



X-SERIES
COMPONENT
SPEAKERS

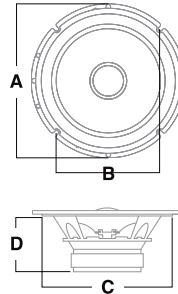
XSP65KIT

USER MANUAL



THANK YOU FOR CHOOSING NVX

Thank you for choosing NVX X-Series speakers for your car. Whether you are an established audio guru or replacing your speakers for the first time, you will soon be immersed in the nuance and warmth of your music like never before. Like all NVX products, X-Series speakers are a product of extensive research, development, and real world testing to ensure that they exceed our customer's expectations for durability and performance.



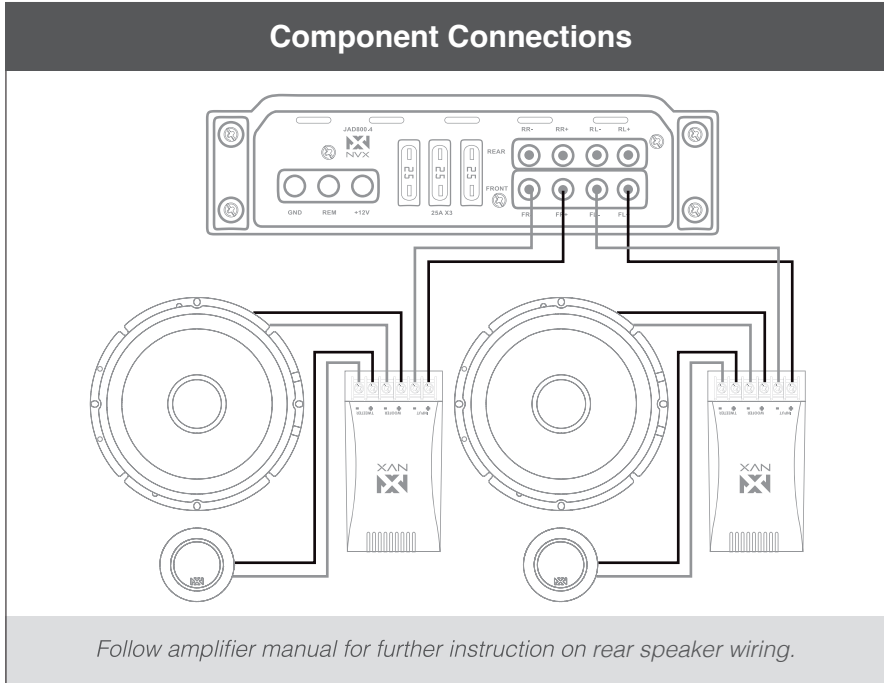
XSP65KIT

SPECIFICATIONS

| X-SERIES | XSP65KIT |
|------------------------------|-----------------------------|
| Power RMS/Peak Each | 100W / 300W |
| Nominal Impedance | 4 Ω |
| Frequency Response | 40 Hz - 21 KHz |
| Sensitivity | 92 dB |
| Xmax | 5.5 mm |
| Voice Coil Resistance (Re) | 3.6 Ω |
| Free Air Resonance (Fs) | 39 Hz |
| Equivalent Compliance (Vas) | 20.39 L |
| Electrical "Q" (Qes) | 0.600 |
| Mechanical "Q" (Qms) | 3.250 |
| Total Speaker "Q" (Qts) | 0.507 |
| Moving Mass (Mms) | 9.5714 g |
| Mechanical Compliance (Cms) | 0.8289 |
| Magnetic Strength (BL) | 4.51 |
| Effective Piston Area (Sd) | 20.61 sq. in (0.0133 sq. m) |
| Cone Composition | Carbon Fiber |
| Speaker Surround | Rubber |
| Speaker Voice Coil Diameter | 30mm (1-3/16 in) |
| Tweeter (Composition / Type) | Silk Dome |
| Tweeter Diameter | 25mm (1 in) |

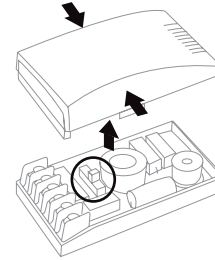
| DIMENSIONS | Midwoofer |
|----------------------|---------------------|
| A. Overall Diameter | 6.54" (166 mm) |
| B. Mounting Diameter | 6.16" (156.5 mm) |
| C. Cutout Diameter | 5.71" (145 mm) |
| D. Mounting Depth | 2.52" (64 mm) |

INSTALLATION DIAGRAMS



INSTALLING THE CROSSOVER

The crossover should be mounted using either screws or double-sided tape in a dry, sufficiently ventilated area. To open the crossover, simply squeeze the sides of the cover and remove gently. It is recommended that you route the cables prior to mounting the crossover to simplify the installation process.



TWEETER LEVEL ADJUSTMENT

There is a toggle switch located inside of the crossover which allows the listener to attenuate (lower) the tweeter by -3 dB. This gives the user the ability to adjust the intensity of the tweeter to suit their own preferences, as well as to compensate for variations in tweeter location.

