



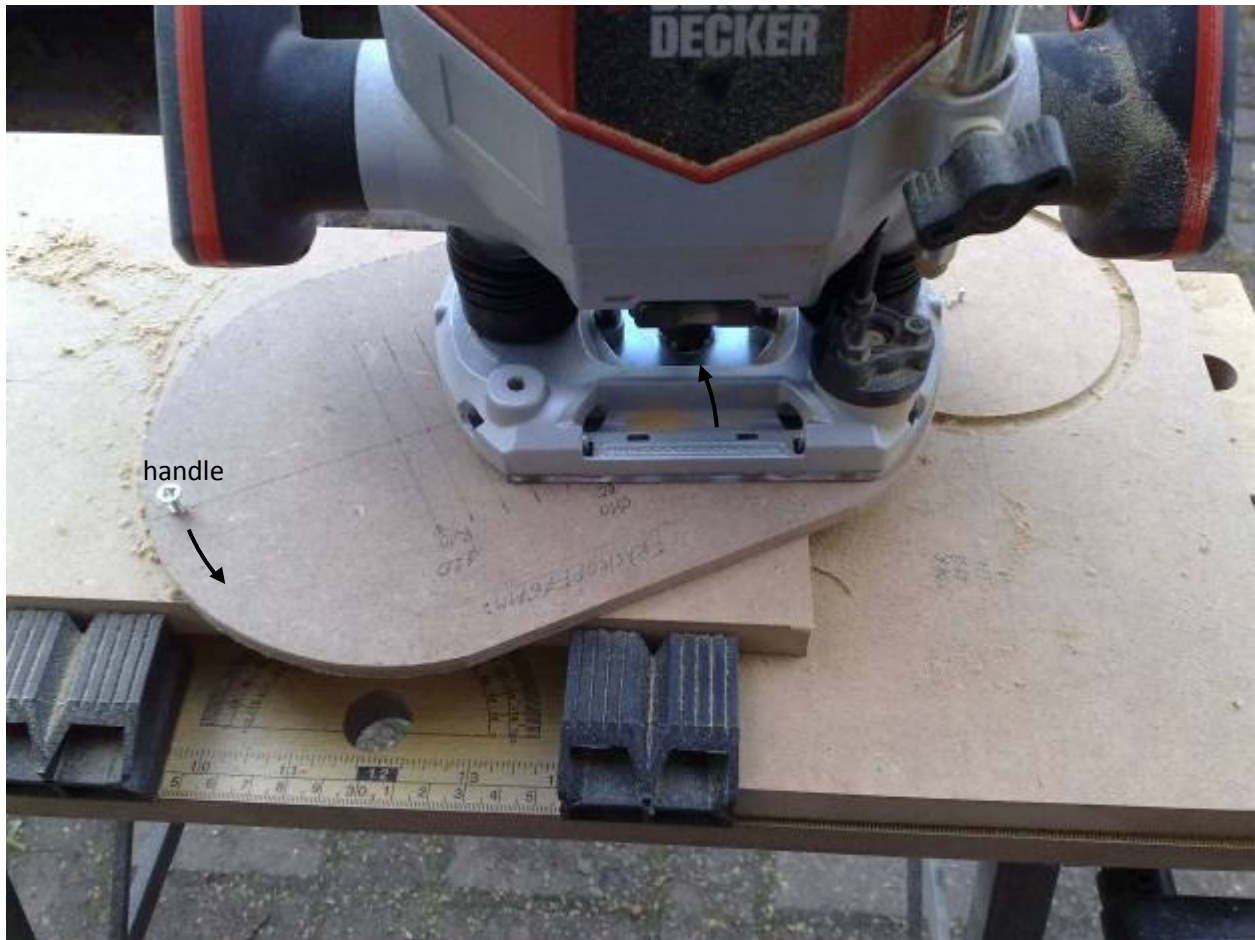
- 4) On your speaker box workpiece, hit the prepared nail (about dia 1mm) into the center of the circle which needs to be grinded (so the center of loudspeaker opening).
- 5) Cut off the nail with some feasible tool - about 5mm (less than the circular guide's thickness) of the nail should remain visible.
- 6) Place the circular guide on top of the nail end, penetrating into the desired pin hole. The nail is the center of rotation. The end of the nail should not protrude (try with your finger), otherwise it would disrupt the rotating movement. Use a hammer if the nail still protrudes too much.



- 7) Remember to adjust the router bit's working depth correctly, including the thickness for the circular guide plate.
- 8) I still added a handle (screw) for better grip and smooth movement (both hands) onto the circular guide.
- 9) Of course make sure the workpiece is secured and stable on a workbench or similar.

10) Place the router machine on top of the circular guide's hole. Switch it on and start rotating the guide and router machine constantly and with care, using both hands. Let it rotate a few rounds, to make sure the grinding edge is without visible disruptions.

For a perfect end result this may require practising a couple of times before you use your actual workpiece.



Here the end-result (Example Visaton Aria boxes):



Finally smooth the cuts by grinding with sand paper.

Enjoy. 😊