

Assembly Notes

Finned Case For QTC and ELITE Nixie Clocks



REVISION HISTORY

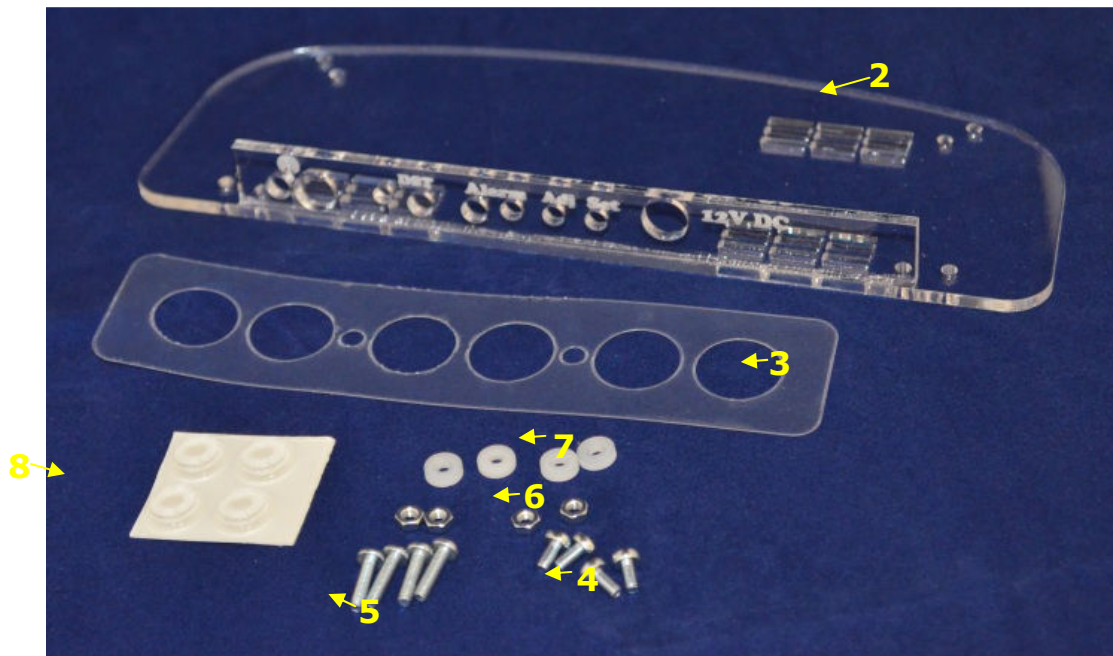
Issue Number	Date	Reason for Issue
2	01 July 2018	Added Elite
1	20 June 2012	New document

1. APPLICABILITY

This case is suitable for the following Nixie Clock Kits:
Nixie QTC: All kits, all PCB dates
ELITE Nixie: All PCB Dates

2. PACK CONTENTS

Number	Component	Qty
1	Aluminium case	1
2	Plexiglass base cover	1
3	Insulating sheet	1
4	M3 X 6mm screw	4
5	M3 X 12mm screw	4
6	M3 nut	4
7	2mm plastic spacer	4
8	Polyurethane rubber foot	4



For the case for ELITE kits, two neon glass cover tubes are also supplied.

