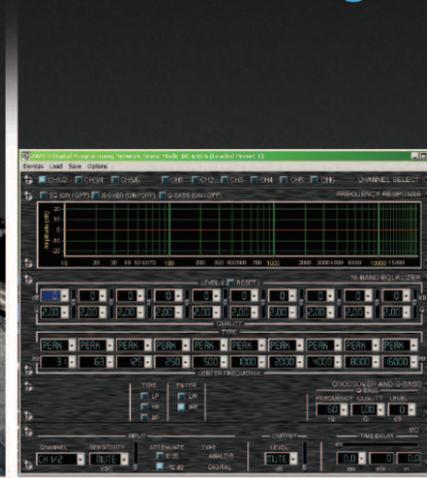
Along the way Zapco was the first to use complimentary wound transformers, SMT components, reversed phase inputs so you could run a stereo amp in mono, and tri-wound transformers to allow amps to handle far more current than ever before. These are just some of the Zapco innovations that you will now find in almost all top quality car audio amps today.

These amplifiers put Zapco at the very top of the Car Audio Competition scene and by 2004 Zapco equipped cars took over 35% of ALL awards at the IASCA world finals. Head unit makers took #2 and #3 spots, and all the other amp companies had to share the bottom 25%. Yes, Zapco became *the* dominant competition car audio amplifier.

In 2004 Zapco took another bold step by developing the first full function car audio DSP (the DSP-6) and a full line of car audio amplifiers with full DSPs built in. We even developed the Zapco Digital Programming Network so you could address all your DC series amplifiers into a local network and control them independently from a single PC screen.

Technology innovations

To bring better sound to the automotive environment



Zapco DC Series
First Full Digital Control Amplifiers

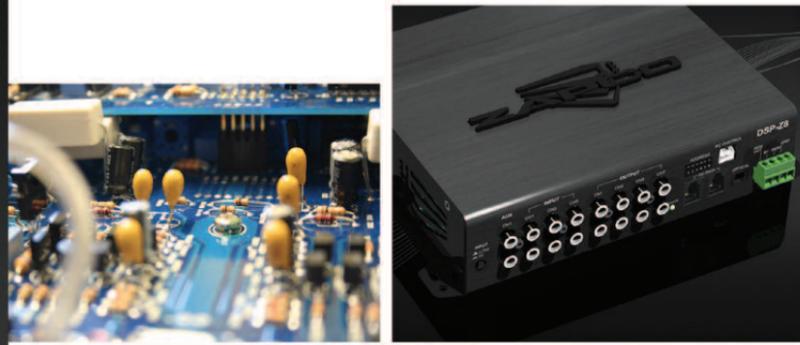
Today, still producing the best sounding amps

Because the sound matters

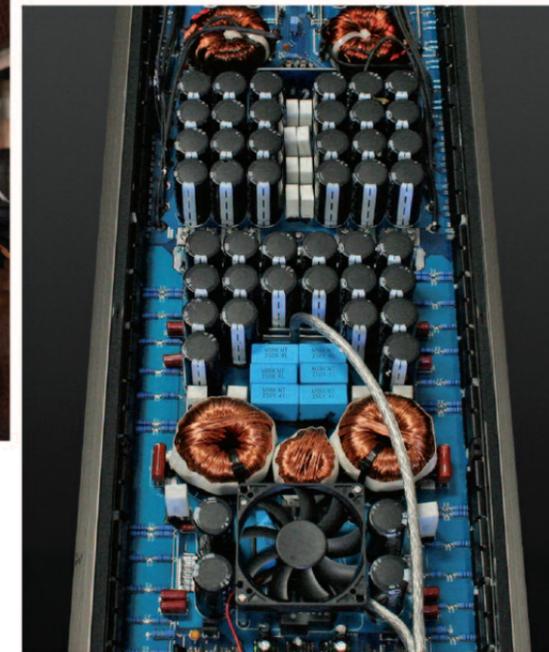
Yes, we started in a barn, on a ranch in the California farm country. But this is 2013 and we're not in the barn any more, now we have a modern metal building. The new building is about 10 miles away from the old barn, but still on a ranch, right here in California farm country.

At Zapco, we've been doing the same thing in the same place for almost 40 years... Constantly searching out innovative ways to bring better sound to the automotive environment.

Why do we do it? Because the Sound Matters! Nothing else can grab your soul and bring tears to your eyes like music. Music will make you tap your feet, and dance for joy. Of all the arts, music has the most powerful and immediate effect on your body and your mind. Reproducing music in all its glory, and it's subtleness, and its detail deserves nothing less than our best efforts. Because Sound Matters.



Z-150.6 Control Panel



2013 New Series Amplifiers

- **DC-Series** Full Digital Control Amplifiers
Full digital processing amplifiers, from 1-ch. to 6 ch., and 8 ch. stand alone sound processor
- **ZX-Series** Class AB and D Competition Amplifiers
Class AB and D competition amplifiers, up to 22.000 watts of crazy power!
- **Z-Series** Class AB and D Sound Quality Amplifiers
Class AB and D sound quality amplifiers, from 1-ch. to 6 ch., to match audiophiles needs
- **STD-Series** Full Range Class D Amplifiers
Full range class D compact amplifiers. Small sizes, big powers
- **STX-Series** Class AB Amplifiers
Class AB amplifiers, Zapco sound quality at an affordable price

Digital Processing

The Zapco Way

Here's a fact: Everything you do to an audio signal makes it worse. In the perfect world we would not have signal processing. We would have large, full range, acoustically flat speakers. The speakers would all be in front of us on the sound stage, and we would be sitting right smack dab in the middle. We would have a nice big rectangular room covered with drapes so we would not have to worry about pesky reflections interfering with the sound waves. Unfortunately, we don't live in a perfect world. We live (and work) in cars, and cars are terrible places to listen to music. We sit right next to the left speaker (In the US), while the right speaker is way over there on the right side of the car. The woofers are behind us, and the midrange and tweeter may be 2 or three feet apart. On top of this we have a funny shaped listening room with glass and plastic bouncing reflected sound all over the place.

