




## Soundstream R5.122 DVC Subwoofer User Manual

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**Soundstream R5.122 DVC Subwoofer**



REGISTER YOUR WARRANTY FOR THIS SOUNDSTREAM PRODUCT ONLINE AND RECEIVE SPECIAL OFFERS & NEW PRODUCT UPDATES!!!



In today's world, where styling and sex appeal often guide your buying decisions, performance is often compromised or even lost in favor of cosmetic treatment. At SOUNDSTREAM, you, our customers expect more for your hard earned dollars. Not only do you want products with outstanding cosmetic styling, you EXPECT performance. The highest performance that you have come to know and love from products bearing the SOUNDSTREAM brand. You expect our products to be the pinnacle, the reference, which raises the bar and sets a new standard of outstanding performance coupled with edgy, aggressive cosmetic design. Why just settle for a pretty face or an ugly sister? SOUNDSTREAM REFERENCE series subwoofers answer the call.

## FEATURES, PARAMETERS, & SPECIFICATIONS

### Features

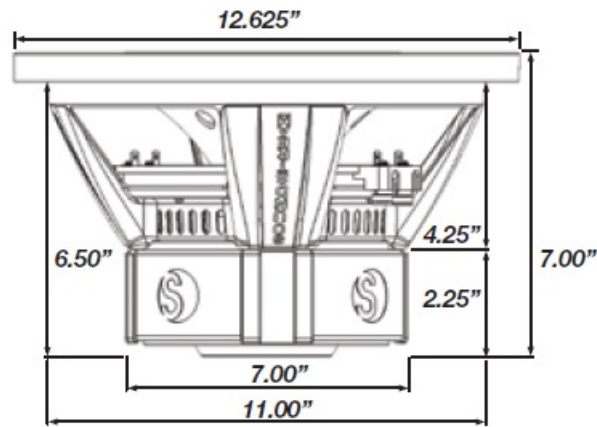
- Third Generation Soundstream Reference Frame
- Oversaturated Motor Structure for Increased Magnetic Strength

- 12mm Vented T-Yoke & Top Plate Improve Low-Frequency Dynamics
- 317oz Double Stack Magnet, T-Yoke & Top Plate
- 2.5" 4-Layer Voice Coil with Large Gauge Wire Increases Power Handling
- High-Temperature Tolerance Adhesives Resist Thermal Failure
- Inverted Roll Polyether Foam Surround with UV & Chemical Protection
- Oversized Concave IMPP Primary Cone Increases Effective Surface Area
- Spruce Pulp Cone with UV & Chemical Protection
- Polyvinyl Chloride Gasket & Trim Ring
- Nickel-plated 12ga Spring-Loaded Compression Wire Terminals
- Stitched Voice Coil Leads Prevent Potential Damage
- Dual Poly-Cotton Suspension Dampens Violent Accelerations

## Specifications

Specification	R5.122	R5.124
Fs (Hz)	24.82	25.79
Qms	5.00	4.81
Vas (L)	81.43	84.52
Cms (mm/N)	.191	.199
Mms (g)	216.37	191.86
Xmax (mm)	15	
Xmech (mm)	30	
Qes	.53	.56
Re ( $\Omega$ )	3.61	7.23
Z ( $\Omega$ )	4	8
BL (Tm)	15.21	19.97
MAX Power	2,000w	
RMS Power	1,000w	
Qts	.48	.50
Efficiency (1w/1m)	85.60dB	85.98dB
Impedance	DVC 2 $\Omega$	DVC 4 $\Omega$

## PARAMETERS



## INSTALLATION

### ENCLOSURE DESIGN AND WOOFER INSTALLATION

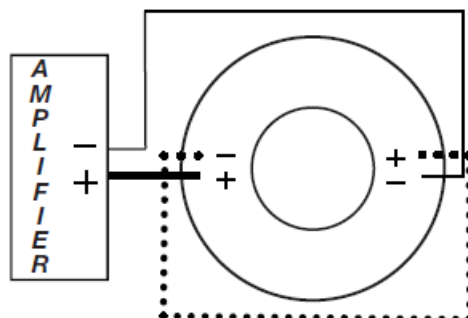
- Vehicle conditions, amplifier, music preferences, & other variables make it difficult to give you exact dimensions for an enclosure design. For enclosure designs tailored to your specific needs, please contact us at tech-support@soundstream.com, or 1-800-724-1377.
- All enclosures should be made of .75" (3/4") material only. When possible, make the baffle 1.5" (1 1/2) thick and add .75" (3/4") to the depth of the enclosure to compensate. All volumes INCLUDE vent/port and subwoofer displacements.
- DO NOT change the volume unless you plan on adding a substantial amount of bracing. For added performance, applying a coat of fiberglass resin to the interior walls will greatly improve sealing the enclosure. Adding a thin layer of poly-fill will improve response by smoothing out reflections within the enclosure.

