

SPECIFICATIONS

XENON CONVERTIBLES

	X5.0	X6.5
Recommended Smallest Sealed Enclosure	0.03 ft ³	0.04 ft ³
Peak Power Handling	300 Watts	300 Watts
RMS Power Handling	150 Watts	150 Watts
Frequency Response	70Hz-22kHz ± 2dB	60Hz-22kHz ± 2dB
Recommended Hi-Pass Crossover Point	80Hz 24dB/octave	70Hz 24dB/octave

XENON X5.0

<i>T/S Parameters</i>	
Fs	96.81 Hz
Re	3.38 Ohms (Series)
Qms	13.49
Qes	0.76
Qts	0.72
Vas	2.24 liters
Mms	12.24 grams
Cms	221 uM/Newton
BL	5.75 Tesla-M
SPL (2.83v)	86.8 dB
Sd	84.95 sq cm

XENON X6.5

<i>T/S Parameters</i>	
Fs	89.19 Hz
Re	3.17 Ohms (Series)
Qms	7.54
Qes	0.98
Qts	0.87
Vas	4.30 liters
Mms	15.68 grams
Cms	203 uM/Newton
BL	5.34 Tesla-M
SPL (1W/1M)	87.8 dB
Sd	122.72 sq cm

Due to ongoing to research, specifications are subject to change.

LIMITED WARRANTY

Phoenix Gold International, Inc. (or "Phoenix Gold") warrants its products against defects in materials and workmanship for a limited period of time. For a period of 1 year from date of original purchase, we will repair or replace the product, at our option, without charge for parts and labor. Customer must pay all parts and labor charges after the limited warranty period expires. The limited warranty period for factory refurbished products expires after ninety (90) days from date of original purchase. The warranty is extended to 2 years from date of purchase if installed by an authorized Phoenix Gold dealer. This limited warranty applies only to purchases from authorized Phoenix Gold Electronics/Speaker retailers.

This limited warranty is extended only to the original purchaser and is valid only to consumers in the United States. Consumers are required to provide a copy of the original sales invoice from an authorized Phoenix Gold dealer when making a claim against this limited warranty. This limited warranty only covers failures due to defects in materials or workmanship that occur during normal use. It does not cover failures resulting from accident, misuse, abuse, neglect, mishandling, misapplication, alteration, faulty installation, modification, service by anyone other than Phoenix Gold, or damage that is attributable to Acts of God. It does not cover costs of transportation to Phoenix Gold or damage in transit.

This warranty will become void if the serial number identification has been wholly or partially removed, altered or erased. Repair or replacement under the terms of this warranty does not extend the terms of this warranty. Should a product prove to be defective in workmanship or material, the consumer's sole remedies will be repair or replacement as provided under the terms of this warranty. Under no circumstances shall Phoenix Gold be liable for loss or damage, direct, consequential or incidental, arising out of the use of or inability to use the product. There are no express warranties other than described above.

CLEANING INFORMATION

Due to Phoenix Gold's extensive use of automotive grade rubber materials, we recommend detailing these rubber components just as you would any other parts of your car.

All rubber parts have been pretreated with Meguiar's brand rubber protectant. This ensures a rich, natural shine for your speakers. Over time if your convertible's rubber parts become dirty or loose some of their luster, simply reapply with Meguiar's rubber protectant. This complex formula includes cleaning agents that help remove dirt and grime and replenish that lush, like new look.

To apply, simply wipe the convertible's rubbers parts (boot, grill, etc) with Meguiar's rubber treatment. Then with a separate clean cloth buff the remaining treatment from the speaker until a lush, natural shine is present on the rubber parts. For a satin finish complete this cleaning process once, for a glossy finish repeat the process twice. Please be careful not to apply excessive pressure on the raised Xenon lettering on the mounting gasket.

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X E N O N

XENON 6.5 AND 5.0 INCH
CONVERTIBLE SPEAKERS

The **Xenon** convertibles were developed from the ground up to compliment the amazing performance of our **Xenon** Series amplifiers. Utilizing cutting edge design techniques, we can deliver a speaker system that provides exceptional musicality at very high drive levels.

