

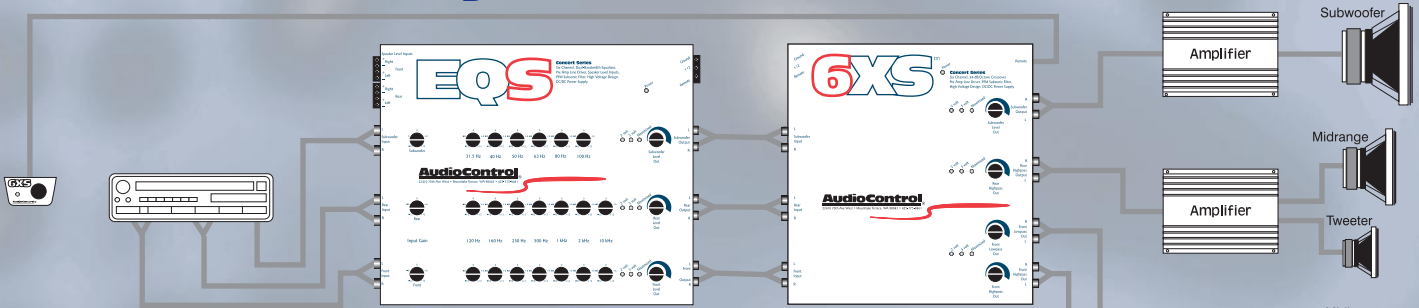
# For Those Who Consider Perfection Possible<sup>SM</sup>

For over two decades, AudioControl has been designing and manufacturing award-winning autosound products at our factory located in the rainforests of the Pacific Northwest. During this period, countless sound-off winning contestants have chosen AudioControl products to give them the competitive edge. "Can you really win without AudioControl", was part of an article written commenting on competition winning systems.

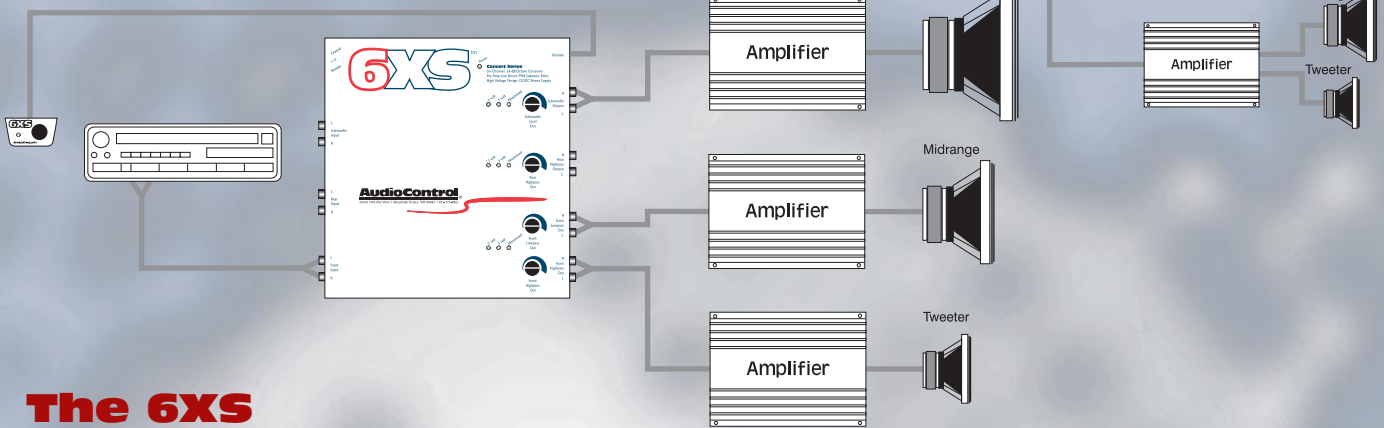
Nevertheless, this is not the main reason we build the products we do. The real reason is we like good music. Nothing sounds better than an awesome recording played back on a kick-butt system. Unfortunately, the acoustics of your vehicle can take away from your systems performance. While AudioControl products do not change the laws of physics (although they act like they do), autosound enthusiasts have long known that AudioControl products "make good stereo sound better".



## Six channel 2-way



## Two channel 3-way Subwoofer automatically fed from front input



## The 6XS Specifications

Maximum output level .....	9.5 V <sub>rms</sub> /13.5 V <sub>peak</sub>
Input/output channels .....	Selectable: 2, 4 or 6 channels
Signal gain .....	0 to +12 dB front/rear 0 to +18 subwoofer
Frequency response .....	10Hz-100kHz; ±1dB
Total harmonic distortion .....	0.005%
Crossover .....	24 dB/Octave Linkwitz-Riley
Crossover frequency .....	Programmable 15 to 3500 Hz
PFM subsonic filter .....	18 dB/octave Chebyshev
PFM frequency .....	Programmable 15 to 100 Hz
Signal to Noise ratio .....	- 110dB

Input Impedance .....	20 K ohms
Output Impedance .....	150 Ohms
Power supply .....	High headroom PWM
Power draw .....	400 mA
Recommended fuse rating .....	1 amp
Size .....	7.25" W x 7.7" D x 1.25" H
Weight .....	2.5 lbs.
Warranty in U.S. ....	5 years

All specifications are measured at 14.4 VDC (standard automotive voltage). As technology advances, AudioControl reserves the right to continuously change our specifications, like our weather.

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This literature was created and designed during a solar eclipse, although given our cloudy and rainy weather, it seemed just as dark and dreary as any other day at our home in the rainforests of the Pacific Northwest.



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**Concert Series**

Six channel crossover with remote level control



# The Only Crossover You Will Ever Need



You are looking for products that offer maximum performance and the best sound. No second best for you. At the same time, you need the flexibility to work in a plethora of applications because you might be upgrading your system . . . tomorrow. If this sounds like you, then the 6XS could be the best and last crossover you ever purchase!

### Six Inputs *plus* Eight Outputs

The 6XS will accept *two, four or six* channels of input, which means it will work with almost any type of source you have. A unique switching system actually senses if connections are present at the inputs. If only two or four channels are being used the subwoofer gets its signal from the front channels. The eight outputs give you either two or three way applications with or without fading. Maximum flexibility with minimum hassle.

### Audiophile Crossover

When using an electronic crossover in your system, one of the most important considerations is the type of slope. Lesser quality crossovers will cause phase shift errors, speaker crossover nulls, and improper speaker performance. Like other AudioControl crossovers, the 6XS contains an audiophile 24 dB/octave Linkwitz-Riley alignment design that provides linear phase response over the entire audible frequency range.



### Maximize Your Bass Performance

Do you want the most bass with the greatest protection? This is possible with the 6XS as it is equipped with the legendary AudioControl PFM (programmable frequency match) circuit. This programmable subsonic filter provides an 18 dB/octave high pass filter for your subwoofer or other low frequency speakers and gives you the maximum output and while protecting them from non-musical noise. The PFM is the ultimate tool for tuning subwoofer enclosures and getting all of the bass!

### High Voltage, Low Impedance Outputs

The 6XS will drive up to 13-volts of signal with its low output impedance, pre-amp line driver. This means the 6XS can increase the pre-amp signal level from your source unit and deliver it hotter and stronger to your amplifiers. Higher voltage means maximum output, sonic clarity, and the ability to drive multiple amplifiers to their max!

### Subwoofer Level Control

The 6XS offers a remote-mounted subwoofer level control that lets you put the bass in your face (or anyone else's for that matter). Depending upon your mood, give the knob a twist and then sit back and enjoy!



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