...is all you need



SX STREET COMPONENT SPEAKER SERIES

SX SAT

SX 15

SX 3C

SX 4C

SX 5C

SX 6C

SX 46C

SX 69C

CONGRATULATIONS !

You now own an EXCURSION SX Series Component Speaker, the product of an uncompromising design and german engineering philosophy. A product made from Car Audio fanatics who truely believe in the relentless pursuit of perfection.

EXCURSION speakers are the result of several decades of product improvements, competition, innovation and highest quality parts and control standards in industry. When properly installed these speakers will provide you with many years of listening pleasere and are the perfect balance between high fidelity, extreme performance and long-lasting reliabilty.

Should your speaker ever need a service, Please record your information on the following lines to refer to in the event that you may need it later.

Dealer's Name_____

Date of Purchase_____

Installation Shop_____

Installation Date _____

At EXCURSION Intl. we are confident you will have many years of outstanding enjoyment from your high performance investment. For maximum performance we recommend that you have your new EXCURSION SX Speakers installed by an exclusive Authorizied EXCURSION Dealer

To learn more about EXCURSION, please visit us on the World Wide Web at

http://www.excursion.us

CAUTION !

Continous exposure to sound pressure levels in excess of 100dB can cause permanent hearing loss. EXCURSION Speakers are capable of producing sound pressure levels well over 170dB. Please observe all local sound ordinances while listening to your EXCURSION System. EXCURSION Intl. acceptss no liability for hearing loss, bodily injury, or property damage due to the result of use or missuse of this product.

EXCURSION SX SPEAKER FEATURE

2-Layer Black Paper Cone, ADC Finish: The cone and its choice of material effect almost everything in regard to the Sound Quality of the speaker. Paper, one of the most natural materials, deliver with its less on weight an outstanding dynamic and authentic reproduction of the music signal. Along with the stiffening ADC (Active Dynamic Coating) of Cone it finish into the perfect formula for the best high efficient High End OEM Upgrade Replacement Design on the market. This set the benchmark for speakers up to 75 RMS / 225 Watt Music Power Handling.

Phased Plug Dustcap Design: effect in higher resolution of vocal mid section at none axial or difficult OEM speaker position, while reducing unwanted distortion and losses.

DIN sized fully vented Steel Basket: The EXCURSION steel baskets are DIN sized for easy OEM Upgrade Replacement. Their symmetrical design together with the stamped EXCURSION logos ensure outstanding static, aerodynamic and stiffness. Coated with black antivibration colour the baskets are acoustical deaden to provide best results. We at EXCURSION took especially care of maximum cooling of voice coil. All baskets are symmetrical vented below the spider for maximum heat transfer, knowing that a cool voice coil is able to take more power and handle more power.

Voice Coils: The heart of EXCURSION Speakers are those very carefully designed Voice Coils. Using the finest material of pure copper which is precise winded on aluminium formers. Aluminium, one of the best heat-conducting materials and known for best stiffness and less weight, back up the long life of your investment. As the best is still not enough we have pole piece vented all midranges for cooling.

Pure Silk, Soft Dome Tweeter: The outstanding performance of the EXCURSION Tweeters set the biggest difference to the competitors in the Car Audio market. Using the finest materials of Pure silk with perfect EXCURSION lineartiy, the EXCURSION Tweeters love to get compared with the leading audiophile`s in the world.

SX-SAT: We at EXCURSION transfer Competition Know How direct to your car. We created an axial one pc 2way Satelite asure professional sound stage and integration.

One way Hide Away Plug&Play Crossovers: We at EXCURSION have designed the smartest high quality crossover solution possible. We created the smallest sized crossover focus the real importants of best Sound. We are using best parts and cables get plugged in various combinations and cover all standard situations. With our Single way crossovers and range of level resistors your investment is prepared even for demands of Bi-Wiring and individual level tuning within demands of in car position.

Pre-Installation Instructions:

It is recommend that you have your new EXCURSION SX Series Automotive Speakers professionally installed by your authorizied EXCURSION dealer. This will ensure use of proper installation techniques and materials and save much time and efforts. If you choose to perform your own installation, the following instruction will give you direction toward making your purchase complete. Read the following information and precautions carefully. **Failure to follow the stated precautions may result in personal injury or damage the audio system or vehicle.**

A.) Always make sure the speaker will easily fit into the intended mounting location and that there is adequate cavity depth to accept the magnet structure.

