

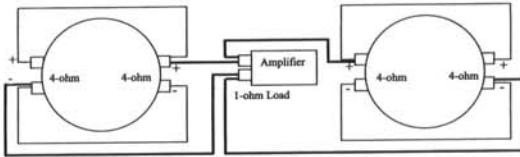
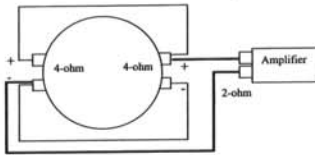
# SOUNDSTREAM®

## EDGE WOOFERS

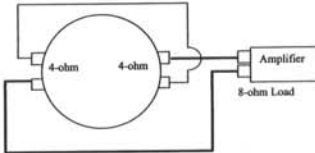
### Recommended wiring

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.

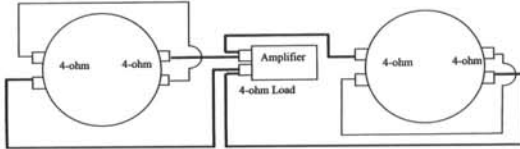
#### Parallel voice coil configuration



#### Series voice coil configuration



#### Series /Parallel voice coil configuration



- EGW-10
- EGW-12
- EGW-15

## INSTALLATION INSTRUCTIONS /OWNER'S MANUAL

Attn. Customer Service.  
1550 MAPLE AVENUE  
MONTEBELLO, CA 90640 USA  
PH: 323-722-3333 FX: 322-722-1122

### Soundstream Edge Woofers

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

Woofer technology has not changed much in the past 40 years so the acoustic engineers at Soundstream decided to change all the rules. The Edge line of sub-woofers were developed specifically for use with the Edge line of amplifiers using technologies developed from today's space program.

The Edge sub-woofers use a black zirconium coating on our cones for not only lower cone distortion but also superior thermal dissipation through the cone generated from the voice coil. We also use a progressive slant surround for tighter and smoother bass extension.

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

EGW-10, 12 & 15  
Zolon coated stamped steel basket  
UDV cooling technology  
Black Zirconium cone  
Phase aligned dust cap  
CNC chrome plated Back plate  
Vented & extended pole piece  
High efficiency, Progressive slant Butyl rubber surround  
Rolled edge rubber gasket  
CONEX spider  
Woven tinsel leads  
Gold binding posts  
Dual 2", 4 layer, 4 ohm voice coil  
Kapton voice coil former  
Rubber magnet cover

Model	Freq. Response	Magnet Size	Voice Coil	SPL	X-max	Power RMS
EGW-10	25Hz - 2KHz	40 oz.	2"	87 dB	5mm	200 watts
EGW-12	24Hz - 1.7KHz	40 oz.	2"	89 dB	5mm	250 watts
EGW-15	21Hz - 1.5KHz	50 oz.	2"	91 dB	5mm	300 watts

Model	Fs	Vas	QTS
EGW-10	31Hz	1.50 CUFT	0.6538
EGW-12	25Hz	3.72 CUFT	0.4151
EGW-15	22Hz	8.29 CUFT	0.4265

### 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 ¾ 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)
EGW-10	.75 cubic feet	1.6 cubic feet	35 Hz	1	3" x 8.25"
EGW-12	1.0 cubic feet	2.15 cubic feet	32 Hz	1	3" x 6.5"
EGW-15	3.0 cubic feet	3.3 cubic feet	28 Hz	1	3" x 5.8"