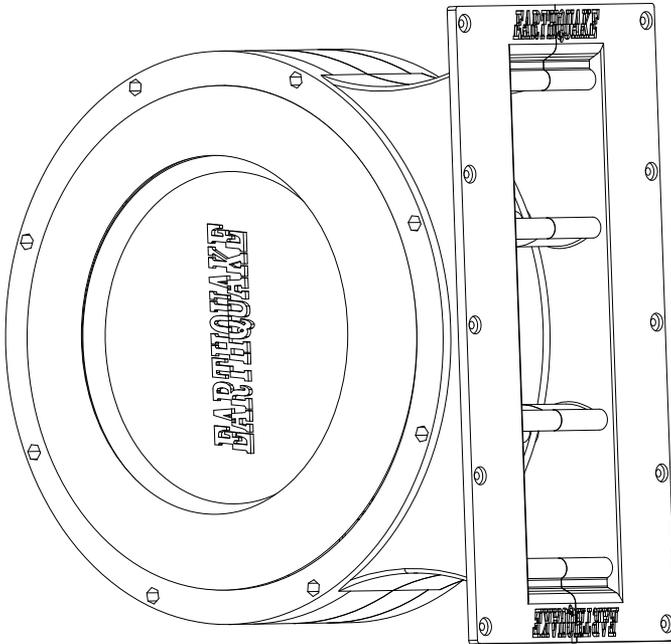




The Sound That Will Move You

PUMP-12

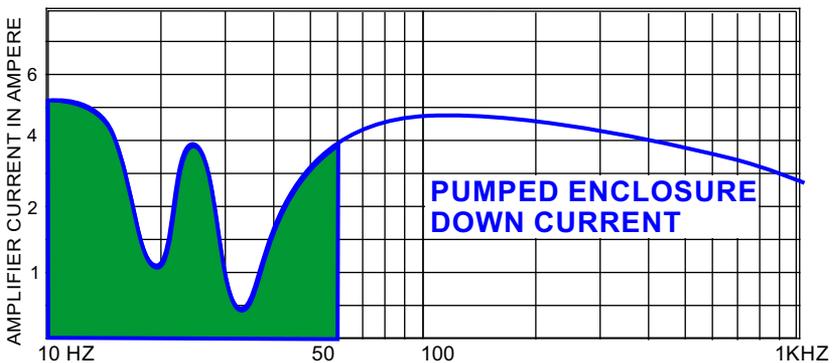
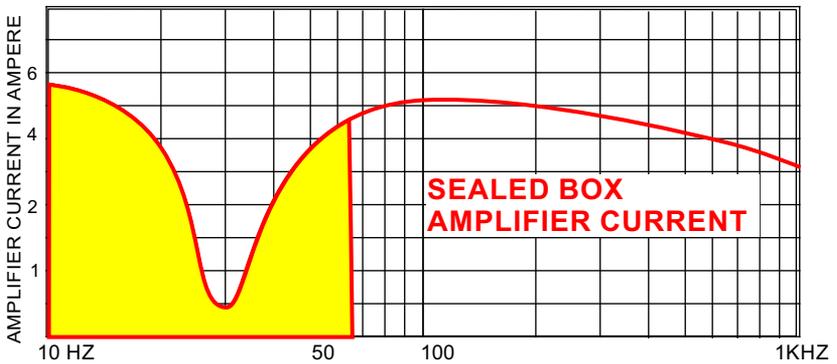
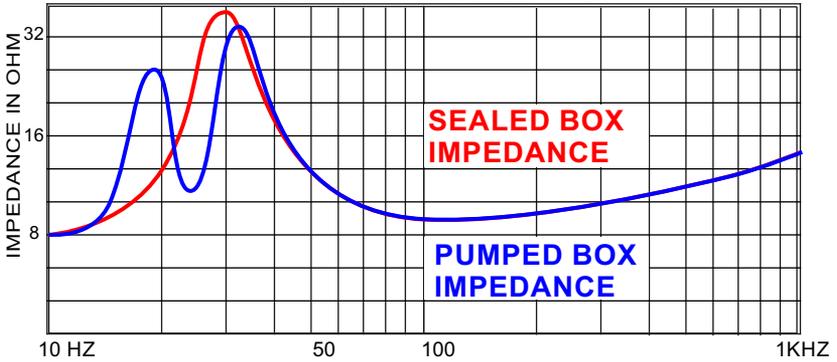
12-INCH PASSIVE MODULE



Earthquake Sound Corporation
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Earthquake Sound is proud to present to you the PUMP-12 passive radiator module. Essentially two horn loaded 12-inch passive radiators, the PUMP-12 has many different applications and uses.

When using a sealed enclosure, there is one peak of resonant frequency at which the amplifier draws the least current. The graphs below illustrate the difference between a typical sealed box enclosure and the PUMPed box enclosure.

