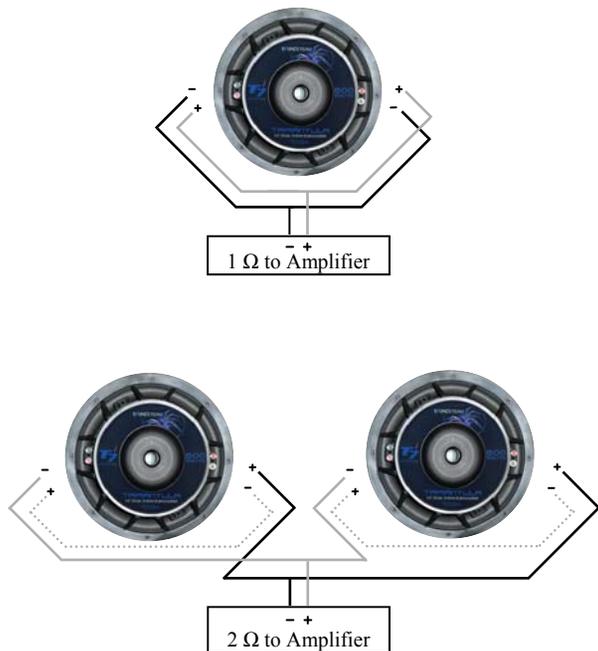


T7.154

T7.152



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	T7.152	T7.154
Fs (Hz)	26.64	29.22
Qms	5.38	0.522
Vas (ft <sup>3</sup> )	3.773	3.649
Cms (mm/N)	0.109	0.106
Mms (g)	327	284.8
Xmax (mm)	15	15
Xmech (mm)	22.5	22.5
Piston Diameter (in)	12.79	12.79
Sd (in <sup>2</sup> )	128.6	128.6
Qes	0.53	0.65
Re (Ω)	3.83	7.22
Z (Ω)	4	8
BL (Tm)	19.98	24.05
Rms Power (watts)	900	900
Qts	0.48	0.58
NO (%)	0.367	0.382
1w/1m SPL (dB)	87.73	87.77
Voice Coil Diameter (in)	2.50"	2.50"
Impedance (Ω)	DVC 2	DVC 4
M-vd (ft. <sup>3</sup> )	14.000	14.000
Overall Diameter (in)	15.5"	15.5"
Overall Height (in)	8.50"	8.50"
Mounting Depth (in)	7.825"	7.825"
Cutout Diameter (in)	14"	14"
Flange Width (in)	0.75"	0.75"
Flange Height (in)	0.75"	0.75"
Weight (lbs)	28lbs.	28lbs

## 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

	T7.152 Ported				T7.154 Ported			
	Cubic Feet	Port Diameter	FB (Hz)	F3 (Hz)	Cubic Feet	Port Diameter	FB (Hz)	F3 (Hz)
Min.	3.00	(2)3"x9.75"	34.3	31.3	3.00	(2)3"x10"	34	32.1
Opt.	4.00	(2)4"x15.75"	32.1	28.5	4.00	(2)4"x15.75"	32.1	28.9
Max.	5.00	(2)4"x13"	30.2	26.8	5.00	(2)4"x13"	30.2	26.3

	T7.152 Sealed			T7.154 Sealed		
	Cubic Feet	Q T C	Tuning (Hz)	Cubic Feet	Q T C	Tuning (Hz)
Min.	1.50	0.914	44.3	1.50	1.079	44.1
Opt.	2.00	0.812	42.3	2.00	0.961	41.1
Max.	2.50	0.749	41.6	2.50	0.887	39.6