So, unless you're going to custom build a car (that you probably won't be able to drive on the street), you're going to need processing to get the best sound possible from your car. Zapco recognized early on the value of digital processing for the car and while others were just talking about digital processing, Zapco was doing it. In 2004 Zapco introduced the DSP-6 and the DC Reference line of amplifiers with digital processing built in. For 2012 we give you the DSP-Z8, our 2nd generation of digital processing. As with the previous model, the DSP-Z8 is designed to apply the minimum amount of processing needed to your signal to put you front and center in the sound stage and to correct for the frequency imbalances of the automotive environment. The Zapco Digital Programming Network GUI is how you control the processing of the DSP-Z8 and the Zapco DC series amplifiers. To your right is the PC control screen for the Zapco DPN. Look complicated? It's really not. We've laid everything out for ease of tuning, and we've tried to limit the bell and whistles while providing the tools needed to make every car sound its very best.



Zapco DC-Series

...It's back and better than ever!

The Zapco Digital Processing amplifiers and the Zapco stand alone processor are back. Same great sound, same clean Zapco power, same stealth fighter looks. What's changed? We've added a boat-load of fresh processing power and improved the control program. The new DPN is easier to load and use and the hassles of loading drivers are gone. Just drop the new system onto your desktop and go.

And here's what you'll find:

- First, the new DC series takes speaker level inputs as well and preamp inputs, so hooking up to a factory system is now a breeze. Not only that, but it will sum the channels as well if need be.
- Of course the amps have a full DSP on each channel. And on the Stand-alone DSP-Z8 we have added 2 more channels so you can run an active 3-way system and still have a subwoofer output.
- The crossover now runs from a shallow 6dB/Octave to a steep 36dB/Octave.
- Signal delay resolution has been increased so you can now adjust down to under 3mm.
- Phase can now be adjusted in 15 degree steps.
- Muting, either by single channel or by channel pairs lets you hear one channel at a time .
- VSE Voltage Sensitive Equalization is a fully parametric EQ band that can be set to engage at a preset signal voltage. This is great for factory integration. If your car changes the system response at a given volume you can set the VSE band to counteract the factory and keep your flat response, just like you tuned it.

Like we said, a boat-load of improvements. But there is one thing that hasn't changed...

The Price! That's right, with all these improvements, the DC line remains a great value with most of the models right at the same price as last year's models. Some are even less than last year.



DSP-Z8
8 Channel Digital Signal Processor

6 Channels balanced RCA inputs
Accepts from 0.5 Volt to 26 Volts
2 Channels RCA Auxiliary Input
Toslink SPDIF Optical Digital Auxiliary Input
Cirrus Logic CS4271 DAC
ST Micro STA308A Audio Optimized DSP
8 Channels output at 6 Volts RMS

OEM Integration Features:

- Speaker level inputs up to 26 Volts RMS
- Channel Summing to combine active signal ranges to a single full range signal
- Voltage Sensitive EQ band/Ch to correct factory active Equalization
- Adjustment by channel or by channel pair
- 10 bands parametric equalization for each Channel
- Adjustable Q 0.5 to 10 - ± 15dB adjustment each band
- Digital Electronic Crossover for each output channel
- HP/LP/BP/Full Range selectable -6dB to 36dB/Octave slopes
- Butterworth or Linkwitz/Riley filter design
- Time Delay for each output channel to .01ms or 3mm
- Voltage sensitive EQ band lets you compensate for OEM equalized systems
- Phase control in steps at 15° steps 0° to 180°
- Muting by Channel or channel pair
- Isolate the channel you are working with and turn the rest off.
- Dimensions in Inches 8.6(L) x 7.9(W) x 2.3(H)

Z8-R
DSP-Z8 Remote Control
Up/Down Volume, Memory Presets, Input Source, USB



DC656
6 Channel Digital Processing Amplifier

Stereo, 4 ohms: 4 x 50 Watts
Plus 2 x 100 Watts
Stereo, 2 ohms: 4 x 90 Watts
Plus 2 x 180 Watts
Bridged: 2 x 180 Watts
Plus 1 x 360 Watts

- On-Board, Full Function DSP
- Intelligent Rail Voltage Control
- Short term stable to below 1 ohm/Ch
- USB Input for PC Control
- 2nd Gen. Digital Programming Network
- Heavy-Duty, High-Current, Insulated Terminal Blocks
- Space Saving Flush Wiring Connections
- Bridgeable
- Three-Channel Capable
- Gate Drive Boost Circuit
- High-Current Bipolar Outputs
- Optically Isolated MOSFET Power Supply
- Quality Zapco construction
- Dimensions in Inches:
24.40(L) x 7.12(W) x 2.35(H)

The DC656 defines versatility for car audio amplifiers. You get a DC364, 4 ch. amplifier and a DC352, 2 ch. amplifier, all in one chassis. With all the digital processing of the DC series, this amp is a whole system in a single box.





DC352 2 Channel Digital Processing Amplifier

Stereo, 4 ohms: 2 x 100 Watts
Stereo, 2 ohms: 2 x 180 Watts
Bridged, 4 ohms: 1 x 360 Watts

- On-Board, Full Function DSP
- Intelligent Rail Voltage Control
- Short term stable to below 1 ohm/Ch
- USB Input for PC Control
- 2nd Gen. Digital Programming Network
- Heavy-Duty, High-Current, Insulated Terminal Blocks
- Space Saving Flush Wiring Connections
- Bridgeable
- Three-Channel Capable
- Gate Drive Boost Circuit
- High-Current Bipolar Outputs
- Optically Isolated MOSFET Power Supply
- Quality Zapco construction
- Dimensions in Inches: 16.38(L) x 7.12(W) x 2.35(H)



DC1004 4 Channel Digital Processing Amplifier

Stereo, 4 ohms: 4 x 150 Watts
Stereo, 2 ohms: 4 x 250 Watts
Bridged, 4 ohms: 2 x 500 Watts

- On-Board, Full Function DSP
- Intelligent Rail Voltage Control
- Short term stable to below 1 ohm/Ch
- USB Input for PC Control
- 2nd Gen. Digital Programming Network
- Heavy-Duty, High-Current, Insulated Terminal Blocks
- Space Saving Flush Wiring Connections
- Bridgeable
- Three-Channel Capable
- Gate Drive Boost Circuit
- High-Current Bipolar Outputs
- Optically Isolated MOSFET Power Supply
- Quality Zapco construction
- Dimensions in Inches: 24.40(L) x 7.12(W) x 2.35(H)