Below are recommended enclosure designs and their expected performance:

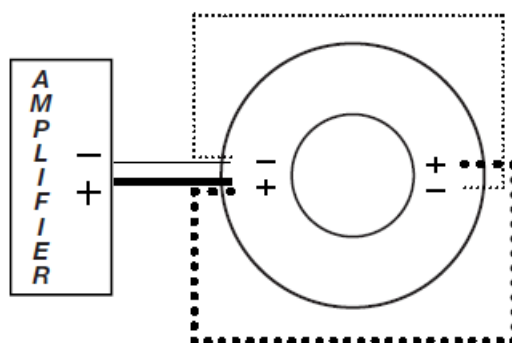
	Recommended Sealed Enclosures			Recommended Ported Enclosures		
	Airspace	QTC	Tuning	Airspace	Round Port	Tuning
Min.	0.75 ft <sup>3</sup>	.884	52.5 Hz	1.75 ft <sup>3</sup>	4" x 15.25"L	33.3 Hz
Opt.	1.00 ft <sup>3</sup>	.785	50.3 Hz	2.00 ft <sup>3</sup>	4" x 14.5"L	31.1 Hz
Max.	1.25 ft <sup>3</sup>	.725	49.5 Hz	2.25 ft <sup>3</sup>	4" x 14"L	29.3 Hz

1 R5.122 wired for 40Ω

1 R5.124 wired for 80Ω

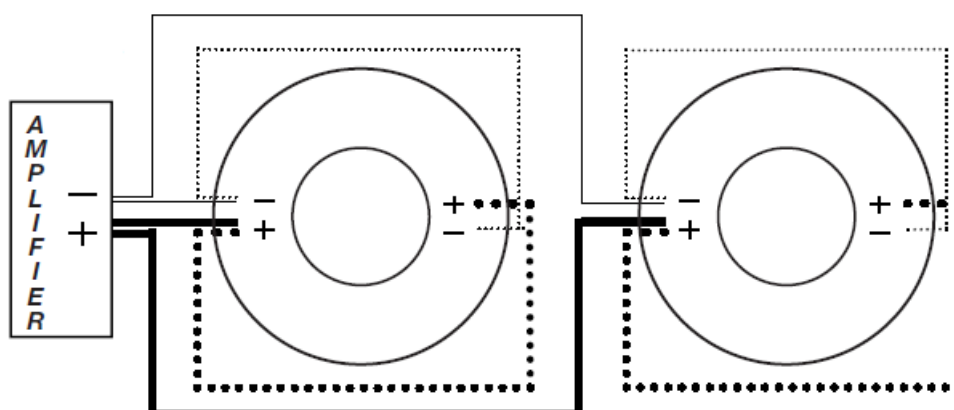


- 1 R5.122 wired for  $10\Omega$
- 1 R5.124 wired for  $20\Omega$



- 2 R5.122 wired for  $.5\Omega$

- 2 R5.124 wired for  $1\Omega$



## WARRANTY

### LIMITED 90-DAY CONSUMER WARRANTY

LIMITED TWO-YEAR CONSUMER WARRANTY WITH PURCHASE AND INSTALLATION BY A SOUNDSTREAM AUTHORIZED RETAILER

Soundstream promises to the original purchaser to repair or replace this product with a new or refurbished unit (at Soundstream's sole and absolute discretion) should it prove to be defective in workmanship or material under normal use, for a period of two years from the date of purchase from the Soundstream authorized retailer, PROVIDED the product was purchased and installed by a Soundstream authorized retailer. During this two-year period, there will be no charge for product repair or replacement, PROVIDED the unit is returned to Soundstream, return shipping pre-paid, along with the required proof of installation, the bill of sale, or other dated proof of purchase, and the consumer's contact information.

If the unit is installed by anyone other than a Soundstream authorized retailer, the warranty period will be 90 days from the date of purchase. This warranty is nontransferable and does not apply to any unit that has been modified or used in a manner contrary to its intended purpose and does not cover damage to the unit caused by installation or removal of the unit. During this 90-day period, there will be no charge for the repair or replacement PROVIDED the unit is returned to Soundstream, return shipping prepaid, along with the bill of sale or other dated proof of purchase and the consumer's contact information.

This warranty is void if the product has been damaged by accident or unreasonable use, neglect, improper service, or other causes not arising out of defects in materials or construction. This warranty does not cover the elimination of externally generated static or noise, or the correction of antenna problems or weak reception, damage to speakers, accessories, electrical systems, cosmetic damage, or damage due to negligence, misuse,

failure to follow operating instructions, accidental spills, or customer-applied cleaners, damage due to environmental causes such as floods, airborne fallout, chemicals, salt, hail, lightning, or extreme temperatures, damage due to accidents, road hazards, fire, theft, loss, or vandalism, damage due to improper connection to equipment of another manufacturer, modification of existing equipment, or Product that has been opened or tampered with for any reason. Units that are found to be damaged by abuse resulting in thermally damaged voice coils are not covered by this warranty but may be replaced at the absolute and sole discretion of Soundstream. The unit must be returned to Soundstream, postage prepaid, with a bill of sale or other dated proof of purchase bearing the following information: consumer's name, telephone number, and address, authorized retailer's name and address, and product description. Please contact the Soundstream warranty office at 800-724-1377, email [repairs@soundstream.com](mailto:repairs@soundstream.com), or visit [Soundstream.com/warranty](http://Soundstream.com/warranty) to obtain a Return Authorization Number prior to shipping the product.