All of the motor (Xe.drive) and suspension (Xe.linear) parts have been computer optimized to provide symmetrical driving force in both directions. This translates into very low distortion and exceptional output even as your amplifier is running out of steam.

- Features
- Xe.drive™ magnetic flux regulation circuit ensures ultra low distortion
 - Xe.linear™ Computer optimized motor assembly and suspension technology
 - Xe.flex™ convertibility allows mounting as coaxial or component speaker system
 - Cast aluminum basket
 - 25mm silk dome tweeter
 - X5.0 includes 5x7, 6x9 and 6.0 inch mounting adapters
 - 24dB per octave acoustic crossover
 - Tweeter level adjustment (0dB, +3dB)
 - Tweeter phase adjustment (0°, 180°)
 - A-pillar tweeter location adjustment

- Power Handling
- 300W Peak – 150W Continuous



1. Remove the magnet boot. Unscrew the phase bullet by turning it counterclockwise.



2. Attach the coaxial post to the tweeter by screwing the post to the back of the tweeter. Be sure to route the speaker wire in the notch relief as shown so the coaxial post fits flush against the back of the tweeter.



3. Feed the tweeter wire through the vented pole piece of the midrange and screw on the tweeter (with coaxial post attached) to the midrange by turning it clockwise. **BE CAREFUL NOT TO OVERTIGHTEN.**

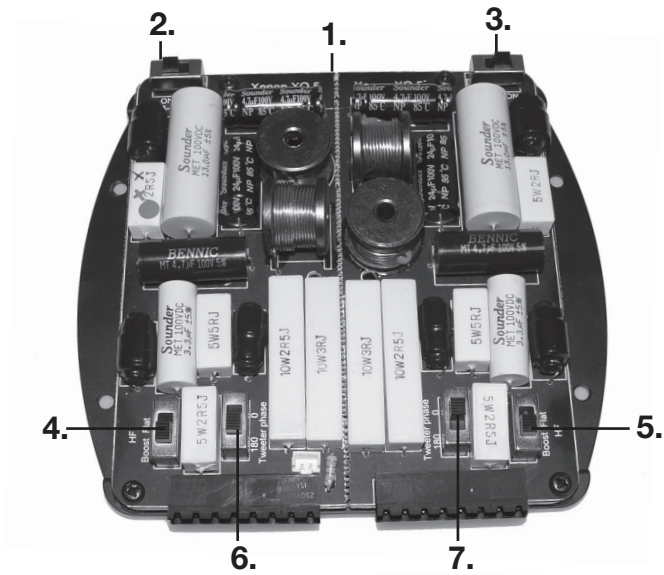


4. Feed the tweeter wire through the hole of the rubber magnet boot.



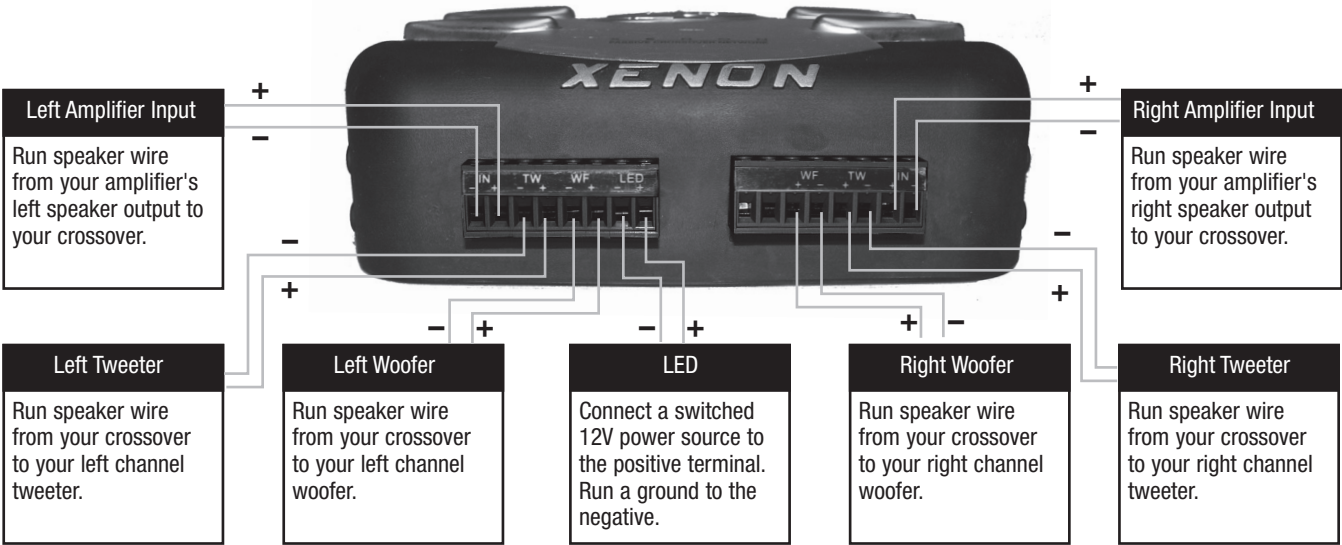
5. Reinstall the rubber magnet boot.