B.) Check for adequate clearance between speaker and window, window crank, power window mechanism, seat, glove box, rear deck torsion bars and other items which may interfere with the speaker`s mounting. This is especially important if any hole cutting is required. Complete speaker, mounting size and depth requirements can be found on page 9 of these instructions. A good way to confirm speaker place meet on a door or body panel is to place the speaker`s die cast mounting ring onto the surface. Check for a flat mounting surface, free from all obstruction.

C.) The method of installation choosen and level of execution will effect the overall performance of the EXCURSION Speakers. Thread each installation step with a high degree of attention.

D.) Do not mount the speaker where water may splash the woofer cone. A plastic cup or some heavy gauge plastic sheeting may be needed in some locations that are exposed to moisture from behind the body panel.

E.) Care must be taken to prevent low frequency cancelation caused by air leakage between the front and rear of the speaker (such as when mounted on a curved or uneven surface, or when mounted in an oversized hole)

F.) Mounting panel reinformcement may be necessary in some cases in order to prevent surface flex. This can be achieved by mounting the speaker on a metal or wooden sub-baffle behind the body or door panel.
Consult an installation specialst for further direction.

G.) Unless you are replacing existing speakers of same size, mounting locations will have to be cut into the doors, body panels or rear deck. In some cases speaker mounting holes will be precut in the doors, bodypanels, or rear deck steel. Due to their structural integrity and accessibility. These precut mounting holes should be used whenever possible.

IMPORTANT: Never cut any metal that is an integral part of an automobile`s safety or structural support system.

NOTE: EXCURSION strongly recommends that you operate the complete audio system at low volume before final installation of your SX Series Automotive Loudspeakers. This will allow a trial listening test before securing the loudspeakers into their mounting locations.

CAUTION: Make sure that all speaker wiring is fully protected from cutting or wear. Any short circuits developing as a result could severaley damage the radio unit or amplifier. Make sure that all speaker wires easily reach the speaker terminals without stress on the wire or connectors.

PREPARING FOR INSTALLATION

Note: The tools listed below may be required for proper installation.

* An electtric drill with drill bits
* Phillips-head and standard screwdrivers
* Crimping tool and needle-nose pliers
* Silicon sealant or closed cell weather-stripping
* Metal file, Hole saw, Tin Snips, Wire strippers