**Note:** This warranty does not cover labor costs for the removal and reinstallation of the unit.

IN ORDER FOR THE TWO-YEAR WARRANTY TO BE VALID, YOUR UNIT MUST BE SHIPPED WITH PROOF OF PURCHASE & INSTALLATION BY A SOUNDSTREAM AUTHORIZED RETAILER. ALL UNITS RECEIVED BY SOUNDSTREAM FOR WARRANTY REPAIR WITHOUT PROOF OF SOUNDSTREAM AUTHORIZED DEALER INSTALLATION AND PURCHASE WILL BE COVERED BY THE LIMITED 90-DAY WARRANTY.

BY PURCHASING THIS PRODUCT, ALL WARRANTIES INCLUDING BUT NOT LIMITED TO EXPRESS WARRANTY, IMPLIED WARRANTY, WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, AND WARRANTY OF NON-INFRINGEMENT OF INTELLECTUAL PROPERTY ARE EXPRESSLY EXCLUDED TO THE MAXIMUM EXTENT ALLOWED BY LAW, AND SOUNDSTREAM NEITHER ASSUMES NOR AUTHORIZES ANY PERSON TO ASSUME FOR IT ANY LIABILITY IN CONNECTION WITH THE SALE OF THE PRODUCT. SOUNDSTREAM HAS ABSOLUTELY NO LIABILITY FOR ANY AND ALL ACTS OF THIRD PARTIES INCLUDING ITS AUTHORIZED DEALERS OR INSTALLERS. BY PURCHASING THIS PRODUCT, THE CONSUMER AGREES AND CONSENTS THAT ALL DISPUTES BETWEEN THE CONSUMER AND SOUNDSTREAM SHALL BE RESOLVED IN ACCORDANCE WITH CALIFORNIA LAWS IN LOS ANGELES COUNTY, CALIFORNIA.

Some states do not allow limitations on how long an implied warranty lasts. In such states, the limitation or exclusions of this Limited Warranty may not apply. Some states do not allow the exclusion or limitation of incidental or consequential damages. In such states, the exclusion or limitation of this Limited Warranty may not apply to you. This Limited Warranty gives you specific legal rights, and you may have other rights that vary from state to state.

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## FAQs

What makes the Soundstream R5.122 DVC Subwoofer stand out from the rest?

The Soundstream R5.122 DVC Subwoofer offers a perfect blend of exceptional cosmetic styling and high-performance audio. It's designed to deliver outstanding sound quality while maintaining an edgy and aggressive design.

How do I ensure that my Soundstream R5.122 Subwoofer is covered by the two-year warranty?

To qualify for the two-year warranty, your unit must be purchased and installed by a Soundstream authorized retailer. Ensure that you keep proof of both purchase and installation to validate your warranty.

Can I install the Soundstream R5.122 Subwoofer myself, or does it require professional installation?

While you can install the subwoofer yourself, it is recommended to have it installed by a Soundstream authorized retailer to qualify for the full two-year warranty. Professional installation ensures proper setup and can enhance the subwoofer's performance.

Does the warranty cover damage caused by accidents or environmental factors like floods or extreme temperatures?

No, the warranty does not cover damage caused by accidents, environmental factors, or improper use. This includes damage due to floods, hail, lightning, extreme temperatures, accidents, or any external causes not related to defects in materials or construction.

Can I modify the Soundstream R5.122 Subwoofer without voiding the warranty?

Modifying the subwoofer or opening it for any reason will void the warranty. It's important to refrain from any alterations to ensure warranty coverage.

Are labor costs covered for the removal and reinstallation of the unit under warranty?

No, labor costs for removing and reinstalling the unit are not covered by the warranty.

What happens if I don't register my warranty online?

While online registration is recommended for special offers and updates, it is not mandatory for warranty coverage. The warranty is still valid if the product was purchased and installed by a Soundstream authorized retailer.

What is the maximum power handling capacity of the Soundstream R5.122 Subwoofer?

The Soundstream R5.122 Subwoofer has a maximum power handling capacity of 2,000 watts.

What is the RMS (Root Mean Square) power rating for the Soundstream R5.122 Subwoofer?

The RMS power rating for the Soundstream R5.122 Subwoofer is 1,000 watts.

Can I wire multiple Soundstream R5.122 Subwoofers together for a custom setup?

Yes, you can wire multiple R5.122 Subwoofers together to achieve different impedance levels. The user manual provides guidance on wiring configurations for various setups.

Is the Soundstream R5.122 Subwoofer suitable for sealed or ported enclosures?

The subwoofer is versatile and can be used in both sealed and ported enclosures. The user manual provides recommended enclosure designs and specifications for optimal performance.

What is the warranty period if I install the Soundstream R5.122 Subwoofer myself or have it installed by a non-authorized retailer?

If the unit is not installed by a Soundstream authorized retailer, the warranty period is 90 days from the date of purchase. It's recommended to have it installed professionally to qualify for the full two-year warranty.

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