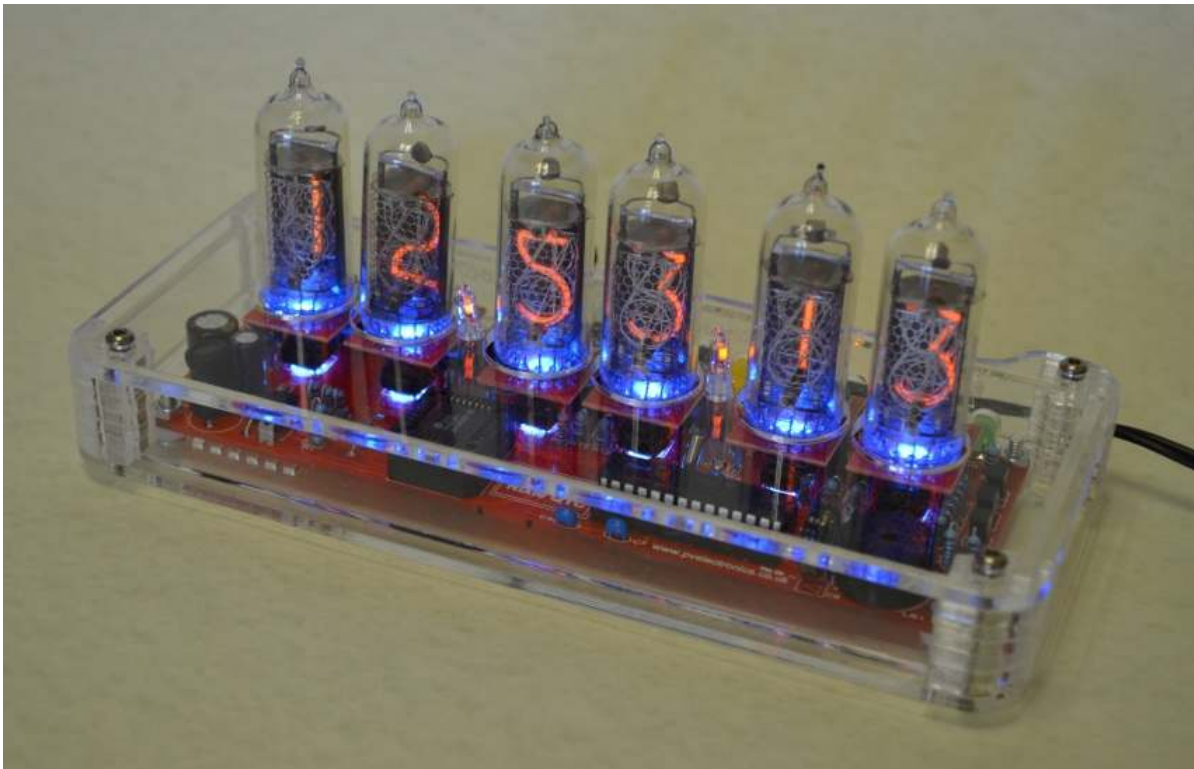


# Assembly Notes

## Plexiglass Case For 'Nixie QTC' Clock



## REVISION HISTORY

Issue Number	Date	Reason for Issue
1	18 September 2012	New document




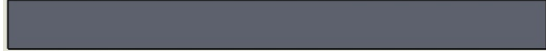
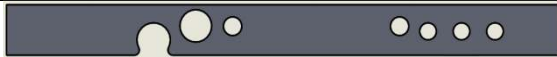
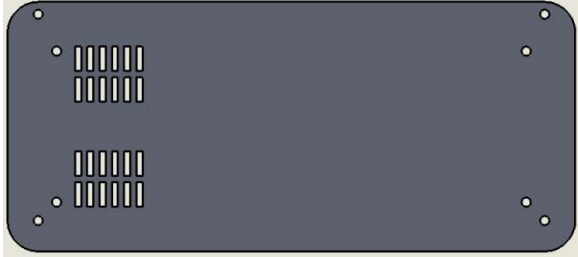
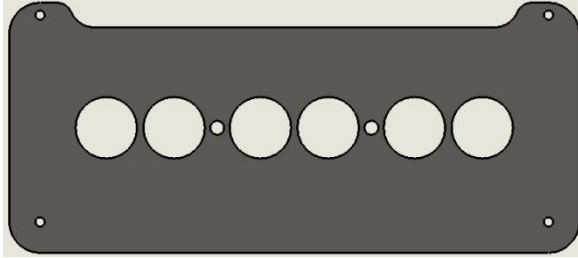


### 1. APPLICABILITY

This case is suitable for the following Nixie Clocks:

'Nixie QTC' :PCB dates

15 March 2012, 4 July 2012, 28 January 2012

## 2. PACK CONTENTS

Component	Qty SixNix	Further info
Front connector	12	
Rear connector	12	
Case side	2	
Case front	1	
Case back	1	
Case base	1	
Case top	1	
M3 X 6mm screw	8	
M3 X 18mm hex threaded spacer	4	
M3 X 12mm screw	4	
M3 nut	4	
2mm spacer	4	
Polyurethane rubber feet	4	