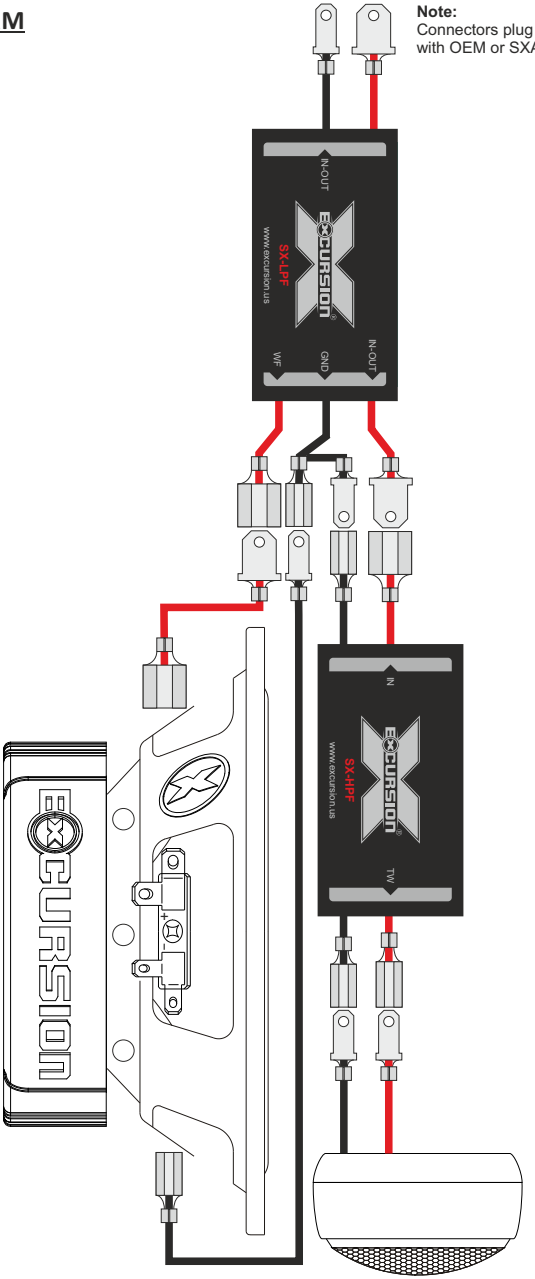
INSTALLATION PRECAUTIONS

Note: Proceed only if you are a qualified installer otherwise let your dealer do it.

* Always wear protective eyewear when using tools
* Turn OFF all stereo and other electrical devices before you begin
* Disconenect the (-) negative lead from your vehicle`s battery.
* Keep the speakers in the package until final installation.
* Locate fuel lines, brake lines, oil lines, electrical cables when planning installation.
* Check to see clearance behind the mounting surface before installing speakers.
* When running speaker wires through sheet metal, be sure to use gromments to properly insualte the wires from metal edges.

