

Marco from Rimini (Italy)

I am a Tannoy lover, and owned a pair of Tannoy Cheviot with the amazing HPD315A speaker.

... but the cabinet, although beautiful and charming old crates of the '70s I did not like them into my listening room, and gradually I began to imagine something different both from an aesthetic point of view, why not also functional without sacrificing the magnificent dual-concentric.



I always carry in me the desire to build, (I do also in a different industrial field) and that is how, despite the short time available I started to draw new pair of speakers for the HPD 12 "of Cheviot.

The sequence of images that follows is intended to demonstrate some of the work done.



The box-shaped lute was drawn to the PC, and its construction is quite elaborate, I have made of birch cut ribs with numerical control milling machine then assembled and glued to 3 pillars of mahogany wood. The structure thus obtained was "wrapped" before by a panel of lead 1 mm thick, then with 5 bendable sheets of wood with a thickness of 5 mm each glued with vinyl glue.

A notable strength and a good weight has been reached.

After gluing the junction lines were then sealed with silicone all brown.



The interior surfaces of lead were then coated with bituminous adhesive sheets of material with silver finish for the specific absorption of vibrations from the speaker. The ribs of the structure were all covered with adhesive strips of closed cell neoprene.



... and then the panel, 3D CAD designed and built on a pantograph 2D with great skill, then several layers of polyester lacquer finish for a Piano Black, shiny and more valuable than ever.



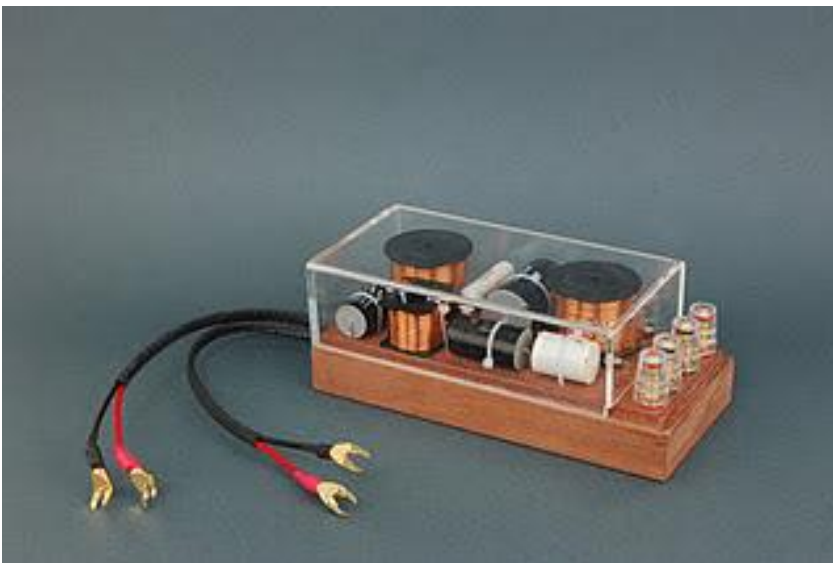
so the internal sound-absorbing materials, and here I wanted to exaggerate ...



I completely rebuilt the Tannoy speaker connectors there, really bad old original ones (who knows these speakers understand what I mean) and I did make my design of the robust full brass feet.



and here are the cross-over, on a wooden base with plexiglass cover, air coils, polypropylene capacitors, Solen and Mundorf and wired point to point.



A little bit of vanity, the signature on the plate of the terminal, bi-wiring, high-quality full brass and gold, as well as the brand Tannoy reproduced on the front.



And finally here's the result!







a moment to gloat and so happy to place them in my listening room!!