DC752 2 Channel Digital Processing Amplifier

Stereo, 4 ohms: 2 x 175 Watts
Stereo, 2 ohms: 2 x 360 Watts
Bridged, 4 ohm: 1 x 780 Watts

- On-Board, Full Function DSP
- Intelligent Rail Voltage Control
- Short term stable to below 1 ohm/Ch
- USB Input for PC Control
- 2nd Gen. Digital Programming Network
- Heavy-Duty, High-Current, Insulated Terminal Blocks
- Space Saving Flush Wiring Connections
- Bridgeable
- Three-Channel Capable
- Gate Drive Boost Circuit
- High-Current Bipolar Outputs
- Optically Isolated MOSFET Power Supply
- Quality Zapco construction
- Dimensions in Inches: 24.40(L) x 7.12(W) x 2.35(H)



DC501 Mono Digital Processing Amplifier

Mono, 4 ohms: 1 x 350 Watts
Mono, 2 ohms: 1 x 500 Watts

- On-Board, Full Function DSP
- Intelligent Rail Voltage Control
- Short term stable to below 1 ohm/Ch
- USB Input for PC Control
- 2nd Gen. Digital Programming Network
- Heavy-Duty, High-Current, Insulated Terminal Blocks
- Space Saving Flush Wiring Connections
- Three-Channel Capable
- Gate Drive Boost Circuit
- High-Current Bipolar Outputs
- Optically Isolated MOSFET Power Supply
- Quality Zapco construction
- Dimensions in Inches: 14.01(L) x 7.12(W) x 2.35(H)



DC364 4 Channel Digital Processing Amplifier

Stereo, 4 ohms: 4 x 50 Watts
Stereo, 2 ohms: 4 x 90 Watts
Bridged, 4 ohms: 2 x 180 Watts

- On-Board, Full Function DSP
- Intelligent Rail Voltage Control
- Short term stable to below 1 ohm/Ch
- USB Input for PC Control
- 2nd Gen. Digital Programming Network
- Heavy-Duty, High-Current, Insulated Terminal Blocks
- Space Saving Flush Wiring Connections
- Bridgeable
- Three-Channel Capable
- Gate Drive Boost Circuit
- High-Current Bipolar Outputs
- Optically Isolated MOSFET Power Supply
- Quality Zapco construction
- Dimensions in Inches: 19.40(L) x 7.12(W) x 2.35(H)



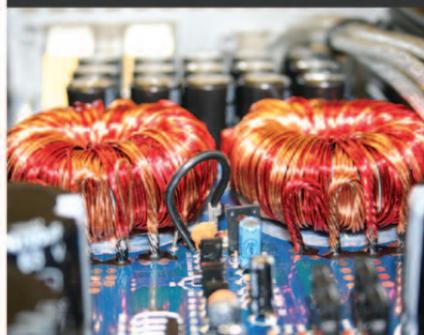
DC1101 Mono Digital Processing Amplifier

Mono, 4 ohms: 1 x 820 Watts
Mono, 2 ohms: 1 x 1100 Watts

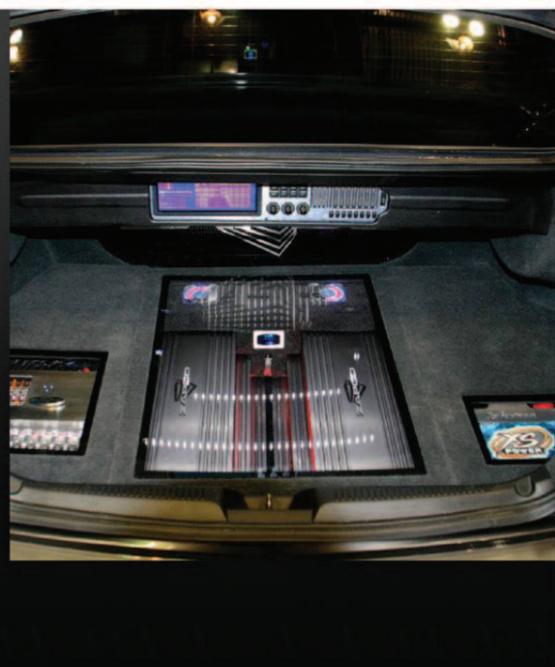
- On-Board, Full Function DSP
- Intelligent Rail Voltage Control
- Short term stable to below 1 ohm/Ch
- USB Input for PC Control
- 2nd Gen. Digital Programming Network
- Heavy-Duty, High-Current, Insulated Terminal Blocks
- Space Saving Flush Wiring Connections
- Three-Channel Capable
- Gate Drive Boost Circuit
- High-Current Bipolar Outputs
- Optically Isolated MOSFET Power Supply
- Quality Zapco construction
- Dimensions in Inches: 24.40(L) x 7.12(W) x 2.35(H)

Zapco ZX-Series

Class AB and D Competition Amplifiers



ZX-26KD Control Panel



Class A/B and D Competition Amplifiers

The ZX-Series of Zapco amplifiers is the result of our experience over the last 40 years with the technology of sound reproduction, combined with what we have learned in consultations with the home and car audiophile communities over the last few years about human perception of sound. We have also used a number of studies of the human physiology to examine what an amplifier should do to make reproduced music sound more like live music. What did we discover? The proper combination of output devices, op-amps, capacitors and other internal components makes a huge difference in the quality of the sound an amplifier produces.

We also determined that with technological advances over the last 10 years we could now develop a more efficient Class D amplifier that would have the SQ specs at 1 Ohm to equal or even surpass those of many A/B amps. What we did: We set our standards for specifications in Class A/B and Class D and assured that all amps would meet them. Then we used the best combination of tantalum capacitors, electrolytic capacitors, NJM 5532 and OPA 2134 op-amps, and Sanken and KEC high speed bi-polar output devices, and MOSFET output devices for the Class D amplifiers, to produce what we believe are the best sounding amplifiers we have ever offered.