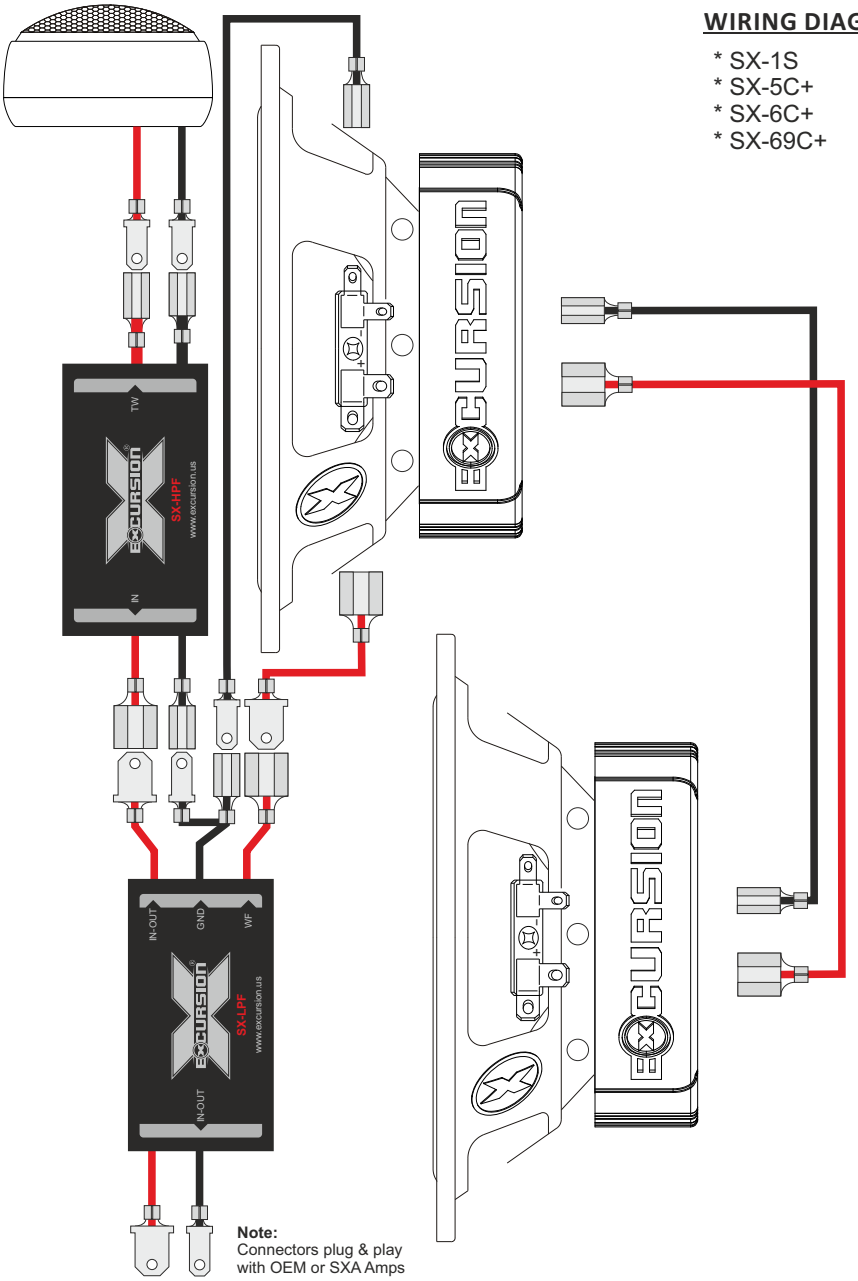
WIRING DIAGRAM

* SX-1S
* SX-3C
* SX-4C
* SX-5C
* SX-6C
* SX-46C
* SX-69C



WIRING DIAGRAM

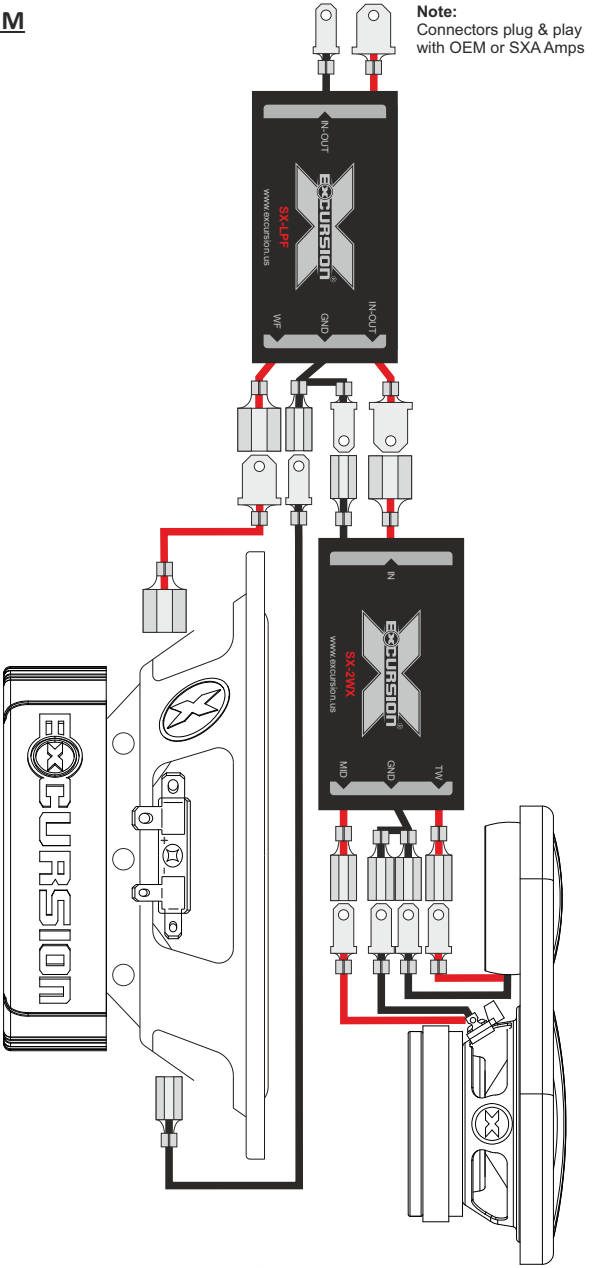
* SX-1S
* SX-5C+
* SX-6C+
* SX-69C+



Note:
Connectors plug & play
with OEM or SXA Amps

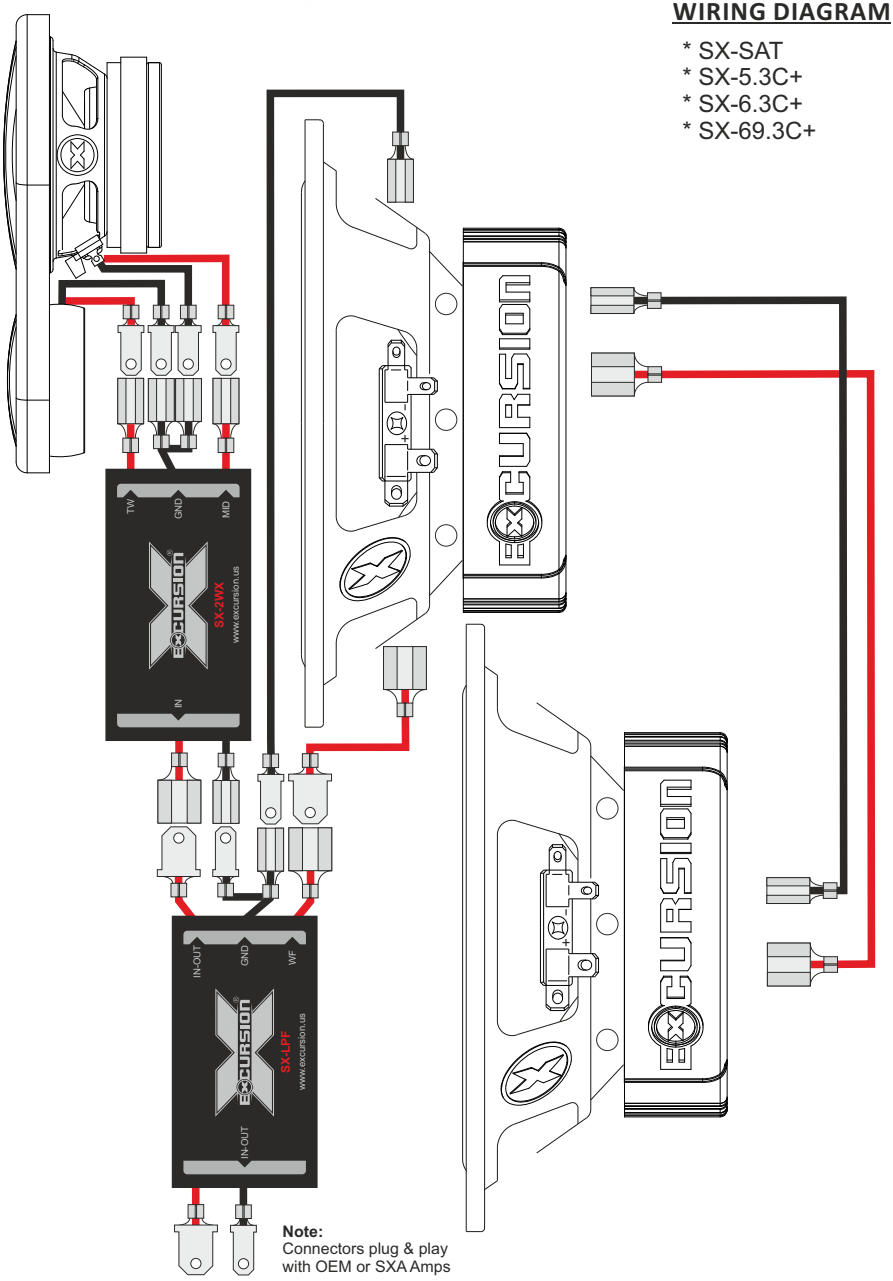
WIRING DIAGRAM

* SX-SAT
* SX-5.3C
* SX-6.3C
* SX-69.3C



WIRING DIAGRAM

* SX-SAT
* SX-5.3C+
* SX-6.3C+
* SX-69.3C+



Note:
Connectors plug & play
with OEM or SXA Amps

SPECIFICATIONS FOR EXCURSION SX SERIES SPEAKERS

(Due to Constant Improvements, Specifications and Parameters are subject to change without notice)