### 3. ASSEMBLY NOTES

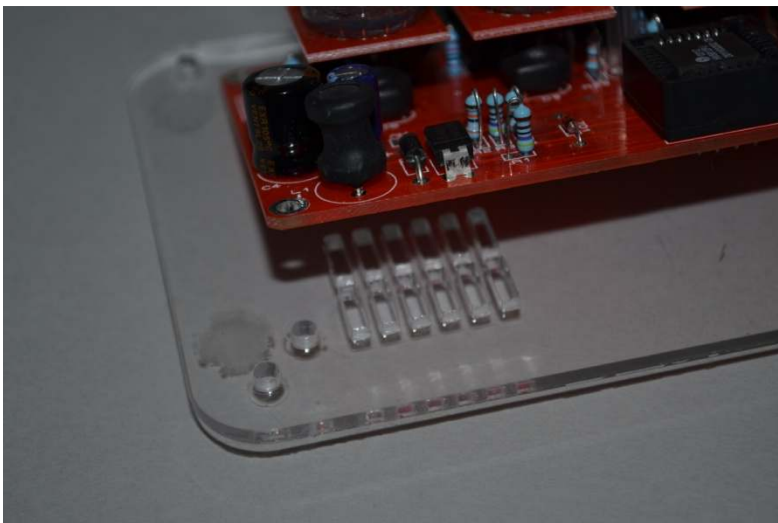
#### 3.1 Prepare the PCB

Ensure that the 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 case

Mount the PCB using the four mounting holes.

**Ensure ventilation slots are positioned to the left of the QTC board, as shown below.**



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



### 3.3 Put the back panel loosely into place



### 3.4 Mount the 18mm hex spacers on the base of the case

Select the components as shown below.

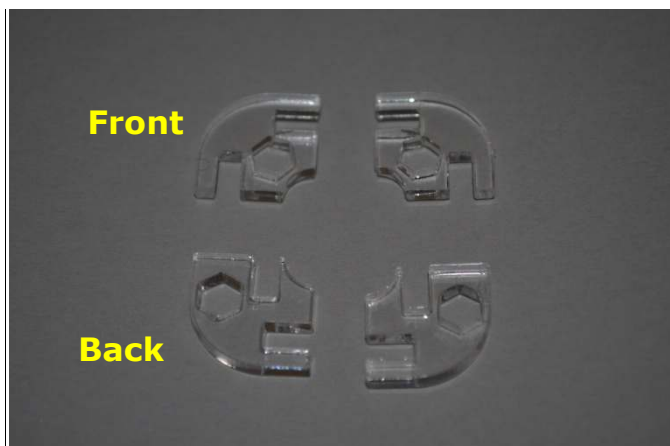


Mount the components onto the base, as shown below. Do this for all four base mounting holes, leaving the screws finger tight.



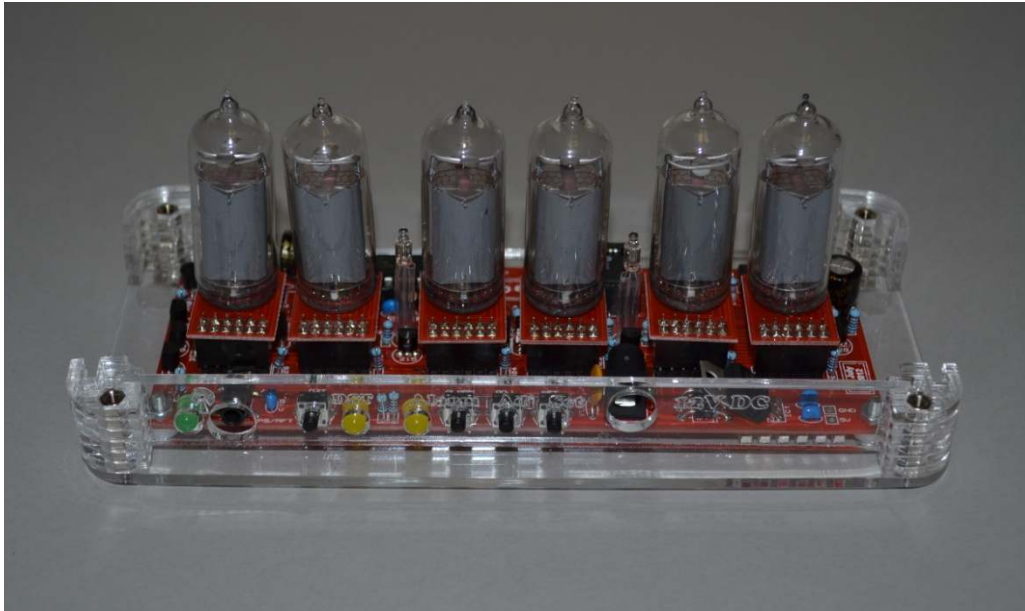
### 3.5 Identify the front and back connectors

Note the different shape of the front and back connectors. Ensure any protective film has been removed:



### 3.6 Assembling the case (1)

Slide six rear connectors over each of the two rear hex spacers and six front connectors over each of the two front hex spacers.



### 3.7 Assembling the case (2)

Slide the front and both side panels into place as shown below:



### 3.8 Assembling the case (3)

Now place on the top cover and secure with the remaining M3 X 6mm screws. You can now gently tighten the four corresponding screws on the base of the case that were left finger tight in step 3.4



### 3.9 Final Assembly

Finally, place the four rubber feet as shown below:

