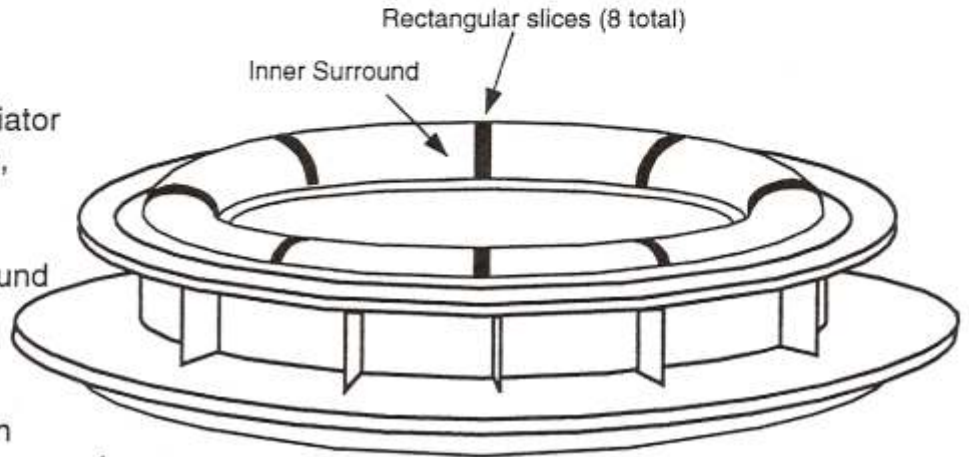


MAXIMIZE THE PERFORMANCE OF YOUR SLAPS

Dear Installer,

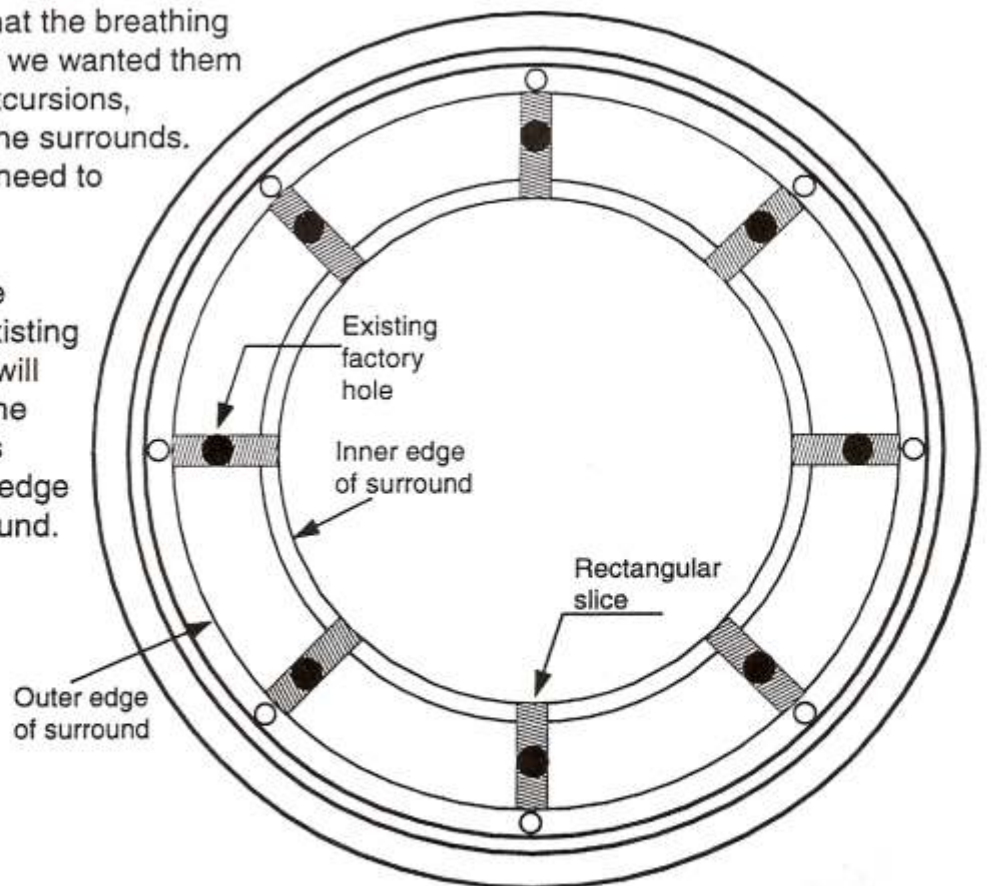
Please understand that the SLAPS passive system is a new and revolutionary way to tune a subwoofer box. As we learn more about it, we try to keep you informed of any new techniques and discoveries we find. Please read through this sheet, it offers you a simple way to improve the performance of you current SLAPS. If you have any question, please do not hesitate to contact Earthquake Sound Corporation.

The SLAPS passive radiator is equipped with two surrounds, the outer surround is mounted to the outside on the larger aluminum ring. The Inner surround is equipped with breathing holes (8), these holes are designed to relieve the internal pressure that builds up between the two surrounds at maximum excursion.



We have discovered that the breathing holes were not as efficient as we wanted them to be; basically, at extreme excursions, pressure builds up between the surrounds. To remedy this problem, you need to increase the hole size.

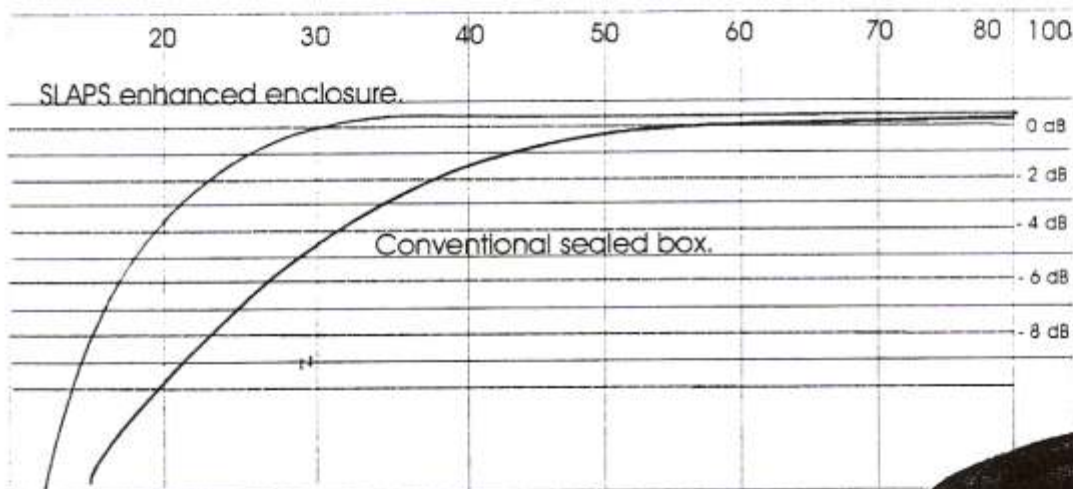
With a new blade, slice a rectangular cut using the existing holes as your guideline. This will improve the performance of the SLAPS immensely. The slices should extend from the inner edge of the surround to the outer edge of the surround.



Gain 6 dB more output volume!

You can gain 6dB of output from the same box, woofer, and amplifier combination. By simply adding a Symmetrically Loaded Audio Passive System (SLAPS) disc to your small sealed enclosure.

In a small box port tuning is impossible without port noise or forced larger boxes due to port displacement. The Symmetrically Loaded Audio Passive System is a noise free alternative to the "port". It provides enhanced SPL output without compromising box volume, or inducing noise into the enclosure. The SLAPS moves more than 4" peak to peak at 15Hz. More air movement translates to more SPL! The combination of the SLAPS low tuning frequency and the drivers own natural resonance generate immense sound without the cost of adding more amp power or more speakers to the system.



Box Volume	Tuning frequency	Relative port combo.
0.7 cubic foot	37 Hertz	6" x 48" (box volume forced to 1.9 cubic ft)
1.0 cubic foot	33 Hertz	6" x 57"
1.2 cubic feet	27 Hertz	6" x 67"
1.5 cubic feet	25 Hertz	6" x 76"

When box volume and space constraints prohibit port tuning the SLAPS is the clear choice for your system performance improvements.

SLAPS, gives you all the bass in half the space.

