

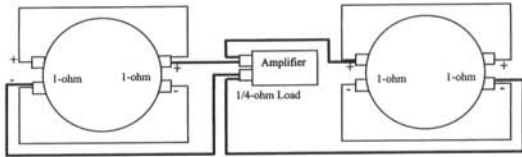
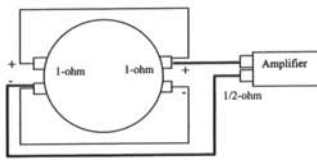
SOUNDSTREAM®

Tarantula WOOFERS

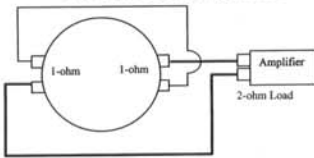
Recommended wiring

The following page will give you a few different options to match the impedance of the woofers to the impedance capability of the amplifier. Please look and follow the diagrams closely to insure maximum woofer performance.

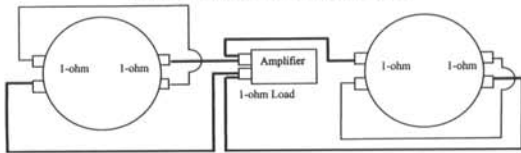
Parallel voice coil configuration



Series voice coil configuration



Series /Parallel voice coil configuration



- T2-10
- T2-12
- T2-15

INSTALLATION INSTRUCTIONS /OWNER'S MANUAL

Attn. Customer Service.
5920 E. Slauso Ave.
Commerce, CA. 90040

Soundstream Tarantula Woofers

Congratulations on your purchase of one of the finest woofers available for your vehicle today.

High SPL are the results when Power handling no longer becomes an issue. That is the philosophy that the T[™] woofers are made on. T[™] woofers are hand made monsters with an attitude, perfectly engineered for use with the Tarantula amplifiers. Boasting motor structures that exceed any given standard along with proprietary voice coil and former assemblies that gives Soundstream the winning edge in SPL.

Please take a few moments to fill out the warranty card and review this manual before installing this woofer for proper connections and box sizes.

Design Features

T[™] -10, 12 & 15
Cast aluminum, basket
Gray stone finish w/ Diamond cut edge
Cloth laminated paper cone
Zinc coated CNC Back plate
Low carbon top & pole piece
Large foam rubber, high excursion surround
1-piece rubber gasket
CONEX spider
Woven tinsel leads
Vented & extended pole piece
Gold binding posts
Dual 4 Layer 1 ohm voice coil
BAEISV hybrid voice coil former
Rubber magnet cover

Model	Description	Freq. Response	Magnet Size	Voice Coil	SPL	X-max	Power RMS
T [™] -10	10" SPL	28Hz - 2KHz	160 oz	3"	87 dB	10.5mm	900 watts
T [™] -12	12" SPL	25Hz - 1.7KHz	200 oz	3"	89 dB	15.5mm	1000 watts
T [™] -15	15" SPL	20Hz - 1KHz	250 oz	4"	91 dB	20mm	1200 watts

Model	Fs	Vas	QTS
T [™] -10	33Hz	0.71 CUFT	0.3779
T [™] -12	28Hz	1.463 CUFT	0.2824
T [™] -15	26.55Hz	2.98 CUFT	0.3084

Building the Enclosure

- Determine the dimensions of your enclosure.
- Be certain the box dimensions that you have designed will fit in the location you have chosen in your vehicle. Sometimes making a cardboard box with the same outside dimensions is helpful.
- It is recommended to use 3/4 or 1 inch thick MDF (medium density fiberboard) for your box.
- Use a "T" square to verify precise right angle cuts before you assemble the box.
- Use high quality wood glue and screws to assemble the box to guarantee an airtight box that will not come apart due to excess vibration and pressure.
- It is recommended for sealed enclosures to stuff the interior of the box about 50 - 75% fiberglass insulation or Dacron fiberfill for increased sound damping and woofer performance.
- For ported enclosures, it is recommended to staple 1" thick fiberglass insulation to the interior walls of your box.
- Use slide on connectors for spade style connectors or bare wire for push and screw terminals. Do not solder the wires to the factory connectors as this may cause damage to the voice coil or tinsel lead and may void your warranty.

Recommended box sizes

Model	Sealed Box Size	Ported Box Size	Tune Freq	# of Ports	Port (dia x length)
T [™] -10	Not Recommended	1.5 cubic feet	40 Hz	1	3" x 5.75"
T [™] -12	Not Recommended	2.0 cubic feet	38 Hz	1	5" x 14.5"
T [™] -15	Not Recommended	4.0 cubic feet	38 Hz	1	6" x 8.75"