

Nautilus D.I.Y. Version

Years ago, I happened to know about *Original Nautilus* (hereafter cited as *Nautilus*) through a magazine and was intrigued to have made a few speaker systems that had similar sound absorbing tapering ducts (hereafter cited as duct/ducts). This time I have built another speaker system with such ducts. It has FRP ducts installed to the woofers of 38 cm in diameter. I named it the “nautilus D.I.Y. version”.

Specifications are:

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| Tweeter | T350 /EV |
| Squawker | 2730A+2426 /JBL |
| Woofers | Radian 2216 |
| Duct | Made of a stainless wire Frame and cones made of polyvinyl chloride sheet and pipe that were reinforced with FRP. |

The shape of the duct became the one as you see it in the photo, one of the best among those possible by my handiwork skills.

As the system is driven by a single amplifier the total sound range is made flat by adjusting the sound levels of a tweeter and a squawker with their attenuators.

The speaker units were taken from my old bass reflex speaker system, the bass of which was good and ample but was slack. With the new system they sound different. You may find it lucid and natural, even with enough bass sound.

Nautilus, which is a very complex system, was made to produce lucid and natural sound, not boosting or coloring the sound of any range. I believe my very simple nautilus type system shares it and I also wish my new system makes an example that our D.I.Y. can get the sound of *Original Nautilus*, perhaps to a certain(?) extent. (You can see the details of building processes at [the website of mine.](#))