The ZX-Series Class D line-up takes the Z-Series to a whole new place of Crazy Power! 6,500 watts, 10,000 watts, or 22,000 watts. Now that's Crazy Power! Like we say, these are the amps to use **when too much is just not quite enough.**

**The ZX-26KD gives you completely insane power!
(1 x 20.840 Watts at 16 volts Mono 2 ohm)**

ZX-26KD

Mono Competition Class D SPL Amplifier

Mono, 2 ohm: 1 x 13550 Watts (12 volts)

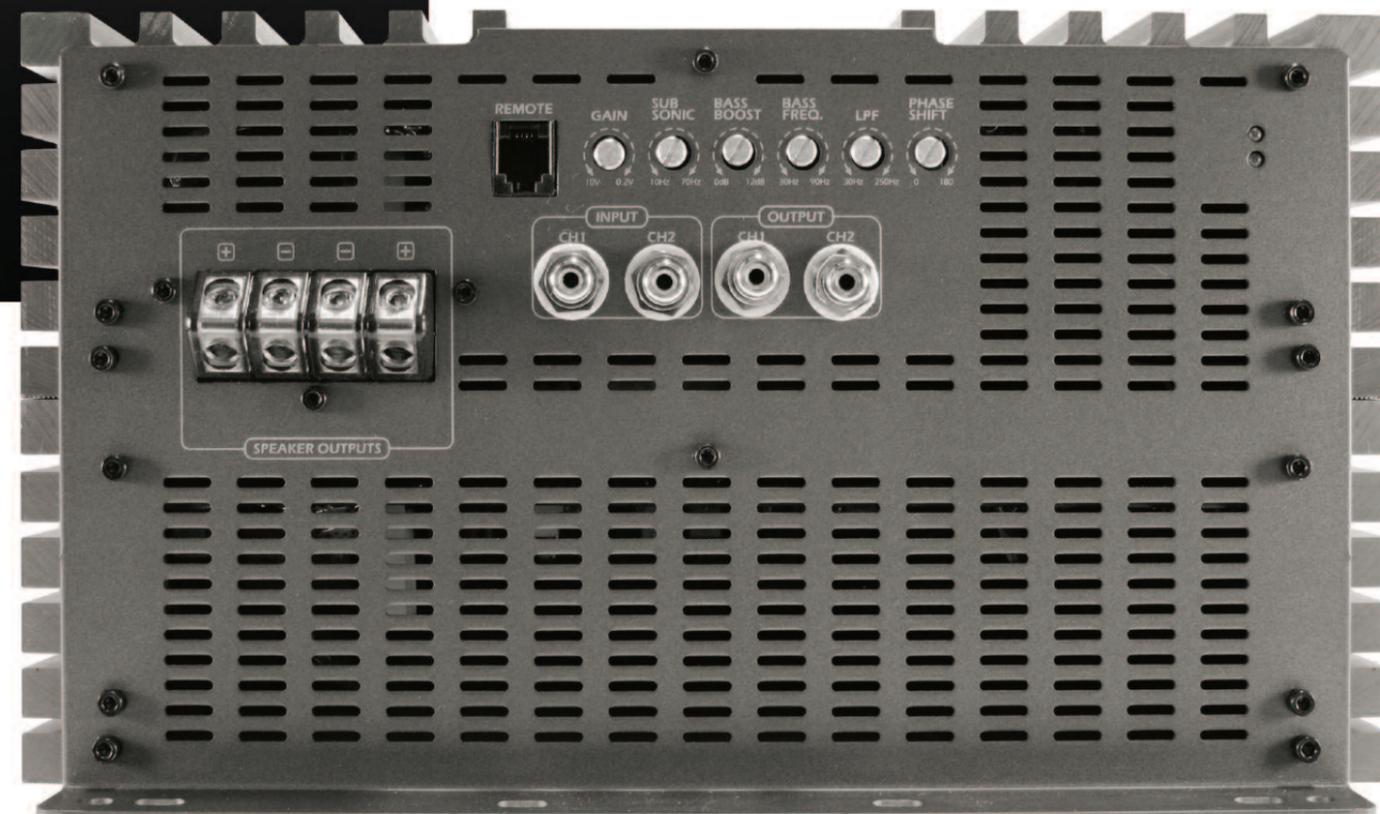
Mono, 2 ohm: 1 x 20000 Watts (14.4 volts)

Mono, 2 ohm: 1 x 20840 Watts (16 volts)

- Four huge MOS-FET PWM power supplies
- 24dB/oct variable crossover
- Variable 24 dB low pass (LPF) crossover
- Variable 12 dB bass boost equalization control
- Variable 180 degree adjustable phase shift
- Variable 24 dB subsonic filter

- Efficiency : 86% @ 4 ohm, at 100Hz
- Multi-way protection circuitry (thermal/over current/speaker short/speaker DC protection)
- RCA line input and line out
- Heavy duty copper layer double sided epoxy PCB
- 6 x 0 Gauge (AWG) battery input connectors
- Efficiency: 86% at 4 ohm, 100 Hz
- Tested voltage & THD : 14.4V & < 0.5% THD
- Operating voltage: DC 10V ~ 16V
- Wired remote control
- Dimensions in Inches : 11(W) x 6(H) x 38.5(L)

Remote Control included





ZX-200.4
4 Channel Class AB Competition Amplifier

Stereo, 4 ohms: 4 x 210 Watts
Stereo, 2 ohms: 4 x 330 Watts
Stereo, 1 ohm: 4 x 490 Watts
Bridged, 4 ohms: 2 x 680 Watts
Bridged, 2 ohms: 2 x 1000 Watts

- Class-AB bridgeable 12V amplifier
- 2/1 channel bridgeable 12V amplifier
- Stable into 4 ohms bridged or 2 ohms stereo load
- PWM MOSFET power supply
- Variable input sensitivity
- 18dB octave crossover slope
- Variable FULL / LP / HP Electronic Crossover
- 0dB, 6dB, 12dB selectable bass boost

- RCA Signal input and output connectors
- 4-way protection circuitry (thermal/over current/speaker short/DC)
- Tested voltage & THD: 14.4V & less than 0.05% THD at rated power
- Operating voltage : DC10V~15.5V power input
- Wired remote control (optional)
- Dimensions in Inches : 7.5(W) x 3(H) x 25.5(L)



ZX-500.2
2 Channel Class AB Competition Amplifier

Stereo, 4 ohms: 2 x 510 Watts
Stereo, 2 ohms: 2 x 840 Watts
Stereo, 1 ohm: 2 x 1210 Watts
Bridged, 4 ohms: 1 x 1730 Watts
Bridged, 2 ohms: 1 x 2440 Watts

- Class-AB bridgeable car amplifier
- 2/1 channel bridgeable car amplifier
- Stable into 2 ohms bridged or 1 ohm stereo load
- PWM MOSFET power supply
- Input sensitivity (gain) control variable
- 18dB octave crossover slope
- Variable, selectable LP / HP crossover
- Variable bass boost

