

Case Construction - Transistor Astable & Transistor Switch



This has been constructed using 2 pieces of MDF 15x15cm with a thin 3mm piece for the upright background and a thicker 6mm piece for the base. They have been glued together using a supporting piece of MDF and PVA glue.

Procedure:

Remember to always aim for a high quality finish!

1. Draw your base design outline onto your piece of MDF
2. Cut the outline using the tools and method shown by your teacher paying close attention to health and safety at all times
3. Finish the edges of your base using for example glass paper and/or files
4. Draw your background design outline onto your piece of MDF
5. Cut the outline using the tools and method shown by your teacher paying close attention to health and safety at all times
6. Finish the edges of your base using for example glass paper and/or files
7. Drill the hole or holes for your LEDs using a pillar drill, remember to use the correct sized drill bit and above all pay close attention to health and safety
8. Begin to decorate your product, you may need to do this over more than 1 lesson or finish it for homework, protect your work surfaces and do not allow your work to dry onto newspaper
9. When you have finished decorating glue your base and background together using PVA glue and a small MDF block, allow a minimum of 1 hour for the glue to dry, it will take several hours to fully set
10. Glue the to the small MDF block using a hot glue gun
11. Glue the battery clip to the back of the product using a hot glue gun
12. If necessary glue the LEDs in place, this may not need doing