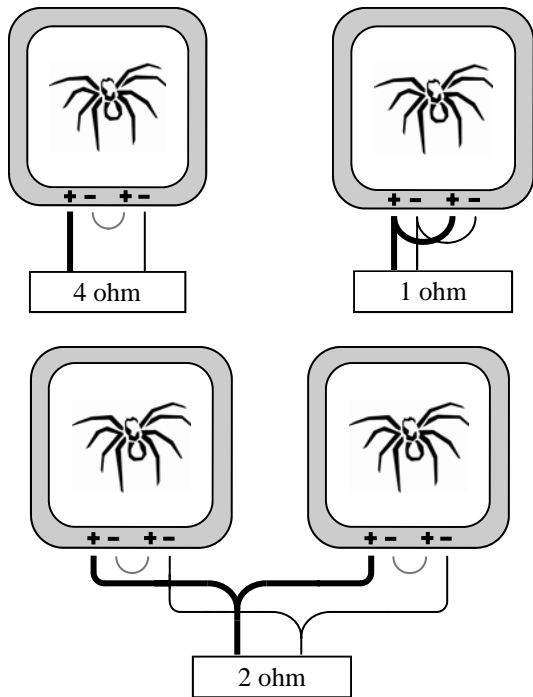


TSQ-104

TSQ-102

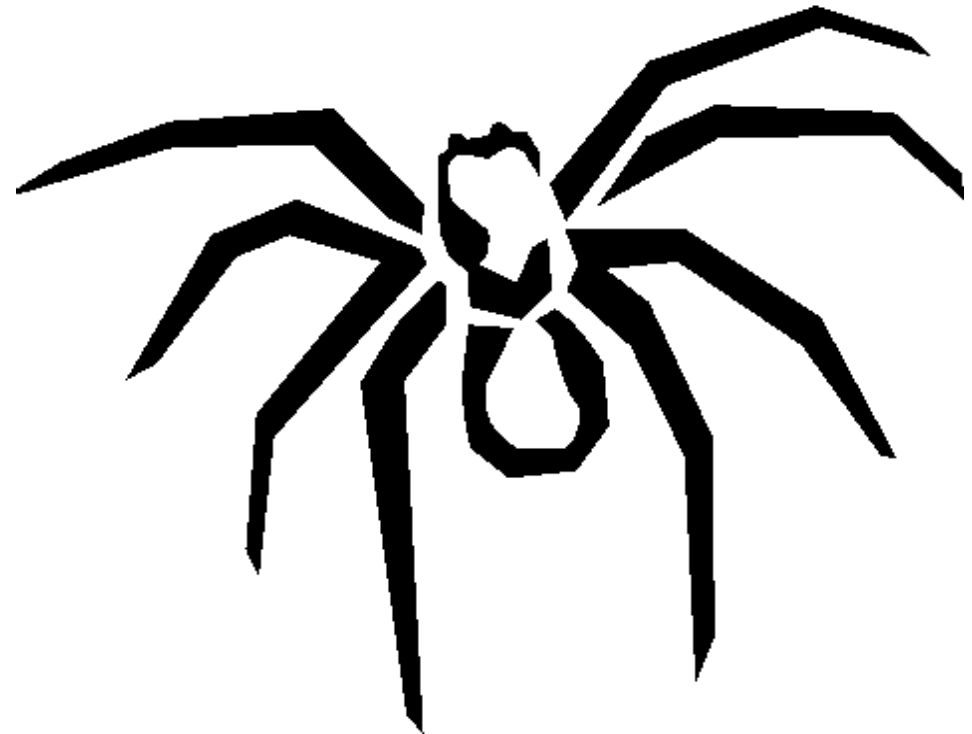


SOUNDSTREAM
TECHNOLOGIES

Tarantula

TSQ
102 - 104

Woofer & Enclosure
Information



Congratulations on your new Soundstream sub-woofer purchase. We greatly appreciate your business. This may look like a run-of-the-mill cardboard box, but it's actually a protective barrier over one of the finest engineered and assembled sub-woofers available.

Harmonic Indulgence... Listen and Feel

Features, Parameters, & Dimensions

36% More Cone Area Than Round Woofer
 Stamped Steel Basket w/ Rolled Edges
 Parallel Terminal Design
 Injection Molded Polypropylene Dust Cap

Clear TPX Honeycomb Cone
 Multi-Roll NBR Rubber Surround
 100 oz. Ferrite Magnet

series wired	TSQ-102	TSQ-104
Fs (Hz)	39.30	40.10
Qms	5	5
Vas (Ft ³)	.89	.89
Cms (mm/N)	.091	.091
Mms (g)	179.9	169.9
Rms (kg/s)	8.881	8.704
Xmax (mm)	15.00	15.00
Sd (in ²)	68.36	68.36
Qes	.921	1.006
Re (Ω)	4.1	6.1
Z (Ω)	4	8
BL (Telsa)	14.06	15.97
Rms Power (watts)	500	500
Qts	.778	.838
1w/1m SPL (dB)	84.24	84.12
Voice Coil	2.5" DVC 2 Ω	2.5" DVC 4 Ω
Overall Dimension	10.625" Sq.	10.625" Sq.
Overall Height	7.875"	7.875"
Mounting Depth	7.125"	7.125"
Cutout Dimension	9.25" Sq.	9.25" Sq.
Motor Diameter	7.25"	7.25"
Motor Height	4.75"	4.75"
Flange Width	.625"	.625"
Flange Height	.625"	.625"

Enclosure Dimensions

Soundstream does not provide enclosure dimensions as there are infinite variables when designing a box, i.e. vehicle, amplifier, music preferences, etc... For designs tailored to your specific needs, please contact us at tech-support@soundstream.com, or 1-800-724-1377.

Enclosure Construction

All enclosures should be made of .75" (3/4") material only. When possible, make the baffle 1.5" (1 1/2) thick and add .75" (3/4") to the depth of the enclosure to compensate. All volumes **INCLUDE** vent/port and subwoofer displacements. **DO NOT** change the volume unless you plan on adding a substantial amount of bracing. For added performance, applying a coat of fiberglass resin to the interior walls will greatly improve sealing the enclosure. Adding a thin layer of poly-fill will improve response by smoothing out reflections within the enclosure.

Enclosure Recommendations

	TSQ-102 Sealed			TSQ-104 Sealed		
	Ft ³	Qtc	F3 (Hz)	Ft ³	Qtc	F3 (Hz)
Min.	1.00	1.026	43.57	1.00	1.100	43.19
Opt.	1.25	.973	42.13	1.25	1.043	41.58
Max.	1.50	.937	41.21	1.50	1.004	40.04

	TSQ-102 Ported				TSQ-104 Ported			
	Ft ³	Port Dia.	FB (Hz)	F3 (Hz)	Ft ³	Port Dia.	FB (Hz)	F3 (Hz)
Min.	1.50	4" x 13.75"	40.01	30.80	1.50	4" x 13.75"	40.01	30.44
Opt.	1.75	4" x 12.5"	37.86	28.99	1.75	4" x 12.5"	37.86	28.63
Max.	2.00	4" x 11.5"	36.16	27.72	2.00	4" x 10.75"	36.16	27.39