- Signal input and output RCA connectors
- Multi-way protection circuitry (thermal/over current/speaker short/DC)
- Tested voltage & THD: 14.4V & less than 0.05% THD at rated power
- Operating voltage : DC10V~15.5V power input
- Wired remote control (optional)
- Dimensions in Inches : 7.5(W) x 3(H) x 26(L)

Remote Control included



ZX-6.5KD
Mono Competition Class D SPL Amplifier

Mono, 1 ohm: 1 x 4530 Watts (12 volts)
Mono, 1 ohm: 1 x 6510 Watts (14.4 volts)
Mono, 1 ohm: 1 x 6750 Watts (16 volts)
Linked, 2 ohm: 1 x 12900 Watts (16 volts)

- Dual MOS-FET PWM power supplies
- Daisy-chain Pass-through output
- Double sided through hole epoxy PCB
- Stable into 1 ohm
- 24dB/oct variable crossover
- Variable 24 dB low pass (LPF) crossover
- Variable 12 dB bass boost equalization control
- Variable 180 degree adjustable phase shift
- Variable 24 dB subsonic filter
- Efficiency : 86% @ 4 ohm, at 100Hz

- Selectable for MASTER and SLAVE operation
- Multi-way protection circuitry (thermal/over current/speaker short/DC)
- RCA line input and line out
- Heavy duty copper layer double sided epoxy PCB
- 2 x 0 Gauge (AWG) battery input connectors
- Efficiency: 86% at 4 ohm, 100 Hz
- Tested voltage & THD : 14.4V & < 0.5% THD
- Operating voltage: DC 10V ~ 16V
- Wired remote control
- Dimensions in Inches : 11(W) x 3(H) x 24(L)

Remote Control included



ZX-10KD
Mono Competition Class D SPL Amplifier

Mono, 1 ohm: 1 x 7550 Watts (12 volts)
Mono, 1 ohm: 1 x 9780 Watts (14.4 volts)
Mono, 1 ohm: 1 x 10940 Watts (16 volts)
Linked, 2 ohm: 1 x 19450 Watts (16 volts)

- Dual MOS-FET PWM power supplies
- Daisy-chain Pass-through output
- Double sided through hole epoxy PCB
- Stable into 1 ohm
- 24dB/oct variable crossover
- Variable 24 dB low pass (LPF) crossover
- Variable 12 dB bass boost equalization control
- Variable 180 degree adjustable phase shift
- Variable 24 dB subsonic filter
- Efficiency : 86% @ 4 ohm, at 100Hz

- Selectable for MASTER and SLAVE operation
- Multi-way protection circuitry (thermal/over current/speaker short/DC)
- RCA line input and line out
- Heavy duty copper layer double sided epoxy PCB
- 3 x 0 Gauge (AWG) battery input connectors
- Efficiency: 86% at 4 ohm, 100 Hz
- Tested voltage & THD : 14.4V & < 0.5% THD
- Operating voltage: DC 10V ~ 16V
- Wired remote control
- Dimensions in Inches : 11(W) x 3(H) x 38.5(L)

Our newest Sound Quality amplifiers

The new Z-Series of SQ amps was not conceived so much by our engineers but by input from audiophiles and car sound fanatics around the world. At Zapco training seminars in Asia and in the EU, we began running into audiophiles who were changing certain internal components in our amplifiers to achieve what they felt was better quality sound. The seed of an epiphany was planted one day in a heated discussion about amplifier specs when a highly respected audiophile said "maybe your amps are too fast". Our reaction was immediate. Too fast? Ridiculous! An amp can't be too fast. But, as time went on, we began to discuss the possibility that we had chased the specifications to the point that we were no longer improving the sound.



For example: If people cannot hear the effect of damping beyond about 200, why do we take it to 1000, or even higher? How does taking specs to the extreme effect other aspects of sound? So for the new Z-Series of Zapco amplifiers, we experimented with internal components to see if we could take out amps to the next level of sound quality by investing in different internal components.

How much would different component choices affect the overall sound quality? What we found was that electrolytic caps, mylar caps, and tantalum caps all sound different. Different Op-Amps sound different...even if they have the same engineering specs. Output devices all sound different even though they put out the same voltages. Even the layout of components on a board will affect the sound of an amplifier. And ultimately, we found that different combinations of Op-amps, capacitors, and output devices allowed us to make a major difference in the sound quality of the amplifiers without changing the specs.

Z-150.6

6 Channel SQ Amplifier

Stereo, 4 ohms: 6 x 150 Watts
Stereo, 2 ohms: 6 x 230 Watts
Bridged, 4 ohms: 3 x 450 Watts

- 7/6/5/3 channel bridgeable car amplifier
- Stable into 4 ohms bridged or 2 ohms stereo load
- PWM MOSFET power supply
- Input sensitivity (gain) control variable
- 18dB octave crossover slope
- Variable Full/LP/HP selectable crossover (CH1/2/3/4)

- Variable Full/LPF Selectable crossover (CH5/6)
- Variable bass boost (CH5/6)
- Variable subsonic (CH5/6)
- RCA signal input connectors
- 4-way protection circuitry (thermal/over current/speaker short/DC)
- Tested voltage & THD: 14.4V & less than 0.05% THD at rated power
- Operating voltage : DC10V~15.5V power input
- Wired remote control (optional)
- Dimensions in Inches : 7.5(W) x 3(H) x 23.75(L)

Zapco Z-Series

Class AB and D Sound Quality Amplifiers



The Z-150.6 gives you 150 Watts of true Zapco power into 6 channels with the fidelity you need in the SQ class amplifiers.