Model	Size	Nominal Impedance	Frequency Response	[illegible]	Magnet Size	Mounting Depth	Power RMS/Peak	2 / 3 WAY
SX-1S	1"	4Ohm	3KHz-20KHz	91dB	Neodym	19mm	50W/100W	1
SX-SAT	2.75"	4Ohm	400Hz-20KHz	90dB	3 oz.	32mm	50W/100W	2
SX-3C	3.5"	4Ohm	75Hz-20KHz	87dB	4 oz.	39mm	40W/100W	2
SX-4C	4"	4Ohm	65Hz-20KHz	88dB	6 oz.	48mm	50W/125W	2
SX-46C	4x6"	4Ohm	65Hz-20KHz	88dB	6 oz.	50mm	50W/125W	2
SX-5C	5.25"	4Ohm	60Hz-20KHz	89dB	8 oz.	51mm	60W/150W	2
SX-5C+	5.25"	2Ohm	50Hz-20KHz	92dB	8 oz.	51mm	120W/250W	2
SX-5.3C	5.25"	4Ohm	60Hz-20KHz	89dB	8 oz.	51mm	60W/150W	3
SX-5.3C+	5.25"	2Ohm	50Hz-20KHz	92dB	8 oz.	51mm	120W/250W	3
SX-6C	6.5"	4Ohm	55Hz-20KHz	90dB	10 oz.	57mm	75W/200W	2
SX-6C+	6.5"	2Ohm	45Hz-20KHz	93dB	10 oz.	57mm	150W/300W	2
SX-6.3C	6.5"	4Ohm	55Hz-20KHz	90dB	10 oz.	57mm	75W/200W	3
SX-6.3C+	6.5"	2Ohm	45Hz-20KHz	93dB	10 oz.	57mm	150W/300W	3
SX-69C	6x9"	4Ohm	50Hz-20KHz	92dB	10 oz.	65mm	75W/200W	2
SX-69C+	6x9"	2Ohm	40Hz-20KHz	95dB	10 oz.	65mm	150W/300W	2
SX-69.3C	6x9"	4Ohm	50Hz-20KHz	92dB	10 oz.	65mm	75W/200W	3
SX-69.3C+	6x9"	2Ohm	40Hz-20KHz	95dB	10 oz.	65mm	150W/300W	3

Note: Grills are included at 6x9" models

EXCURSION LIMITED WARRANTY POLICY

EXCURSION Intl. offers limited warranty on EXCURSION products under normal use on the following terms:

EXCURSION Speakers are to be free of defects in material and workmanship for a period of one year.

This warranty applies only to EXCURSION products sold to consumers by Authorizied EXCURSION Dealers in Germany. Products purchased by consumers from an EXCURSION dealer in another country are covered only by that country´s Distributor and not by EXCURSION Intl.

This warranty covers only the original purchaser of EXCURSION product. In order to receive service, the purchaser must provide EXCURSION with the receipt stating the consumer name, dealer, product and date of purchase.

Products found to be defective during the warranty period will be repaired or replaced (with a product deemed to be equivalent) at Excursion`s discretion and will not be liable for incidental or consequential damages. EXCURSION will not warranty this product under the following situations:

*** Speakers received with bent frames or water damages**
*** Abuse such as holes in the cone, surround or ripped spider**
*** Voice coil damage due to amplifier clipping or distortion**
*** Product that has not been installed according to this owner manual**

Any implied warranties including warranties of fitness for use and merchantability are limited in duration to the period of the express warranty set forth above. No person is authorizied to assume for EXCURSION any other liability in connection with the sale of this product.

Please call prior your authorizied EXCURSION dealer the product got purchased. In case they are not accessible call 0961-416-0420 for EXCURSION Customer Service. You must obtain an RA# (Return Authorization Number) to return any product to EXCURSION Intl. The RA number must be prominently marked on the outside of the shipping carton or the delivery will be refused.
Please pack your return carefully! We are not responsibile for items damaged in shipping.
Return the defective product along with a copy of the original dated retail sales receipt, plus 10,- EUR for handling and diagnostic evaluation to:

EXCURSION Intl. - A Division of CHPW
Attn: Returns (RA# .....)
Neustaedter Str. 20
D-92685 Floss / Germany



EXCURSION - A Division of CHPW
All Rights reserved - Intl. Trademark No: 010 640 597

Friedrich-Ebert-Str. 42 - D-92637 Weiden / Germany
Tel: (+49) 961-416 04 20 - Fax: (+49) 961-46 04 41

EXCURSION.US

EASCA
EUROPEAN AUTO SOUND ASSOCIATION