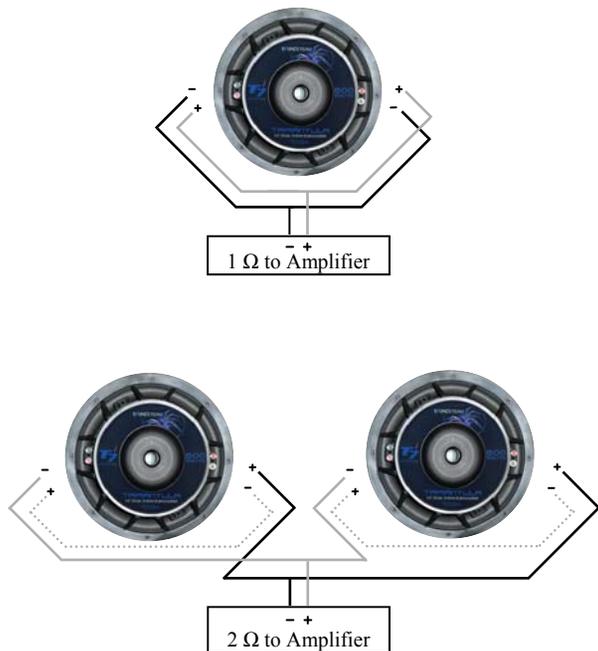


T7.104

T7.102



SOUNDSTREAM



T7

Specifications & Enclosure
Recommendations

Over the years, the Tarantula subs have encountered many changes. For 2012, we are getting back to basics. No foo-foo, pretty parts that have no performance value. T7 is all about performance, period. From the High BL motor, to the heat extracting aluminum dust cap, to the lumpy cone, all the parts make sense and have a purpose. So, if you want to pay extra money for a pretty chrome or plastic shrouded woofer, go to the swap meet. If you want your money to pay for sheer performance, T7 is for you!

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

Non Pressed Paper Pulp Cone
Aluminum Heat-sink Dust-cap
8ga. Compression Wire Terminals
2.5" 430° Coil on Aluminum Former
Die-Cast Aluminum Frame

Polyether Foam Surround
Dual Poly-Cotton Suspension Spiders
170oz. Strontium Ferrite Magnet
Vented T-Yoke Back-plate
Re-cone Kit Available

series wired	T7.102	T7.104
Fs (Hz)	32.37	33.10
Qms	5.18	4.55
Vas (ft ³)	0.91	0.725
Cms (mm/N)	0.151	0.120
Mms (g)	160.34	192.16
Xmax (mm)	14.5	14.5
Xmech (mm)	21.75	21.75
Piston Diameter (in)	8.267	8.267
Sd (in ²)	53.68	53.68
Qes	0.56	0.57
Re (Ω)	3.8	7.21
Z (Ω)	4	8
BL (Tm)	14.86	22.60
Rms Power (watts)	700	700
Qts	0.51	0.50
NO (%)	0.15	0.126
1w/1m SPL (dB)	83.9	83.03
Voice Coil Diameter (in)	2.50"	2.50"
Impedance (Ω)	DVC 2	DVC 4
M-vd (ft. ³)	0.105	0.105
Overall Diameter (in)	10.50"	10.50"
Overall Height (in)	6.375"	6.375"
Mounting Depth (in)	5.875"	5.875"
Cutout Diameter (in)	9.375"	9.375"
Flange Width (in)	0.50"	0.50"
Flange Height (in)	0.50"	0.50"
Weight (lbs)	23lbs.	23lbs.

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. Please see last page for woofer wiring diagrams.

Enclosure Recommendations

	T7.102 Ported				T7.104 Ported			
	Cubic Feet	Port Diameter	FB (Hz)	F3 (Hz)	Cubic Feet	Port Diameter	FB (Hz)	F3 (Hz)
Min.	1.00	3" x 14"	38.3	34	1.00	3" x 14"	38.3	32.8
Opt.	1.25	3" x 11.5"	36.1	31.1	1.25	3" x 11.5"	36.1	30.4
Max.	1.50	3" x 10"	34.3	29.2	1.50	3" x 10"	34.3	28.7

	T7.102 Sealed			T7.104 Sealed		
	Cubic Feet	Q T C	Tuning (Hz)	Cubic Feet	Q T C	Tuning (Hz)
Min.	0.50	0.878	49.7	0.50	0.801	49.9
Opt.	0.75	0.756	47.5	0.75	0.698	48.8
Max.	1.00	0.694	47.2	1.00	0.647	49