

# RE AUDIO

## REX v2 Subwoofers

SINGLE VOICE COIL

# OWNER'S MANUAL



## BUILT FOR BRUTALITY!



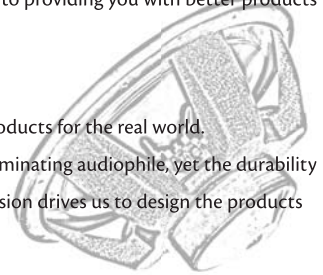
# THANK YOU FOR CHOOSING REAUDIO!

Thank you for choosing RE products. It is our commitment to provide our valued customers with the best products in the mobile audio industry and we want to reaffirm that your satisfaction is our number one priority. You'll see our commitment to your satisfaction in our ongoing dedication to providing you with better products and services.

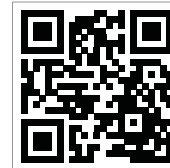
RE Audio was founded by audio enthusiasts for audio enthusiasts.

We understand the uses (and often abuses) in autosound and engineer products for the real world.

Our products have the finesse and sound quality to please the most discriminating audiophile, yet the durability to stand up to the extreme abuses of SPL competition. Here at RE, our passion drives us to design the products that we want to use.



Again, we thank you for choosing RE Audio.



defining a new generation!™

TEAM RE AUDIO



## Specifications

	<u>REX8s4 v2</u>	<u>REX10s4 v2</u>	<u>REX12s4 v2</u>
Electrical Q Value [Qes]	0.44	0.62	0.83
Mechanical Q Value [Qms]	8.36	5.60	5.37
Total Speaker Q Value [Qts]	0.42	0.56	0.72
Free Air Resonance [Fs], Hz	24.5	23.86	24.12
Equivalent Compliance [Vas], liters/ft <sup>3</sup>	23.9/0.84	48.16/1.70	69.82/2.46
One-Way, Linear Excursion [Xmax], mm	13	13	13
Efficiency [SPL 1W/1m], dB	82.63	84.35	84.54
DC Resistance Per Coil [Re], Ohm	3.74	3.59	3.69
Nominal Impedance(single) [Znom]	4	4	4
Thermal Power Handling [Pe], Watts	200	200	200
Force Factor [Bl]	11.95	11.62	12.36



## Enclosure Info

### (Sealed enclosure application)

REXs4 v2 Series subwoofers perform well in any size sealed enclosure between the compact and standard recommendations. The "Compact" recommendation produces high impact "tight" bass response as exhibited by Rock, Heavy Metal, Jazz and Classical music. The standard recommendation offers lower bass extension as is more exhibited by Hip Hop, R&B and Dance type music.

	<u>REX8s4 v2</u>	<u>REX10s4 v2</u>	<u>REX12s4 v2</u>
Sealed (Compact), liters/ft <sup>3</sup> (Gross Internal Volume)*	12.46/0.44	24.35/0.86	31.72/1.12
Sealed (Standard), liters/ft <sup>3</sup> (Gross Internal Volume)*	18.41/0.74	25.49/1.0	48.48/1.62
Volume displacement of driver(Vd), liters/ft <sup>3</sup>	2.55/0.09	3.11/0.11	3.40/0.12

\*INCLUDES VOLUME DISPLACEMENT OF THE DRIVER.



# Enclosure Info

## (Ported enclosure application)

The compact design increases bass output and low frequency extension over that of the sealed box recommendations.

The larger size standard recommendation has an even greater increase in bass output and low bass extension.

The Standard ported recommended enclosure size is a very practical size recommendation. Being able to increase the size of the enclosure from that of the listed recommendations often results in even greater bass output. If you have more volume to build an enclosure than what is listed here, please contact RE Audio technical support to determine if using a larger enclosure (custom) will give the desired or improved results for your application.

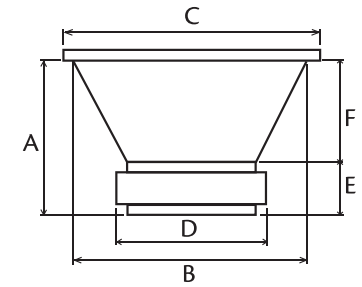
	<u>REX8s4 v2</u>	<u>REX10s4 v2</u>	<u>REX12s4 v2</u>
Ported (Compact), liters/ft <sup>3</sup> (Gross Internal Volume)*	<b>32.28/1.14</b>	<b>32.28/1.14</b>	<b>48.99/1.73</b>
Port Area, cm <sup>3</sup> /in <sup>3</sup>	<b>45.16/7.0</b>	<b>45.16/7.0</b>	<b>81.10/12.57</b>
Port Length, cm/in	<b>31.93/12.57</b>	<b>31.93/12.57</b>	<b>40.64/16.0</b>
Volume of port displacement, liters/ft <sup>3</sup>	<b>1.42/0.05</b>	<b>1.42/0.05</b>	<b>3.11/0.11</b>
Volume displacement of driver(Vd), liters/ft <sup>3</sup>	<b>2.55/0.09</b>	<b>3.11/0.11</b>	<b>3.40/0.12</b>

