

PHITS SPX0

For many speakers
Three different acoustic foams
Better audio performance



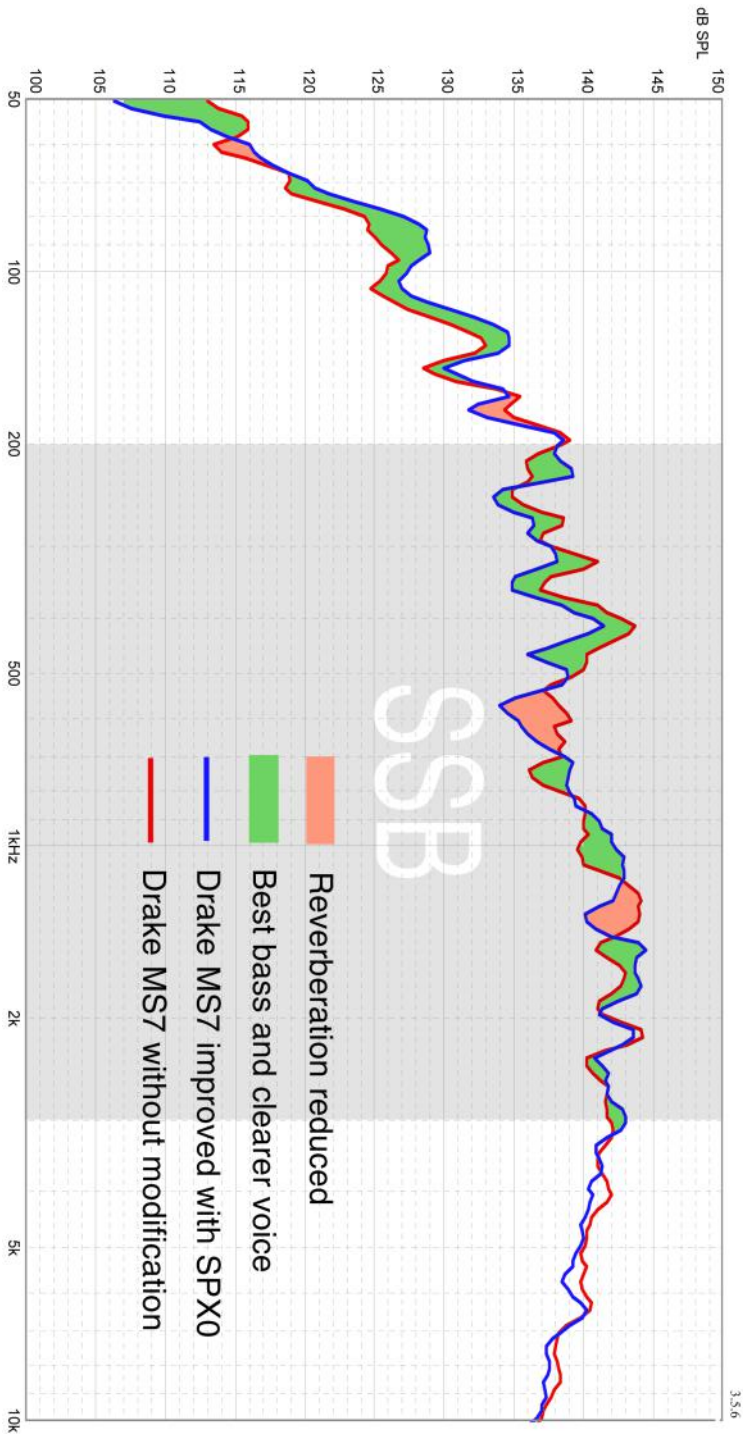
Phits is a set of acoustic foams designed to get a much clearer sound from your speaker.

The sound produced by the speaker reverberates backwards inside the cabinet and adds noise to your transceiver signal. Signals, as consequence, lose intelligibility. This noise usually occurs bellow 1000 Hz.

Phits reduces reverberation to a minimum level by absorbing sound and by invreasing the speaker mass.

FREQUENCY RESPONSE

Example on Drake MS7



SPX-O

ASSEMBLY MANUAL

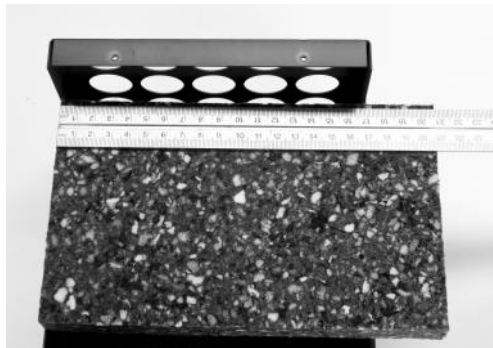
Phits SPX0 is a model designed to be adapted to different speakers. For proper installation you will need to take the speaker apart, take measurements, cut the parts according to your own measurements and reassemble the speaker with Phits SPX0 inside. Depending on the size of the speaker, you may have enough material to use on more than one speaker.

Phits SPX0 consists of a set of acoustic materials designed to absorb much of the acoustic pressure exerted by the driver inside the cabinet, thus achieving a clearer and more intelligible sound. Because this kit will fit different models, the high density parts that include the rest of Phits models are not included.

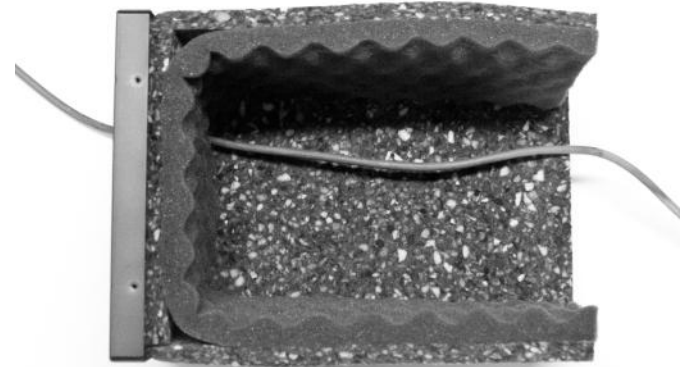
- Bottom plate.....290 x 191 x 20 mm.
- Top plate.....310 x 211 x 20 mm.
- Left and Right plates.....290 x 134 x 10 mm.
- Central plate.....676 x 94 x 20 mm.
- Back plate.....208 x 126 x 20 mm.
- Fiber fill.....50 g.

ASSEMBLY

- Disassembly the speaker for easy installation of Phits SPX0.
- Preferably, foam plates should be cut and assembled in the following order: Sides, base, rear, central and top.
- Take measurements from the inside of the speaker to cut the plates, so that once placed they fit together without leaving any gaps. If appropriate, you can use silicone or contact glue to attach the plates to the cabinet. Please note the subsequent reassembly of the internal accessories (wires, filters, phone-patch. . .).



- Additional cuts in the foam may be required to allow the wires to pass through.



On some speakers the back is completely open. In this case, the result can be better if you find a way to make a wooden cover.

Finally, fill the empty space with the acoustic fiber and mount the speaker. When closing the loudspeaker, you must press the cover to place the screws in place, so that the acoustic plates are well coupled to each other.