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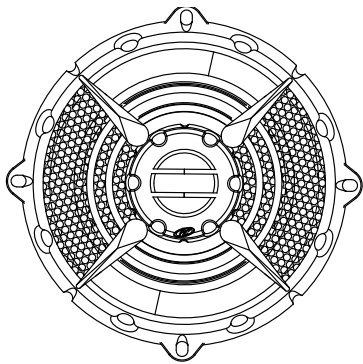
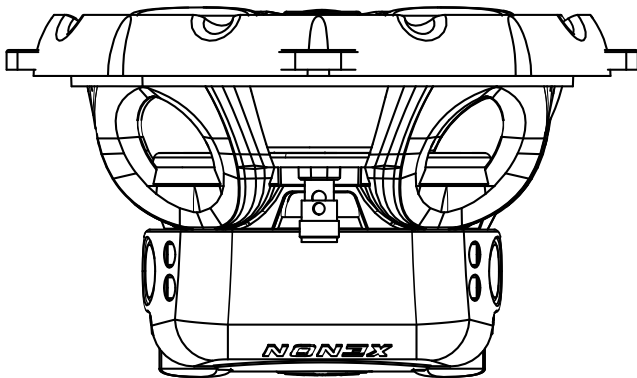


1. Perforated board allows left and right channels to be physically separated
2. Left A-pillar tweeter location adjustment*
3. Right A-pillar tweeter location adjustment*
4. Left tweeter level adjustment (0dB, +3dB)
5. Right tweeter level adjustment (0dB, +3dB)
6. Left tweeter phase adjustment (0°, 180°)
7. Right tweeter phase adjustment (0°, 180°)

* If the tweeters are installed in the A-Pillar or high in the door its recommend the A-Pillar adjustment be engaged. In such installations tweeters are usually now located closer to the listener and reflective surfaces such as glass and vinyl will alter the tweeter's performance. The A-Pillar adjustment corrects these problems by adjusting the phase and frequency response of the speaker system for a smoother and neutral sound.



Note: Left and Right channel wiring terminals are different. YOU MUST CONNECT THE CORRECT TERMINAL TO THE CORRECT CONNECTION. Make sure to keep the polarity correct (positive to positive, negative to negative) when connecting your speaker wire from the crossover to your amplifier.



	X5.0 in / mm	X6.5 in / mm
Mounting Depth	2.57 / 65.4	2.27 / 57.7
Mounting Depth with Boot	2.89 / 73.48	2.6 / 66
Mounting Diameter	5.63 / 143	4.78 / 121.3
Magnet Diameter	3.5 / 88.49	3.13 / 79.4
Magnet Diameter with Boot	4.53 / 115	4.0 / 102
Outer Diameter	6.54 / 166.25	6.00 / 153
Outer Diameter with trim	7.02 / 178.35	6.00 / 153
Overall Depth	2.9 / 73.2	2.6 / 66
Overall Depth with trim/boot	3.9 / 99	3.5 / 88.9

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