

# SOUNDSTREAM

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

## *Tarantula*

SERIES

OWNER'S MANUAL

INSTALLATION GUIDE

[www.SOUNDSTREAM.com](http://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	T5-10	T5-12	T5-15
Mounting Depth	6.625"	7.125"	9.125"
Outer Diameter	10.8125"	12.375"	15.4375"
Cutout Diameter	9"	11.125"	14.25"
Driver Displacement	.10 cu.ft.	.12 cu. ft.	.14 cu. ft.
Impedance	Dual 2 ohm	Dual 2 ohm	Dual 2 ohm
RMS Power	800 watts	900 watts	1000 watts
PEAK Power	1000 watts	1100 watts	1200 watts
Voice Coil	3"	3"	3"
Magnet Weight	160 oz	200 oz.	250 oz.
Frequency Response	35 - 300Hz	30 - 300Hz	25 - 300Hz
Resonant Frequency	31.4Hz	26.58Hz	19.74Hz
Qts	.457	.383	.336
Qms	5.031	4.412	3.6
Qes	.503	.422	.371
Vas	13.493 ltr	43.686 ltr	153.422 ltr
XMAX	13 mm	14 mm	14 mm
SPL	81 dB	84.86 dB	87 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 T5-10

### Optimum Enclosure

NET Volume	1 cuft / 28.3 ltrs
Max Power	800 watts
Fill	0 - 50% Loose

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

### Other Enclosure Recommendations

	Volume	MAX Power
Smallest	.5 cuft / 14.16 ltrs	600 watts
Largest	1.5 cuft / 42.45 ltrs	600 watts

## Sealed Enclosure Recommendations for T5-12

### Optimum Enclosure

NET Volume	1 cuft / 28.3 ltrs
Max Power	900 watts
Fill	20 - 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	.5 cuft / 14.15 ltrs	700 watts
Largest	1.5 cuft / 42.45 ltrs	700 watts

## Sealed Enclosure Recommendations for T5-15

### Optimum Enclosure

NET Volume	2 cuft / 56.6 ltrs
Max Power	1000 watts
Fill	50% Dense

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

### Other Enclosure Recommendations

	Volume	MAX Power
Smallest	1.5 cuft / 42.45 ltrs	800 watts
Largest	2.5 cuft / 70.75 ltrs	800 watts

## Vented Enclosure Recommendations for T5-10

### Optimum Enclosure

NET Volume	1.25 cuft / 35.4 ltrs
Vent Design	3" X 10.5"
Tuning Freq	34Hz
Max Power	800 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	700 watts

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

## Vented Enclosure Recommendations for T5-12

### Optimum Enclosure

NET Volume	1.75 cuft / 45.5 ltrs
Vent Design	3" X 8.75"
Tuning Freq	31Hz
Max Power	900 watts

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

### High Output Enclosure

NET Volume	2.25 cuft / 63.7 ltrs
Vent Design	35 sqin X 25"
Tuning Freq	36Hz
Max Power	800 watts

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

## Vented Enclosure Recommendations for T5-15

### Optimum Enclosure

NET Volume	2.75 cuft / 45.31 ltrs
Vent Design	2 - 3" X 12.5"
Tuning Freq	30Hz
Max Power	1000 watts

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

### High Output Enclosure

NET Volume	3 cuft / 785 ltrs
Vent Design	50 sqin X 28"
Tuning Freq	36Hz
Max Power	900 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.