	<u>REX8s4 v2</u>	<u>REX10s4 v2</u>	<u>REX12s4 v2</u>
Ported (Standard), liters/ft <sup>3</sup> (Gross Internal Volume)*	<b>39.93/1.41</b>	<b>40.78/1.44</b>	<b>61.66/2.16</b>
Port Area, cm <sup>3</sup> /in <sup>3</sup>	<b>62.07/9.62</b>	<b>62.07/9.62</b>	<b>102.58/15.9</b>
Port Length, cm/in	<b>33.66/13.25</b>	<b>34.29/13.5</b>	<b>38.61/15.2</b>
Volume of port displacement, liters/ft <sup>3</sup>	<b>1.98/0.07</b>	<b>2.27/0.08</b>	<b>3.96/0.14</b>
Volume displacement of driver(Vd), liters/ft <sup>3</sup>	<b>2.55/0.09</b>	<b>3.11/0.11</b>	<b>3.40/0.12</b>

\*INCLUDES VOLUME DISPLACEMENT OF THE DRIVER.



# Dimensions



	<u>REX8s4 v2</u>	<u>REX10s4 v2</u>	<u>REX12s4 v2</u>
Mounting Depth [A], mm/in	<b>114.3/4.5</b>	<b>127.0/5.0</b>	<b>139.7/5.5</b>
Mounting Hole Diameter [B], mm/in	<b>185.42/7.3</b>	<b>236.22/9.3</b>	<b>279.4/11.0</b>
Overall Diameter [C], mm/in	<b>220.98/8.7</b>	<b>276.86/10.9</b>	<b>325.12/12.8</b>
Bolt Hole Circle, mm/in		<b>266.7/10.5</b>	<b>304.8/12.0</b>
Motor Width [D], mm/in	<b>123.83/4.875</b>	<b>123.83/4.875</b>	<b>123.83/4.875</b>
Motor Depth [E], mm/in	<b>48.26/1.9</b>	<b>48.26/1.9</b>	<b>48.26/1.9</b>
Basket Depth [F], mm/in	<b>60.96/2.4</b>	<b>76.2/3.0</b>	<b>88.9/3.5</b>
Displacement, liters/ft <sup>3</sup>	<b>1.98/0.07</b>	<b>2.55/0.09</b>	<b>2.83/0.10</b>
Weight, kg/lbs	<b>2.81/6.2</b>	<b>3.08/6.8</b>	<b>3.4/7.5</b>



# Limited Warranty

RE Audio warrants all manufactured electronic products to be free from defects in material and workmanship for a period not to exceed ONE(1) YEAR from the date of purchase.

IMPORTANT WARRANTY NOTICE: RE Audio will only warrant and service products displaying valid RE Audio serial numbers. WARRANTY SERVICE WILL ONLY BE PERFORMED WHEN THE UNIT IS ACCOMPANIED BY A COPY OF THE ORIGINAL SALES RECEIPT FROM AN AUTHORIZED DEALER. All product returned to RE Audio for service MUST be accompanied by a Return Authorization Number, issued by RE Audio in advance of shipment. The Return Authorization Number must be clearly and conspicuously displayed on the shipping carton or RE Audio will refuse delivery.

For Return Authorization Numbers, first call your RE Audio dealer you purchased the products from. The dealer will help you to obtain Return Authorization Numbers.

This warranty extends only to the original purchaser and is not transferable. Defective equipment must be returned within the warranty period, freight prepaid, to the RE Audio Factory or an Authorized RE Audio Warranty Station.

This warranty covers only defects in materials and workmanship of manufactured electronic products(speakers).

Incidents of misuse, abuse, neglect, or unauthorized modification will not be covered within the terms of this warranty.

RE Audio reserves the right to refuse warranty service under such conditions.

RE Audio WILL NOT BE RESPONSIBLE FOR ANY DAMAGES, WHETHER INCIDENTAL OR CONSEQUENTIAL, RELATED TO THE USE OF THIS OR ANY OTHER PRODUCT BEARING OR SOLD UNDER THE RE Audio BRAND NAME. USE THIS PRODUCT AT YOUR OWN RISK. IMPROPER USE OF THIS PRODUCT CAN RESULT IN PROPERTY DAMAGE, BODILY HARM, AND OR OTHER DAMAGE. RE Audio ASSUMES NO RESPONSIBILITY FOR YOUR HEALTH OR SAFETY.



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