The Zapco Z-Series amplifiers use the best combination of NJM5532L and OPA2134 op-amps, Tantalum capacitors, and high speed KEC and Sanken output devices to bring you what we believe are **the best sounding amplifiers we have ever offered.**



Z-150.2 2 Channel SQ Amplifier

Stereo, 4 ohms: 2 x 150 Watts
Stereo, 2 ohms: 2 x 250 Watts
Bridged, 4 ohms: 1 x 500 Watts

- Class-AB 2/1 ch. bridgeable amplifier
- Stable into 4 ohms bridged or 2 ohms stereo load
- PWM MOSFET power supply
- Variable input sensitivity
- 18dB octave crossover slope
- Variable FULL/LP/HP crossover
- 0dB, 6dB, 12dB selectable bass boost
- RCA Signal in. and out. connectors

- 4-way protection circuitry (thermal/over current/speaker short/DC)
- Tested voltage & THD: 14.4V & less than 0.05% THD at rated power
- Operating voltage: DC10V~15.5V power input
- Wired remote control (optional)
- Dimensions in Inches : 7.5(W) x 3(H) x 13.25(L)



Z-1KD Linkable Dual / Mono Amplifier

Mono, 4 ohms: 1 x 300 Watts
Mono, 2 ohms: 1 x 560 Watts
Mono, 1 ohm: 980 Watts
Linked, 2 ohms: 1 x 1700 Watts

- Class-D linkable mono block amplifier
- Daisy-chain pass-through RCA output
- Dual MOS-FET PWM power supplies
- Stable into 1 ohm/2 ohm parallel speaker connection
- 24 dB Variable low pass crossover
- 12 dB Variable bass boost eq.
- 0-180 degree variable phase shift
- 24 dB Variable subsonic filter
- Selectable master and slave operation

- Multi-way protection circuitry (thermal/over current/speaker short/DC)
- Line input and master output/slave input
- 100% QC testing and warm up
- Tested voltage & THD : 14.4V and less than 0.5% THD at 4 ohm RMS watt
- Operating voltage: DC 10V ~ 16V power input
- Wired remote control (optional)
- Dim. in Inches: 7.5(W) x 3(H) x 12.25(L)



Z-400.2 2 Channel SQ Amplifier

Stereo, 4 ohms: 2 x 400 Watts
Stereo, 2 ohms: 2 x 670 Watts
Bridged, 4 ohms: 1 x 1340 Watts

- Class-AB 2/1 ch. bridgeable amplifier
- Stable into 4 ohms bridged or 2 ohms stereo load
- PWM MOSFET power supply
- Variable input sensitivity
- 18dB octave crossover slope
- Variable FULL/LP/HP crossover
- Variable bass boost

- Signal in. and out. RCA connectors
- Multi-way protection circuitry (thermal/over current/speaker short/DC)
- Tested voltage & THD: 14.4V & less than 0.05% THD at rated power
- Operating voltage: DC10V~15.5V power input
- Wired remote control (optional)
- Dimensions in Inches: 7.5(W) x 3(H) x 20.25(L)



Z-2KD Linkable Dual / Mono Amplifier

Mono, 4 ohms: 1 x 570 Watts
Mono, 2 ohms: 1 x 1100 Watts
Mono, 1 ohm: 2050 Watts
Linked, 2 ohms: 1 x 4100 Watts

- Class-D linkable mono block amplifier
- Daisy-chain pass-through RCA output
- Dual MOS-FET PWM power supplies
- Stable into 1 ohm/2 ohm parallel speaker connection
- 24 dB Variable low pass crossover
- 12 dB Variable bass boost eq.
- 0-180 degree variable phase shift
- 24 dB Variable subsonic filter

- Selectable master and slave operation
- Multi-way protection circuitry (thermal/over current/speaker short/DC)
- Line input and master output/slave input
- 100% QC testing and warm up
- Tested voltage & THD : 14.4V and less than 0.5% THD at 4 ohm RMS watt
- Operating voltage: DC 10V ~ 16V power input
- Wired remote control (optional)
- Dim. in Inches: 7.5(W) x 3(H) x 19(L)



Z-150.4 4 Channel SQ Amplifier

Stereo, 4 ohms: 4 x 150 Watts
Stereo, 2 ohms: 4 x 250 Watts
Bridged, 4 ohm: 2 x 450 Watts

- Class-AB 4/3/2 ch. bridgeable amplifier
- Stable into 4 ohms bridged or 2 ohms stereo load
- PWM MOSFET power supply
- Variable input sensitivity
- 18dB octave crossover slope
- Variable Full / LP / HP Crossover
- Variable bass boost
- RCA signal in. and out. connectors

- 4-way protection circuitry (thermal/over current/speaker short/DC)
- Tested voltage & THD: 14.4V & less than 0.05% THD at rated power
- Operating voltage: DC10V~15.5V power input
- Wired remote control (optional)
- Dimensions in Inches: 7.5(W) x 3(H) x 18.75(L)



Z-3KD Linkable Dual / Mono Amplifier

Mono, 4 ohms: 1 x 900 Watts
Mono, 2 ohms: 1 x 1800 Watts
Mono, 1 ohm: 3000 Watts
Linked, 2 ohms: 1 x 5700 Watts

- Class-D linkable mono block amplifier
- Daisy-chain pass-through RCA output
- Dual MOS-FET PWM power supplies
- Stable into 1 ohm/2 ohm parallel speaker connection
- 24 dB Variable low pass crossover
- 12 dB Variable bass boost eq.
- 0-180 degree variable phase shift
- 24 dB Variable subsonic filter
- Selectable master and slave operation

- Multi-way protection circuitry (thermal/over current/speaker short/DC)
- Line input and master output/slave input
- 100% QC testing and warm up
- Tested voltage & THD : 14.4V and less than 0.5% THD at 4 ohm RMS watt
- Operating voltage: DC 10V ~ 16V power input
- Wired remote control (optional)
- Dim. in Inches: 7.5(W) x 3(H) x 25.75(L)

The STD-Series Full Range Class D Amplifiers

Zapco introduced the industry to great sounding Class D amplifiers some 10 years ago with the famous 9.0XD. Today's technology has allowed us to develop a line of great sounding full range Class D amps at an affordable price range and in a size that's an easy fit in today's smaller cars. Small car doesn't have to mean small sound, and you won't have to give up the back seat for an amplifier. And even motorcycles. In fact, at only 6.5" x 6.7", the ST-2D is the ideal amplifier for a motorcycle faring. Small size, big power. And talk about POWER! This tiny little monster is going to give you 400watts RMS. With that kind of power in your faring, you're going to need louder pipes, and, since these little power houses are Zapco amps, you know they're going to sound great.



