



## PC-Plus Tuning Sheet

Your new PC-Plus subwoofer not only comes with our “Tri-Power” port flares, but a custom tuning plug that allows your sub to be “tuned” to even lower frequencies than its stock configuration. For most people and most rooms, your SVS is already configured for the best blend of extension (how deep/low your sub goes) and output (how loud it gets at a variety of bass frequencies). However, we know that bass is a very personal taste and no two rooms will react exactly the same with any subwoofer. So we include a custom “port blocker” that, when inserted into a port (under the sub’s grill), allows you the user to experiment with a substantially lower “tune”.

As with all such devices, there is an inherent compromise when tuning a sub lower, without changing the size of the enclosure. Installing a port block takes some power away from upper reaches of bass, installing *two* port blocks naturally limits upper bass response even more. So while you will indeed get more bass down low (where DVD and music bass is more rare), you’ll sacrifice output above the stock tuning point of the sub, where bass is *more* common. You should decide if the effect is pleasing on the sorts of movies and music you enjoy. As a rule of thumb, the below should be used to determine how low your subwoofer will be tuned.

How to do it? Just imagine the grill to be friction fit, not unlike a “Tupperware” top. Grip the grill with your fingertips from the side opposite your body (give the sub a bit of a “bear hug” while doing it) and lift/tilt up on that side. The grill will first come up on the far side, then the side closest to you. A “mounting ring” will remain on the sub after the grill is removed. To insert a port plug, simply squeeze the foam on one end and press the plug into a port flare until it is about 1-2” lower than the top edge of the top surface of the sub. You can remove the plug by inserting your fingertips into the port flare and squeezing and pulling on the foam plug at the same time.

**NOTE:** Be sure to select the subsonic filter point on the back of your PC-Plus amp that coincides best with your new “tuning point”.

Model	25-31PC+	20-39PC+	16-46PC+
Stock Tune	25Hz	20Hz	16Hz
w/one port-block	20Hz	16Hz	12Hz
w/two port-blocks	16Hz	12Hz	N/A

Look to the reverse of this sheet for thumbnail computer simulated response charts of each model showing the reduction of upper bass when adding one port-blocker to your SVS. The bottom line? Many customers feel the slight loss in upper bass output to be insignificant compared to the deeper response the port block gives. We let you decide.





