



**S-SERIES
SUBWOOFERS**

SMW10D4	SMW12D4
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USER MANUAL



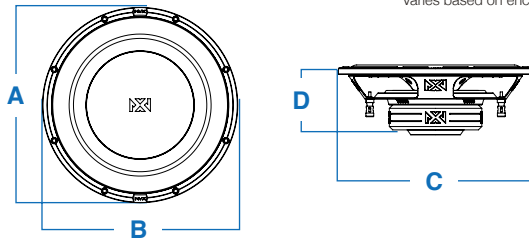
THANK YOU FOR CHOOSING NVX

Congratulations on the purchase of your new NVX component subwoofer. The S-Series subwoofer you hold in your hands is the culmination of extensive research, development, and real-world testing process. While this isn't the easiest way to build a sub, the time and personal attention we dedicate reflects in the quality and performance of the finished product. We are proud to build NVX subwoofers and are confident you will be proud to own one.

SPECIFICATIONS

S-SERIES	SMW10D4	SMW12D4
Power range (RMS)	350 W	400 W
Voice coil(s)	Dual	Dual
Voice coil diameter	2"	2.5"
Impedence per voice coil	4 Ohm	4 Ohm
Frequency response	25 - 350 Hz	25 - 350 Hz
Xmax	8 mm	8 mm
Fs	35.83 Hz	29.1 Hz
Vas	34.71 L	64.86 L
Sd	53.6 in ² / 0.0346 m ²	79.2 in ² / 0.0511 m ²
Qts	0.5525	0.5734
Qes	0.6216	0.6448
SPL (2.83V/1M)	88 dB	88 dB
Re	6.4 Ohm	6.4 Ohm
Qms	4.9677	5.1827
Net weight	8.4 lb	11 lb
A Overall Diameter	10.125"	12.3125"
B Mounting Diameter	9.75"	11.75"
C Cutout Diameter	9.25"	11.375"
D Mounting Depth	3.25"	3.9375"

Varies based on enclosure type and volume. See page 3.



S-Series subwoofers incorporate features designed to optimize performance, durability, and usability in a real automotive environment, including:

- Ultra-Light & Durable Polypropylene Cone With a Reinforced Carbon Fiber Dust Cap**
 Stiff and lightweight material allows the subwoofer to remain accurate and responsive even at high volume levels.
- A Versatile Shallow Mounting Depth Design**
 The S-Series woofers are NVX's first-ever true shallow mount subwoofers. These subwoofers allow you to install them in a much smaller box that will take up far less space in your trunk or hatch.
- Up to a 2.5" High-Temperature Aluminum Voice Coil**
 The 2" or 2.5" voice coil provides robust power handling capabilities and excellent heat dissipation.
- Chrome-Plated, Spring-Loaded Push Terminals**
 Simple and secure installation.



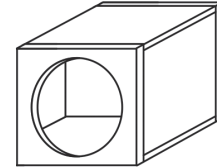
ENCLOSURES

The enclosure designs listed will give you the best possible performance from your S-Series subwoofer.

SEALED BOX

Sealed boxes are the enclosure type we recommend for optimum performance of your S-Series Subwoofer.

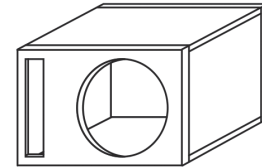
A sealed enclosure offers improved acoustic suspension and cone control, which reduces distortion and improves accuracy. They are smaller than their ported counterparts and offer flatter bass responses with more consistency across the frequency range.



S-SERIES	SMW10D4	SMW12D4
Recommended Enclosure Volume	.75 cubic feet / 21L	1.2 cubic feet / 34L
QTC	0.797	0.854
F3 (Hz)	52.8	42.8

PORTED BOX

A ported box features a vent or port to couple the woofer's back wave with the front wave. This results in markedly improved efficiency and low-frequency response. These enclosures are somewhat larger than the sealed alternative.



S-SERIES	SMW10D4	SMW12D4
Recommended Enclosure Volume	1.25 cubic feet / 35.5L	1.75 cubic feet / 50L
Fb (Hz)	34	34
FC (Hz)	33.1	31.3

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.

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



Visit: nvx.com | Call: 502.200.8010 | 10645 Freeport Dr, Louisville, KY 40258