WARRANTY

NVX warrants to the original retail purchaser that this product is to be free from defective materials and workmanship for a period of one (1) year from the date of purchase, if it is properly used and maintained. If this product proves defective in either material or workmanship, NVX, at its discretion, will (a) repair the product, or (b) replace the product, at no charge for parts or labor. If the product model is no longer available and cannot be repaired effectively or replaced with an identical model, NVX at its sole option may replace the unit with a current model of equal or greater value. To obtain a repair or replacement under the terms of this warranty, please return to dealer first, if possible, and the dealer will direct you accordingly for repairs or replacement. You will be required to submit a copy of the original receipt. Return shipping for exchanges/repairs is the sole responsibility of the original retail purchaser.

LIMITATIONS:

- This limited warranty does not cover failure of the product resulting improper installation, misuse, abuse, accident, neglect, mishandling, or wear from ordinary use or environmental deterioration.
- This limited warranty does not cover cosmetic damage, including paint damage, or consequential damage to ordinary use or environmental deterioration.
- This limited warranty does not cover cosmetic damage, including paint damage, or consequential damage to other components or premises which may result for any reason from the failure of the product.
- This limited warranty is null and void for products not used in accordance with NVX's instructions.
- This limited warranty is null and void for products with altered or missing serial numbers and for products not purchased from an authorized dealer.
- This limited warranty terminates if you sell or otherwise transfer this product to another party.
- This limited warranty is null and void for any speaker or subwoofer that has been damaged due to over-powering causing burnt voice coils and /or mechanical failures such as ripped spiders or surrounds.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE, JURISDICTION TO JURISDICTION, OR COUNTRY TO COUNTRY. NVX'S RESPONSIBILITY FOR MALFUNCTIONS AND DEFECTS IN HARDWARE IS LIMITED TO REPLACEMENT OR REPAIR AS SET FORTH IN THIS WARRANTY STATEMENT. ALL EXPRESS AND IMPLIED WARRANTIES FOR THE PRODUCT, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN TIME TO THE TERM OF THIS WARRANTY. SOME STATES, JURISDICTIONS, OR COUNTRIES DO NOT ALLOW THE EXCLUSION OF CERTAIN IMPLIED WARRANTIES OR CONDITIONS, OR LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY OR CONDITION LASTS, SO THIS LIMITATION MAY NOT APPLY TO YOU. NVX DOES NOT ACCEPT LIABILITY FOR SPECIAL, INDIRECT, CONSEQUENTIAL, OR INCIDENTAL DAMAGES, INCLUDING WITHOUT LIMITATION, ANY LIABILITY FOR THIRD PARTY CLAIMS AGAINST YOU FOR DAMAGES OR FOR PRODUCTS NOT BEING AVAILABLE FOR USE. THE MAXIMUM LIABILITY FOR WHICH NVX MAY BE RESPONSIBLE WILL BE NO MORE THAN THE AMOUNT YOU PAID FOR THE PRODUCT THAT IS THE SUBJECT OF THE CLAIM. SOME STATES, JURISDICTIONS, OR COUNTRIES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

Warranty Outside the U.S.

The Warranty on this product shall comply with applicable law when sold to a consumer outside of the United States. To obtain any applicable warranty service, please contact the dealer from which you purchased this product, or the distributor that supplied this product.

WHAT TO DO IF YOU NEED WARRANTY OR SERVICE

Defective products should be returned to the place of purchase. Your authorized NVX dealer is trained to handle and expedite any warranty claim. Assistance in locating an authorized dealer can be found at nvx.com or by contacting NVX directly.

Alternatively, if it becomes necessary for you to return defective product directly to NVX, please refer to the following instructions for warranty service:

- Receive your RA Number from NVX online at nvx.com/support
- Package all defective components in the original packaging (if available) or in a package that will prevent shipping damage.
- Package the original packaging in an additional shipping container to avoid shipping damages and to comply with most shipping couriers such as UPS and FedEx.
- Insure your return at the price paid as NVX is not responsible for insurance losses or damages occurring in shipment to our facility.
- Clearly mark RA Number on the outside shipping container.
- Return only defective components as the return of functioning items increases your return freight charges.
 - Non-defective returns or products not eligible for warranty service will be returned freight collect.
- Include a copy of the original receipt with the purchase date clearly visible, and a "proof-of-purchase" statement listing the customer's name, dealer's name and invoice number, and product purchased.
 - Warranty expiration on items without proof-of-purchase will be determined from type of sale and the manufacturing date code.
- Ship your package freight prepaid to the address below. Items sent freight collect or COD will be refused.

NVX
Attn: Returns
10645 Freeport Dr.
Louisville, KY 40258-1873

Failure to follow the steps listed above may void your warranty. Any questions can be directed via email to cs@nvx.com or via mail at the address listed above.

NOTES

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|---------------------------------|
| Authorized Dealer's Name: _____ |
| Purchase Date: _____ |
| Model Number: _____ |
| Serial Number: _____ |



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