

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



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SOUNDSTREAM

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

XPRO SUBWOOFERS OWNERS MANUAL



Congratulations and thank you for purchasing Soundstream products from our L.O.S. catalog. 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.

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	XPRO-10	XPRO-12
Mounting Depth	5.375"	6.375"
Outer Diameter	10.25"	12.625"
Cutout Diameter	9.125"	11.125"
Driver Displacement	.08 cu.ft.	.10 cu. ft.
Impedance	Dual 4 ohm	Dual 4 ohm
RMS Power	150 watts	200 watts
MAX Power	300 watts	400 watts
PEAK Power	500 watts	600 watts
Voice Coil	2"	2"
Magnet Weight	45 oz.	60 oz.
Frequency Response	45 - 500Hz	35 - 500Hz
Resonant Frequency	41.167Hz	27.322Hz
Qts	.480	.337
Qms	3.524	2.488
Qes	.556	.389
Vas	18.864 ltr	58.723 ltr
XMAX	8.5 mm	8.5 mm
SPL	85.6 dB	86.8 dB

* These numbers are measured with the cosmetic rubber gasket in place. Please measure the driver yourself for precise dimensions or if necessary with out the gasket.

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 your distributor for more information or contact Soundstream directly via email at tech-support@soundstream.com or by phone at +323.724.4600.

Sealed Enclosure Recommendations for XPRO-10

Optimum Enclosure

NET Volume	1 cuft / 28.3 ltrs
Enclosure Q	.808
Max Power	300 watts
Fill	50% Loose

Other Enclosure Recommendations

	Volume	MAX Power
Smallest	.5 cuft / 14.16 ltrs	300 watts
Largest	2 cuft / 56.6 ltrs	300 watts

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

Sealed Enclosure Recommendations for XPRO-12

Optimum Enclosure

NET Volume	1.5 cuft / 42.5 ltrs
Enclosure Q	.707
Max Power	300 watts
Fill	50% Loose

Other Enclosure Recommendations

	Volume	MAX Power
Smallest	.75 cuft / 21.2 ltrs	300 watts
Largest	3 cuft / 85 ltrs	300 watts

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

Vented Enclosure Recommendations for XPRO-10

Optimum Enclosure

NET Volume	1.5 cuft / 42.5 ltrs
Vent Design	2 - 3" X 9.75"
Tuning Freq	45Hz
Max Power	300 watts

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

Vented Enclosure Recommendations for XPRO-12

Optimum Enclosure

NET Volume	2 cuft / 56.6 ltrs
Vent Design	2 - 3" X 12"
Tuning Freq	36Hz
Max Power	300 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.