

minimal wooden design BOOM box by psychovanko

I really wanted to have a battery operated stereo speaker that can play music for one week with one charge. I also wanted it to have decent sound and to be loud enough for a small party. Couldn't find anything like this on the market so I decided to build it myself.

First of all I needed a powerful battery so I found this 12Ah UPS battery. Then I had to build the cabinet. Once I had the battery and the speakers it was easy to figure it out. After constructing it I glued microfiber cloth on the inside of the cabinet to avoid resonance. Also I decided to build in an oversized radiator to make sure the amp never gets overheated. Once I had the cabinet done I really loved the minimalistic look that it had and I wanted to keep it that way. The finishing touch I gave it was the robust metal handle, the really basic on/off switch and the charging port. I also decided to use only 3.5mm audio input so you can just plug and play anything you want no matter if it's your iPhone or an old turntable.

The cost of the speaker is around 60 euro. It was built in 2016 in Bulgaria

See the drawings for more info.