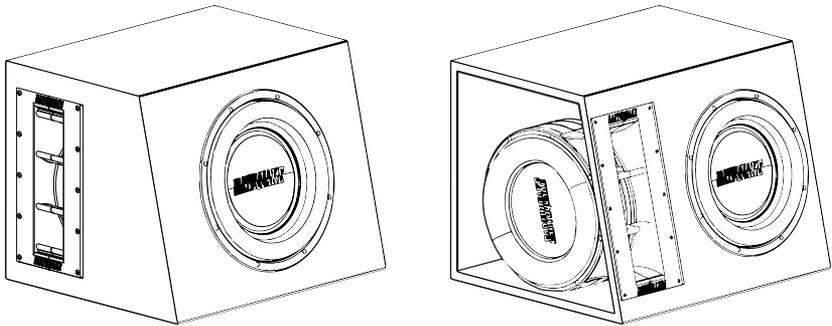


Specifications are subject to change without notice.

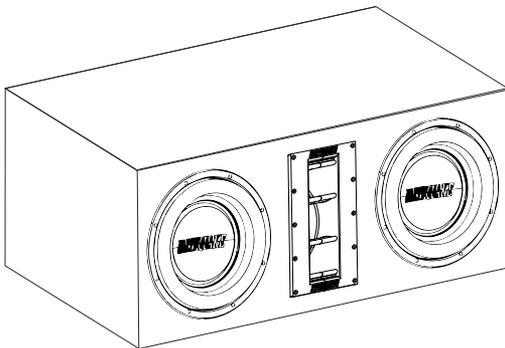
As you can see, the green area is 30% less than the yellow area. This means the down current of the PUMPed enclosure is 30% less than that of the regular sealed box enclosure. With less down current, the speaker's impedance increases and therefore, SPL also increases. In summary, the PUMP-12 increases the subwoofer's SPL by 6dB without the need to draw more amplifier current.

The PUMP-12 works great with the following subwoofer combinations:

- One 10-inch subwoofer + one PUMP-12
- One 12-inch subwoofer + one PUMP-12
- One 15-inch subwoofer + one PUMP-12

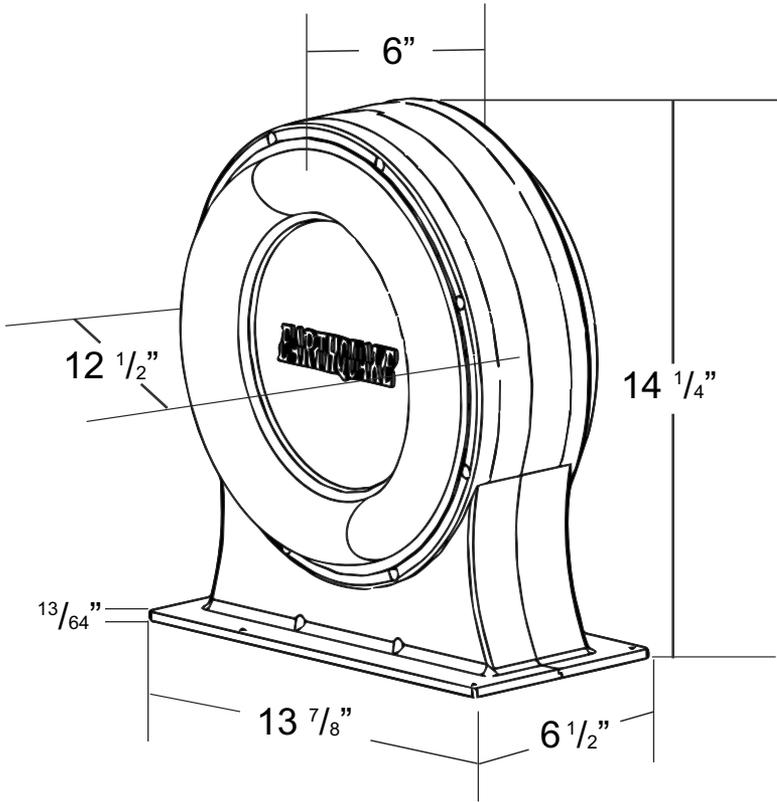


- Two 10-inch subwoofers + one PUMP-12
- Two 12-inch subwoofers + one PUMP-12



When selecting which active driver(s) to use with the PUMP-12, it is important to make sure that the **combined piston area of the active driver(s) does not exceed that of the PUMP-12 (226 sq.in.)**.

SPECIFICATIONS



Cutout Dimensions:

$5 \frac{1}{2}'' \times 12 \frac{3}{4}''$ (140 mm x 324 mm)

Recommended Box Size:

The **PUMP-12** requires **9-in x 14-in x 14-in of installation space**. Take the recommended sealed enclosure dimensions of the chosen active driver and add the 9-in x 14-in x 14-in to it.

We recommend sanding the cutout hole and pushing the module's dust caps inwards to allow the PUMP-12 to go through the cutout hole without damaging the surrounds.