

Keep in a safe and dry place for future reference.

Model Number of your woofer _____

Serial Number _____

Place of purchase _____

Notes _____

Your enclosure data (circle one)

Sealed

Vented

Bandpass

Other

Total airspace _____

Enclosure Dimensions _____

Port type, area and length (if available) _____

drawing pad

Soundstream Technologies
1550 S. Maple Ave.
Montebello, CA 90640 USA
PH: 323.724.4600 FX: 323.722.8125
www.soundstream.com

SOUNDSTREAM

T E C H N O L O G I E S

REFERENCE

SERIES

OWNERS MANUAL

INSTALLATION GUIDE



www.SOUNDSTREAM.com

Congratulations and thank you for purchasing Soundstream products. We are confident you will enjoy your new subwoofer and appreciate the effort involved in bringing you the best engineered and crafted subwoofer in this category. Harmonic indulgence...Listen and feel.

We advise you to keep this manual in a safe and dry place. Write down any important information to reference from in the future, such as all of your enclosure information. Draw a simple diagram and write all the parameters of the enclosure incase you ever need to reference from it in the future.

Specifications

Model	RW-10	RW-12
Mounting Depth	6"	6.5"
Outer Diameter	10.8125"	12.375"
Cutout Diameter	9"	11.125"
Driver Displacement	.08 cu.ft.	.10 cu. ft.
Impedance	Dual 4 ohm	Dual 4 ohm
RMS Power	500 watts	600 watts
PEAK Power	750 watts	900 watts
Voice Coil	2.5"	2.5"
Magnet Weight	100 oz	120 oz.
Frequency Response	30 - 400Hz	30 - 400Hz
Resonant Frequency	25.94Hz	24.75Hz
Qts	.418	.467
Qms	4.30	3.905
Qes	.463	.530
Vas	27.24 ltr	58.53 ltr
XMAX	14 mm	14 mm
SPL	82.1 dB	84.23 dB

NOTICE

The following enclosure recommendations are only a few in variation of what the woofer requires. If you need specific information for a design and have questions regarding it, please contact our Technical Support Department with your details, via email at tech-support@soundstream.com. We strongly suggest you use or build an enclosure with in the following parameters for proper function and quality results from your woofer. Building an enclosure too far from the specified suggestions may cause undesired performance and/or damage to your woofer and in some cases your amplifier as well.

Sealed Enclosure Recommendations for RW-10

Optimum Enclosure

NET Volume	1 cuft / 28.3 ltrs
Max Power	500 watts
Fill	50% Semi Dense

All volume suggestions are "Net Volume" before any displacement. Please add accordingly to your design

Other Enclosure Recommendations

	Volume	MAX Power
Smallest	.7 cuft / 19.8 ltrs	350 watts
Largest	1.4 cuft / 39.64 ltrs	350 watts

Sealed Enclosure Recommendations for RW-12

Optimum Enclosure

NET Volume	1.2 cuft / 34 ltrs
Max Power	600 watts
Fill	50% Semi Dense

All volume suggestions are "Net Volume" before any displacement. Please add accordingly to your design

Other Enclosure Recommendations

	Volume	MAX Power
Smallest	.8 cuft / 22.6 ltrs	500 watts
Largest	1.6 cuft / 45.3 ltrs	500 watts

Vented Enclosure Recommendations for RW-10

Optimum Enclosure

NET Volume	1.25 cuft / 35.4 ltrs
Vent Design	3" X 12.375"
Tuning Freq	32Hz
Max Power	500 watts

All volume suggestions are "Net Volume" before any displacement. Please add accordingly to your design

High Output Enclosure

NET Volume	1.75 cuft / 49.5 ltrs
Vent Design	25 sqin X 25"
Tuning Freq	36Hz
Max Power	400 watts

All volume suggestions are "Net Volume" before any displacement. Please add accordingly to your design

Vented Enclosure Recommendations for RW-12

Optimum Enclosure

NET Volume	1.75 cuft / 49.5 ltrs
Vent Design	3" X 9.5"
Tuning Freq	30Hz
Max Power	600 watts

All volume suggestions are "Net Volume" before any displacement. Please add accordingly to your design

High Output Enclosure

NET Volume	2.25 cuft / 63.2 ltrs
Vent Design	35 sqin X 26"
Tuning Freq	36Hz
Max Power	500 watts

All volume suggestions are "Net Volume" before any displacement. Please add accordingly to your design

Wiring Configurations

There are a variety of impedance possibilities when using woofers equipped with multiple coils. It is "EXTREMELY" important that ALL coils are used and none are left as spares. Always provide the minimum impedance your amplifier requires. If you need assistance with wiring configurations, please consult a professional installer or contact our Technical Support Department with your questions.