The feature set is kept to the essentials. They all have 18dB crossovers, speaker level inputs, and optional remote level controls, but, they don't have chrome or fancy paint jobs, and they don't look like hot rod engines or computers. They look like car audio amplifiers. We put our efforts (and your money) into great sound and reliable power. Even though they're Class D they have less than 0.05% THD+noise and 90dB signal to noise ratio. After all, loud is no good unless it sounds great as well. And these new amplifiers sound awesome. Audition one today and you'll know what we mean. Even though the 1ch, 2ch, 4ch, and 5ch powerhouses have way more punch than you'd expect from such a diminutive chassis.

ST-500DM Class D Mono Amplifier

Mono, 4 ohms: 1 x 160 Watts
Mono, 2 ohms: 1 x 310 Watts
Mono, 1 Ohm 1 x 500 Watts

- Class-D bridgeable 12V amplifier
- Single channel mono 12V bass amplifier
- Stable from 4 ohms to 1 ohm load
- PWM MOSFET power supply
- 18dB octave crossover slope
- 80Hz sub crossover
- 30Hz Sub Sonic filter
- Optional dash control for bass level
- RCA Signal input and output connectors
- 4-way protection circuitry (thermal/over current/speaker short/DC)
- Tested voltage & THD: 14.4V & less than 0.2%
- Dimensions in Inches: 6.7(W) x 2.2(H) x 7.5(L)

ST-1KDM Class D Mono Amplifier

Mono, 4 ohms: 1 x 360 Watts
Mono, 2 ohms: 1 x 700 Watts
Mono, 1 Ohm 1 x 1000 Watts

- Class-D bridgeable 12V amplifier
- Single channel mono 12V bass amplifier
- Stable from 4 ohms to 1 ohm load
- PWM MOSFET power supply
- 18dB octave crossover slope
- 80Hz sub crossover
- 30Hz Sub Sonic filter
- Optional dash control for bass level
- RCA Signal input and output connectors
- 4-way protection circuitry (thermal/over current/speaker short/DC)
- Tested voltage & THD: 14.4V & less than 0.2%
- Dimensions in Inches: 6.7(W) x 2.2(H) x 9.8(L)

ST-2D 2 Channel Class D Full Range Amplifier

Stereo, 4 ohms: 2 x 100 Watts
Stereo, 2 ohms: 2 x 200 Watts
Bridged, 4 ohms: 1 x 400 Watts



- Class-D 2/1 channel bridgeable amplifier
- Stable into 4 ohms bridged or 2 ohms stereo load
- PWM MOSFET power supply
- 18dB octave crossover slope
- Variable FULL/LP/HP Electronic Crossover
- Variable bass boost
- RCA Signal input and output connectors
- 4-way protection circuitry (thermal/over current/speaker short/DC)
- Tested voltage & THD: 14.4V & less than 0.05%
- Dimensions in Inches: 6.7(W) x 2.2(H) x 6.5(L)

ST-4D 4 Channel Class D Full Range Amplifier

Stereo, 4 ohms: 4 x 100 Watts
Stereo, 2 ohms: 4 x 160 Watts
Bridged, 4 ohms: 2 x 160 Watts



- Class-D 4/2 channel bridgeable amplifier
- Stable into 4 ohms bridged or 2 ohms stereo load
- PWM MOSFET power supply
- 18dB octave crossover slope
- Variable FULL/LP/HP Electronic Crossover
- Variable bass boost
- RCA Signal input and output connectors
- 4-way protection circuitry (thermal/over current/speaker short/DC)
- Tested voltage & THD: 14.4V & less than 0.05%
- Dimensions in Inches: 6.7(W) x 2.2(H) x 7.87(L)

ST-5D 5 Channel Class D Full Range Amplifier

Stereo, 4 ohms: 4 x 75 Watts + 1 x 225 Watts
Stereo, 2 ohms: 4 x 100 Watts + 1 x 350 Watts
Bridged, 4 ohms: 2 x 210 Watts + 1 x 350 Watts

- Class-D 5/3 channel bridgeable amplifier
- Stable into 4 ohms bridged or 2 ohms stereo load
- PWM MOSFET power supply
- 18dB octave crossover slope
- Variable FULL/LP/HP Electronic Crossover
- Variable bass boost
- RCA Signal input and output connectors
- 4-way protection circuitry (thermal/over current/speaker short/DC)
- Tested voltage & THD: 14.4V & less than 0.05%
- Dimensions in Inches: 6.7(W) x 2.2(H) x 10.5(L)



The ST-5D gives you 750 Watts with only 6.7 x 2.2 x 10.5 inches

The STX-Series Class AB Amplifiers

The Studio-X line of Amplifiers from Zapco was designed specifically for today's car audio market. The Studio-X compact chassis makes it an easy fit in any car and even in motorcycle fairings. The square, low profile chassis also means it will be easy to trim out for a great looking installation so your system will look as awesome as it sounds. And speaking of sound...This is a Zapco amplifier and sound is what it's all about. These are Class A/B Zapco amplifiers. The Studio-X have the same high quality caps, 5532 op-amps, and bi-polar outputs that made the C2K and Reference series amps the industry standard for sound quality. Reliability? Zapco defines reliability. It's not at all unusual to see Zapco amps moved from car to car and from generation to generation. Zapco Amps produced in the '90 are still being traded and bought on the internet by sound quality fans world wide. The Studio-x will be no different. These amps are built to last. See the Studio-X amps at a dealer today.



ST-5X 5 Channel Class AB Full Range Amplifier

Stereo, 4 ohms: 4 x 60 Watts + 1 x 240 Watts
Stereo, 2 ohms: 4 x 100 Watts + 1 x 240 Watts
Bridged, 4 ohms: 2 x 200 Watts + 1 x 240 Watts

- Class-A/B bridgeable 12V amplifier
- 5 channel bridgeable 12V amplifier
- Stable into 4 ohms bridged or 2 ohms stereo load
- STHD + Noise <0.05%
- Signal to Noise Ratio >85dB
- Channel Separation >60dB
- Frequency Response 15Hz to 30KHz +/- 1dB
- Input Sensitivity .25volts to 5volts
- RCA Signal input and output connectors
- 4-way protection circuitry (thermal/over current/speaker short/DC)
- Tested voltage & THD: 14.4V & less than 0.04%
- Dimensions in Inches: 6.4(W) x 1.8(H) x 15.3(L)



ST-2X 2 Channel Class AB Full Range Amplifier

Stereo, 4 ohms: 2 x 50 Watts
Stereo, 2 ohms: 2 x 80 Watts
Bridged, 4 ohms: 1 x 160 Watts

