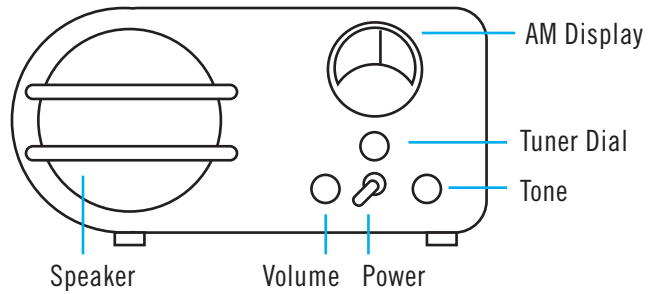


1. ORIGINAL DESIGN

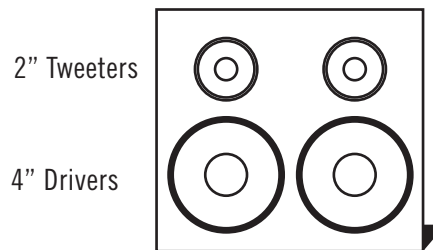
The challenge was creating a classic yet high-fidelity sound with a stereo config based on the oval design of the cabinet and its limited interior space.

We started by gutting the radio leaving only the display and original knobs.



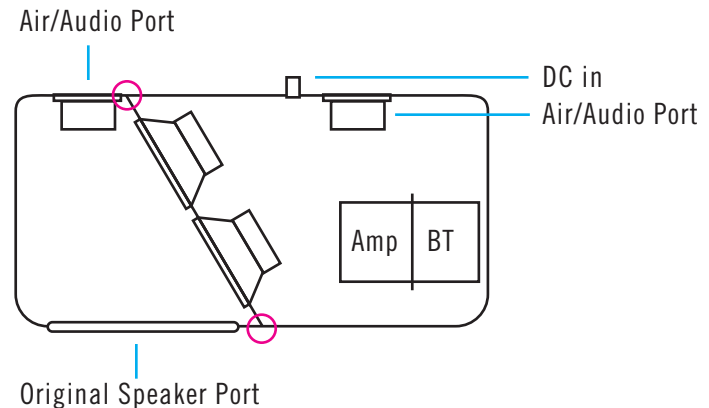
2. AUDIO SOLUTION

We created a custom-fit board out of MDF and set up 2-4" drivers and 2" Tweeters, crossed over for a 30-watt stereo amplifier.



3. CUSTOMIZATION

We decided to use the cabinet's design to our advantage by angling the speaker board, separating the cabinet into 2-sections which helped create an "echo-chamber" giving it a very classic style sound. We also created a custom back with dual air/audio ports to help distribute sound that fills a room.



4. FINAL PRODUCT

We replaced the speaker fabric and placed amber LEDs behind the original display that light up when the power is turned on. We also placed a small blue LED on the bottom of the display which indicates when Bluetooth is on.

