

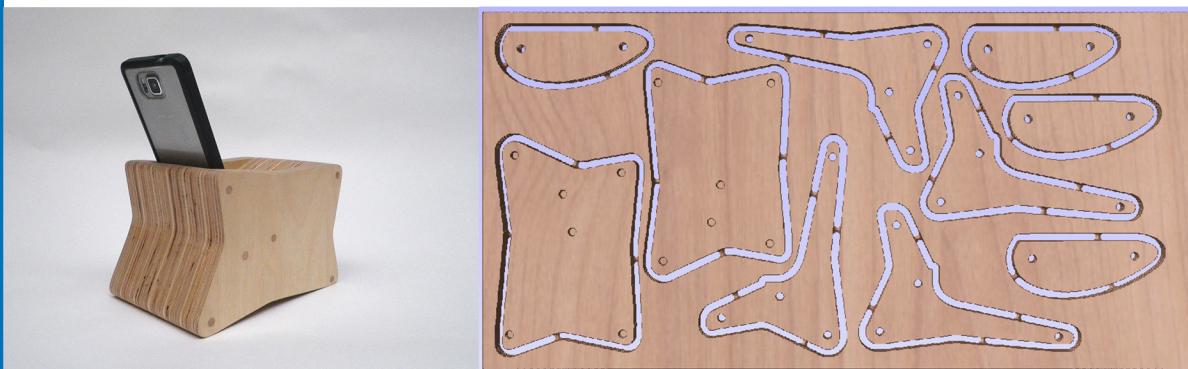
FREE Project Phone Amp by Aaron Leedham



Items you will need:

600mm x 300mm x 18mm
Maple
phone amplifier.crv file
6 x lengths of M6
threaded bar
12 x M6 wing nuts
12 x 20mm washers with 6.5mm
centre holes cut from the same
material as the amplifier
components
PVA /wood glue will do the job.

Ever wanted to make the audio from your mobile phone louder? Well master craftsman, Aaron Leedham has designed and created just the thing! A super mobile phone amplifier, for you to cut and build.

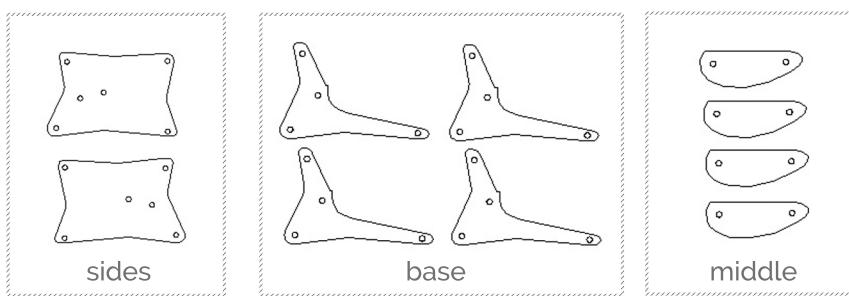


1.

Open the project files in your software. Carefully review all the toolpaths and make any necessary changes to suit your tool bits and machine. The toolpaths are currently set with feeds and speeds that were used in creating the original sample. Please don't use them directly until you review them for your own setup. You can edit the tools and change the settings to your own preferences and requirements. It is very important to recalculate all toolpaths after making any changes/edits. Once you have recalculated for your own machine and bits, reset the preview, then preview all toolpaths again to visually verify the project outcome on-screen.

2.

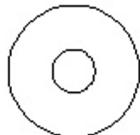
After cutting out the pieces and sanding off the tabs separate the components into three groups:



The next step is to glue them together. It is important to align the components as accurately as possible. One method to help achieve this is to use some threaded bar and some wing nuts.

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3.



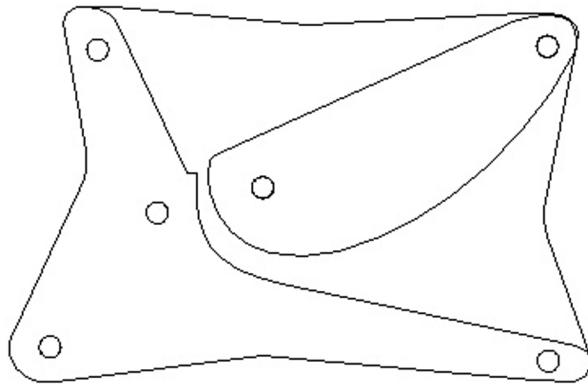
The next stage is the gluing on of the sides, this is a similar process, except that washers made of the same material as the amplifier are used to protect the outer faces of the sides.

4.

So, place the base piece and the middle piece on your bench along with both side pieces, apply glue to the upper side of the base and middle pieces and place them on to glue side down onto the appropriate side.

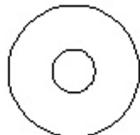
Apply glue to the upper faces of the base and middle pieces and place the remaining side on top and align. Pass the threaded bars completely through the assembled amplifier place washers on both ends of each bar, attach wing nuts and tighten, being careful to keep the pieces aligned.

Once the glue has set, you can remove the threaded bars and either leave the holes open or close them with glue and dowels, and that's it, you're ready to enjoy your tunes.



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5.



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