- Class-A/B bridgeable 12V amplifier
- 2 channel bridgeable 12V amplifier
- Stable into 4 ohms bridged or 2 ohms stereo load
- STHD + Noise <0.05%
- Signal to Noise Ratio >85dB
- Channel Separation >60dB
- Freq. Response 15Hz to 30KHz +/- 1dB
- Input Sensitivity .25volts to 5volts
- RCA Signal input and output connectors
- 4-way protection circuitry (thermal/over current/speaker short/DC)
- Tested voltage & THD: 14.4V & less than 0.04%
- Dimensions in Inches: 6.4(W) x 1.8(H) x 6.1(L)

ST-4X 4 Channel Class AB Full Range Amplifier

Stereo, 4 ohms: 4 x 60 Watts
Stereo, 2 ohms: 4 x 80 Watts
Bridged, 4 ohms: 2 x 180 Watts

- Class-A/B bridgeable 12V amplifier
- 4 channel bridgeable 12V amplifier
- Stable into 4 ohms bridged or 2 ohms stereo load
- STHD + Noise <0.05%
- Signal to Noise Ratio >85dB
- Channel Separation >60dB
- Frequency Response 15Hz to 30KHz +/- 1dB
- Input Sensitivity .25volts to 5volts
- RCA Signal input and output connectors
- 4-way protection circuitry (thermal/over current/speaker short/DC)
- Tested voltage & THD: 14.4V & less than 0.04%
- Dimensions in Inches: 6.4(W) x 1.8(H) x 11.1(L)



The ST-X amps provide full EQ controls with compact chassis.





ST-500XM

Class AB Mono Amplifier

Mono, 4 ohms: 1 x 150 Watts
Mono, 2 ohms: 1 x 250 Watts
Mono, 1 Ohm 1 x 500 Watts

- Class-D Compact 12V amplifier
- 1 channel 12V amplifier
- Stable into 1 ohms or 2 ohms load
- STHD + Noise <0.2%
- Signal to Noise Ratio >70dB
- Efficiency >85dB
- Frequency Response 10Hz to 200Hz +/- 1dB
- Input Sensitivity .25volts to 5volts
- RCA Signal input and output connectors
- 4-way protection circuitry (thermal/over current/speaker short/DC)
- Tested voltage & THD: 14.4V & less than 0.04%
- Dimensions in Inches: 6.4(W) x 1.8(H) x 7(L)



ST-1000XM

Class AB Mono Amplifier

Mono, 4 ohms: 1 x 350 Watts
Mono, 2 ohms: 1 x 680 Watts
Mono, 1 Ohm 1 x 1000 Watts

- Class-D Compact 12V amplifier
- 1 channel 12V amplifier
- Stable into 1 ohms or 2 ohms load
- STHD + Noise <0.2%
- Signal to Noise Ratio >70dB
- Efficiency >85dB
- Frequency Response 10Hz to 200Hz +/- 1dB
- Input Sensitivity .25volts to 5volts
- RCA Signal input and output connectors
- 4-way protection circuitry (thermal/over current/speaker short/DC)
- Tested voltage & THD: 14.4V & less than 0.04%
- Dimensions in Inches: 6.4(W) x 1.8(H) x 11.3(L)



ST-1500XM

Class AB Mono Amplifier

Mono, 4 ohms: 1 x 550 Watts
Mono, 2 ohms: 1 x 850 Watts
Mono, 1 Ohm 1 x 1500 Watts

- Class-D Compact 12V amplifier
- 1 channel 12V amplifier
- Stable into 1 ohms or 2 ohms load
- STHD + Noise <0.2%
- Signal to Noise Ratio >70dB
- Efficiency >85dB
- Frequency Response 10Hz to 200Hz +/- 1dB
- Input Sensitivity .25volts to 5volts
- RCA Signal input and output connectors
- 4-way protection circuitry (thermal/over current/speaker short/DC)
- Tested voltage & THD: 14.4V & less than 0.04%
- Dimensions in Inches: 6.4(W) x 1.8(H) x 15.4(L)

SX-III Analog In-Dash Signal Processor

This new Zapco EQ has a lot to live up to. Zapco has been bringing you the top Sound Quality processors since the PEQ was introduced in 1978. From the first SX equalizer model in 1992 to the SX-SL and SX-SLII, the Zapco SX in-dash processors have built a reputation for unsurpassed sound quality. The new SXIII will continue Zapco's reign as the leader in high performance analog processors. In re-designing the SX we had 3 goals. First and foremost was to set a new standard for sound quality. Secondly we added some features that were missing from the previous models. And third, we wanted to simplify the operation of the EQ's features. Here are some feature highlights:

- Overall System volume - To control the 9.5 volt preamp output
- Separate bass level control - to balance the bass output to the rest of the system.
- Fader control - to balance front output to rear output, or midrange or mid-bass to the highs.
- Auxiliary input for your iPod or other portable source.
- Five bands of semi-parametric equalization - Each of the five bands has a variable center frequency so you can fix response problems anywhere in the frequency spectrum.
- Top panel controls allow you to set the system up for Sub + Front and Rear full range or Sub + dual high pass outs, or for an active 3-way system with a bandpass on the mid-range or Mid-bass
- Individual channel gains for both Main-in and Auxiliary-in.
- 9.5 Volts of preamp output to make your amps sound their very best.
- The EQ knobs push in to stay out of way when you're not using them.

SX-III

6 Channel Analog Signal Processor

2 channel RCA .25V to 5V
900mV for 9 Volt output
2ch, 4ch, or 6ch RCA outputs
Max Output > 9Volts
THD + Noise < 0.01%
SNR > 90dB
Channel Separation > 90dB

- Crossovers 18dB
- Bass Crossover LP 30Hz to 250Hz
- Rear Crossover Full/HP 65Hz to 4.5kHz/Band pass LP 300Hz - 4.6kHz
- Front Crossover Full range/High pass 65Hz - 4.5kHz
- EQ boost / cut ±18vbBEQ
- Center points: Bass 20Hz to 70Hz, Mid Bass 150Hz to 400Hz, Mid Range 500Hz to 1.5kHz, Mid Highs 2kHz to 5kHz, Highs 6kHz to 16kHz



The new SX-III will continue Zapco's reign as the leader in high performance analog processor.