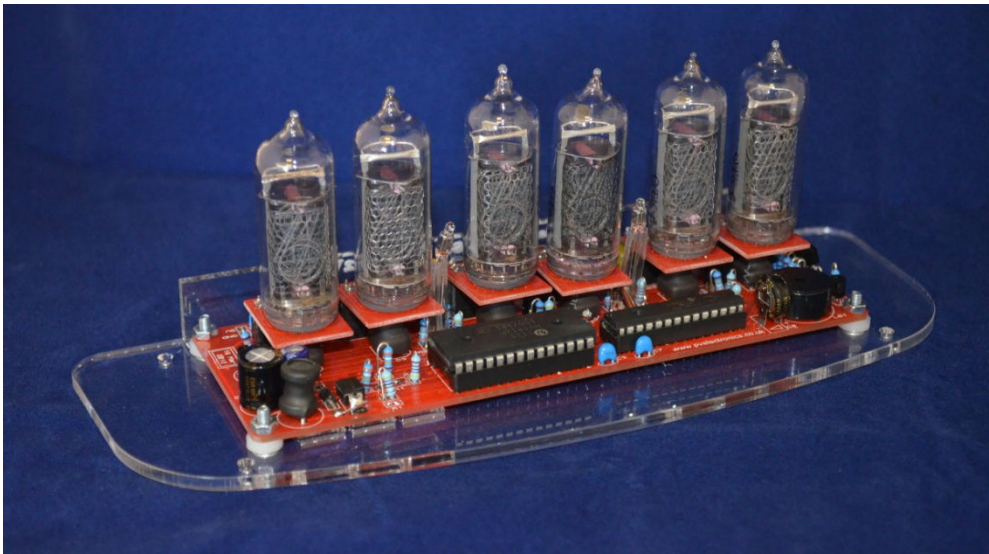
3. ASSEMBLY NOTES

3.1 Prepare the PCB

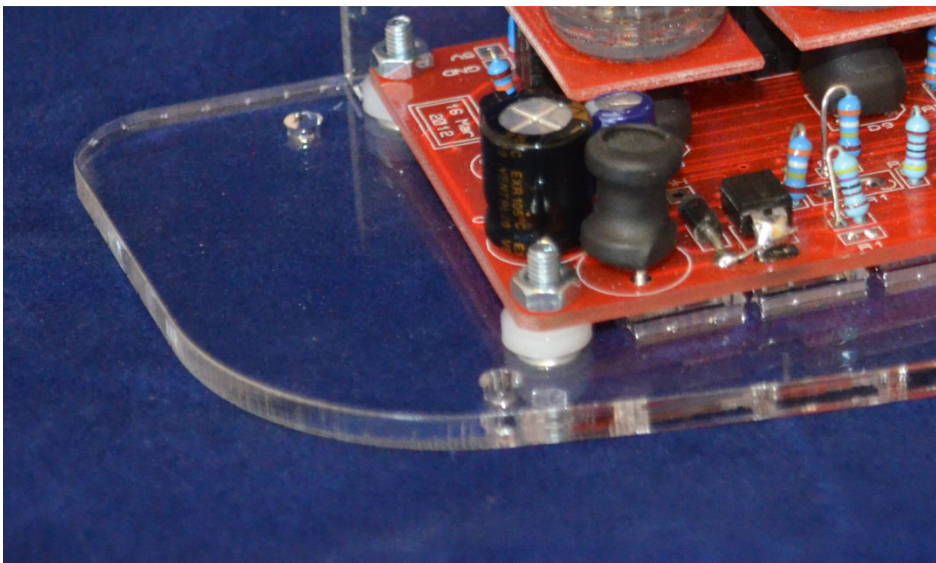
Ensure that the non-tube side of the PCB has all the component leads trimmed as short as possible, and in all cases less than 2mm.

3.2 Mount the PCB on the Plexiglass base

Mount the PCB using the four mounting holes as shown below:

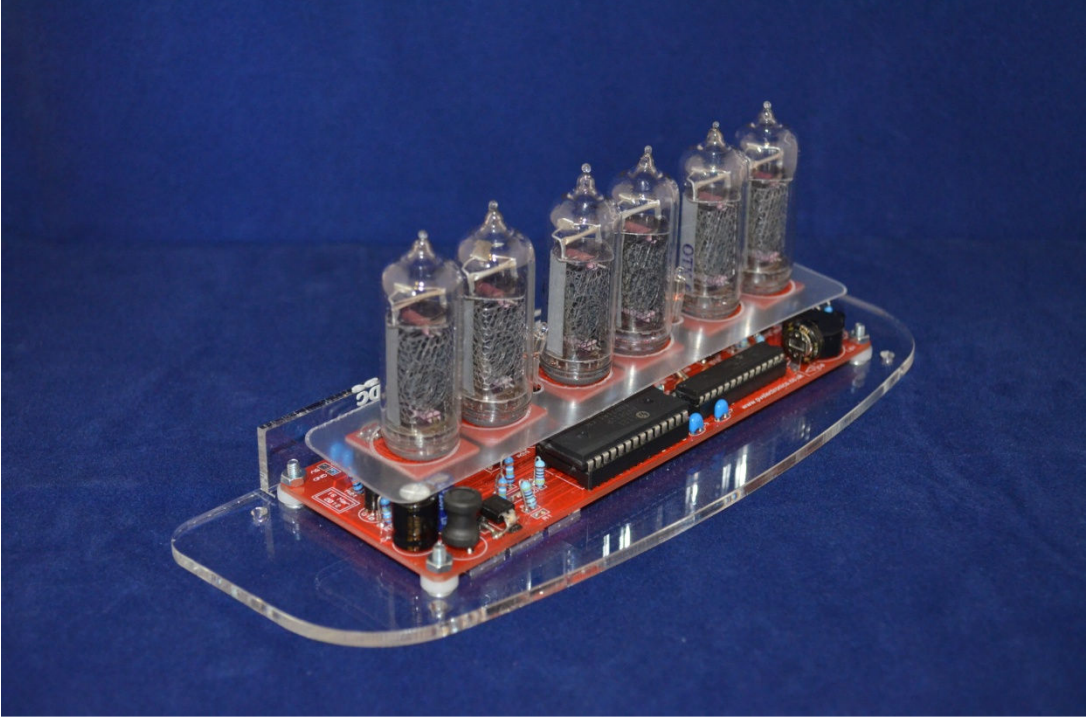


At each corner attach the M3 X 12mm screw, M3 nut and the 2mm plastic spacer.



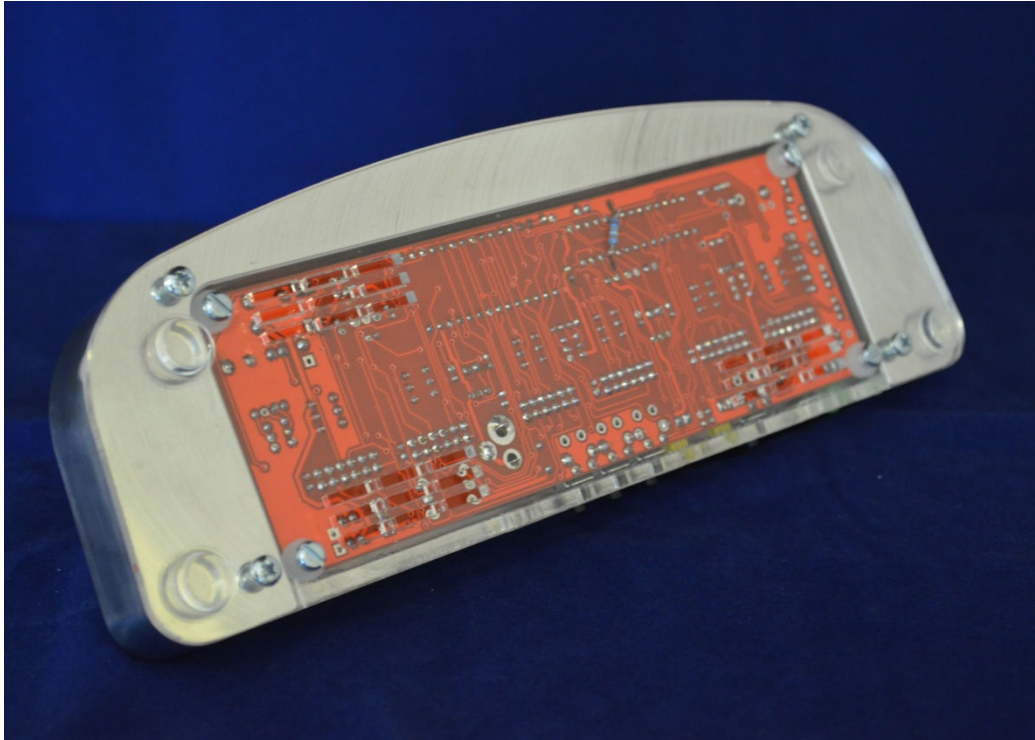
3.3 Attach the insulating sheet

Slide the insulating sheet over the tubes as shown below:



3.4 Mounting in the case

Carefully insert the PCB/base assembly into the aluminium case. Use four M3 X 6mm screws to secure the base to the case. Finally place the four polyurethane rubber feet, as shown below:



3.5 Neon Cover Tubes (ELITE Only)

The neon cover tubes supplied with the kit will be too tall, once the kit is inside the case. You can either omit the cover tubes, or carefully shorten them. Two extras are supplied in case of breakages.

The best way to shorten them is to gently nick one side with a high speed cutting wheel on a 'Dremel' or similar hobby tool. The tube will cut quite cleanly at the point where you make the nick.