



This audio sub-sonic enhancer was designed to operate in 2 ways.

- Enhance the subsonic on your regular speakers to simulate a sub-woofer.
- As a low-pass filter for your sub-woofer.

It was designed for those who believe that too much bass is coming through their sub-woofers, and, not enough sub-sonic rumble. It has such a low pass filter that it barely allows any bass through while it kicks up just the super deep rumble.

It requires a 12v, >25ma, AC out adapter. For car audio use, you will need to get an isolated DC-DC converter with 12v in, +/- 15v dc out which will need to be tied to the VCC/GND/VEE on the PCB.

This sub-sonic enhance was designed to go between your pre-amp & speaker amp. It has a built in sub-sonic soft clipping to prevent your amp from being overdriven without any audible artifacts.

When using this sub-sonic enhancer to drive regular speakers, 2 conditions must be met:

- a) Your power amp is flat to below 5 Hz and has a high current output. Preferably flat to 1 Hz.
- b) Your speakers are rated down to 35 Hz. Lower frequency speakers = even better.

CAUTION: If your amp is too powerful for you speakers, they may be damaged, or, if your speakers have too much of a load for you amp, your amp may be damaged.

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