

## SRX Subwoofers

# OWNER'S MANUAL



**BUILT FOR BRUTALITY!**

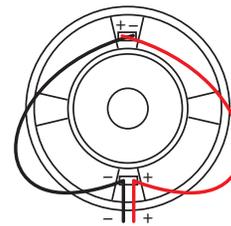


## Specifications

	SRX10	SRX12	SRX15
Electrical Q Value [Qes]	0.39	0.41	0.45
Mechanical Q Value [Qms]	5.5	4.99	4.87
Total Speaker Q Value [Qts]	0.36	0.38	0.41
Free Air Resonance [Fs], Hz	25.3	23.6	23
Equivalent Compliance [Vas], liters	31	85	203
One-Way, Linear Excursion [Xmax], mm	18	18	18
Efficiency [SPL 1W/1m], dB	85.3	86.2	87.6
Effective Piston Area [Sd], cm <sup>2</sup>	310	480	810
DC Resistance Per Coil [Re], Ohm	1.8	1.8	1.8
Nominal Impedance(dual) [Znom]	4	4	4
Thermal Power Handling [Pe], Watts	300	300	300
Force Factor [Bl]	14.35	14.35	14.35



## Wiring Diagram



The diagram shows subwoofers with dual 1, 2 or dual 4 Ω(Ohm) voice coils. Both coils must be connected to a source of amplification.

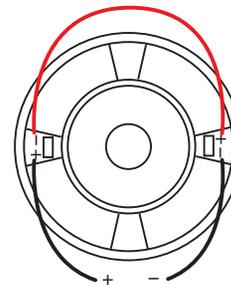
The dual 4 Ω woofer will provide a 2 Ω load wired in parallel or 8 Ω load wired in series.

### PARALLEL WIRING

Impedance per Coil	1 Ω	2 Ω	4 Ω
Resulting Impedance	0.5 Ω	1 Ω	2 Ω

### SERIES WIRING

Impedance per Coil	1 Ω	2 Ω	4 Ω
Resulting Impedance	2 Ω	4 Ω	8 Ω



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# Enclosure Info

## (sealed enclosure application - moderate efficiency)

RE subwoofers perform well in any size sealed enclosure between Compact and Optimum volume recommendations. These systems will exhibit benefits of both designs: "Compact" produces high impact bass and "Optimum" generates greater low bass frequency extension.

	SRX10	SRX12	SRX15
Sealed (Compact), cubic feet	0.35	0.5	1.5
Sealed (Optimum), cubic feet	0.5	0.75	2.0

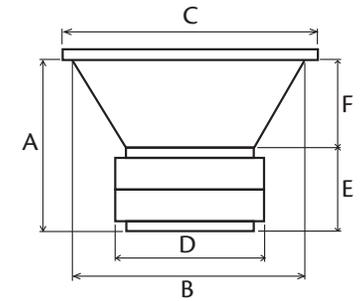
## (ported enclosure application - high efficiency)

- The Compact design increases bass efficiency and fits in many space-limited applications. Although it is the smallest recommended ported enclosure, the output from 30 to 80 Hz will be considerably higher than that of any sealed box.
- The Optimum is the largest and most efficient enclosure design. It delivers the sonic output needed to win SPL competitions.

	SRX10	SRX12	SRX15
Ported (Compact), cubic feet	0.65+PD	1.25+PD	2.5+PD
Tuning, Hz	35	35	35
Ported (Optimum), cubic feet	1.0+PD	1.5+PD	3.0+PD
Tuning, Hz	35	35	34



# Dimensions



	SRX10	SRX12	SRX15
Mounting Depth [A], inches	6.0	6.5	7.9
Mounting Hole Diameter [B], inches	9.3	11	14
Overall Diameter [C], inches	10.9	12.8	15.6
Bolt Hole Circle, inches	10.0	12.0	14.7
Motor Width [D], inches	6.7	6.7	6.7
Motor Depth [E], inches	3.0	3.0	3.0
Basket Depth [F], inches	3.0	3.5	4.9
Displacement, cubic feet	0.12	0.14	0.16
Weight, lb	15.4	16.0	16.5



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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.

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