

# Assembly Notes

## Visio Case For Spectrum 18 Nixie Clock




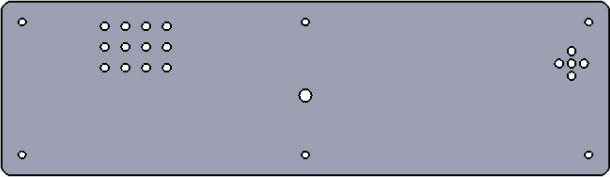
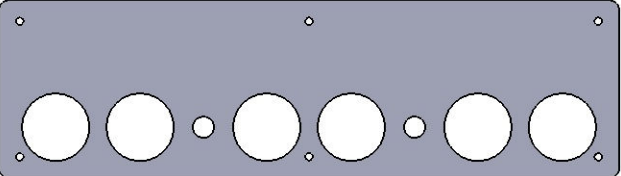



## REVISION HISTORY

Issue Number	Date	Reason for Issue
1	10 February 2015	New document

### 1. APPLICABILITY

This case is suitable for the following Nixie Clock:  
'Spectrum18'.

### 2. PACK CONTENTS

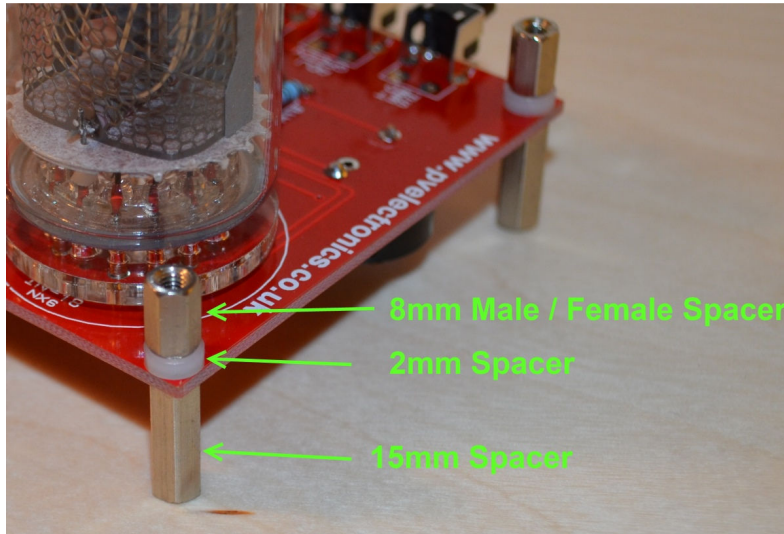
Component	Qty	Further info
Corner Connector	8	
Base	1	
Top	1	
Front	1	
Side	2	
M3 X 2mm spacer	6	
M3 X 15mm screw	6	
M3 X 8mm male / female spacer	6	
Rubber feet	6	

### 3.1 Remove all film from the Acrylic components

Ensure all protective film is removed from all parts. Note that the corner connectors may not have film on them.

### 3.2 Mount the Hex Spacers onto the PCB

Screw the 8mm Male / Female hex spacer from the top of the PCB into the 15mm Female / Female spacer using the spacer as shown. Repeat for all 6 mounting holes of the PCB.



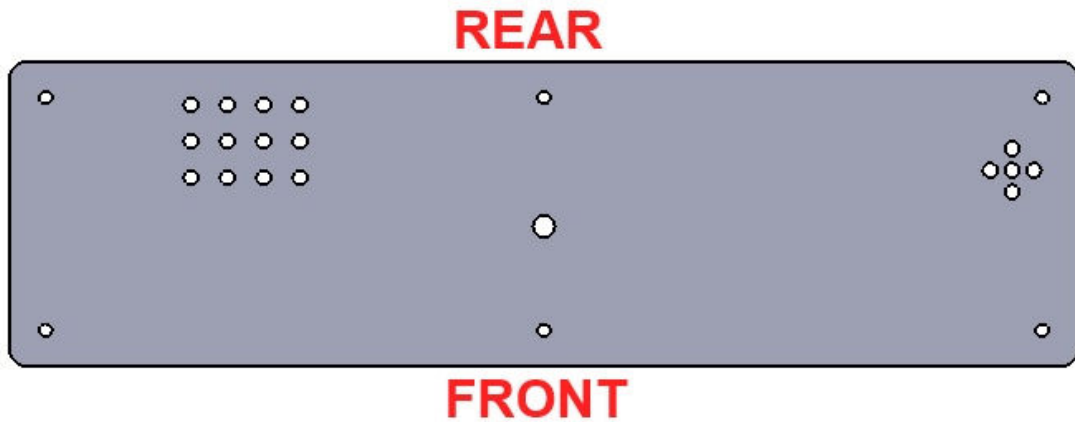
### 3.3 Place 4 X Connectors

Slide a connector over each of the four corner hex spacers on the BOTTOM of the PCB as shown below:

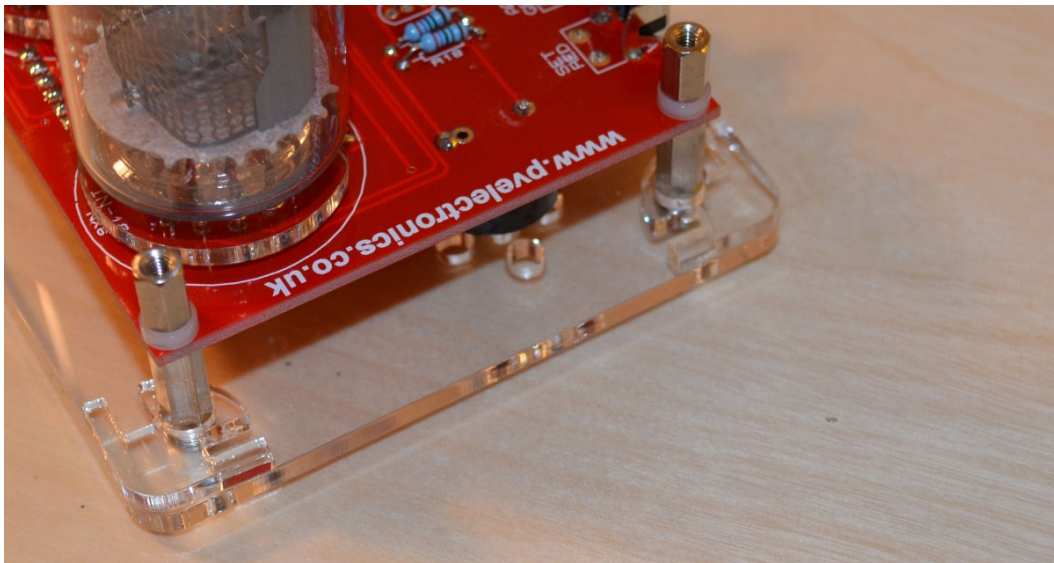


### 3.4 Place PCB onto the the Base

First, note the front and back of the base, and place it down shown:



Now place the PCB over the base, taking care that the temperature sensor IC5 goes into the central hole in the base. You may need to bend the temperature sensor a little to get it to fit.



Secure the base with six M3 X 6mm screws.

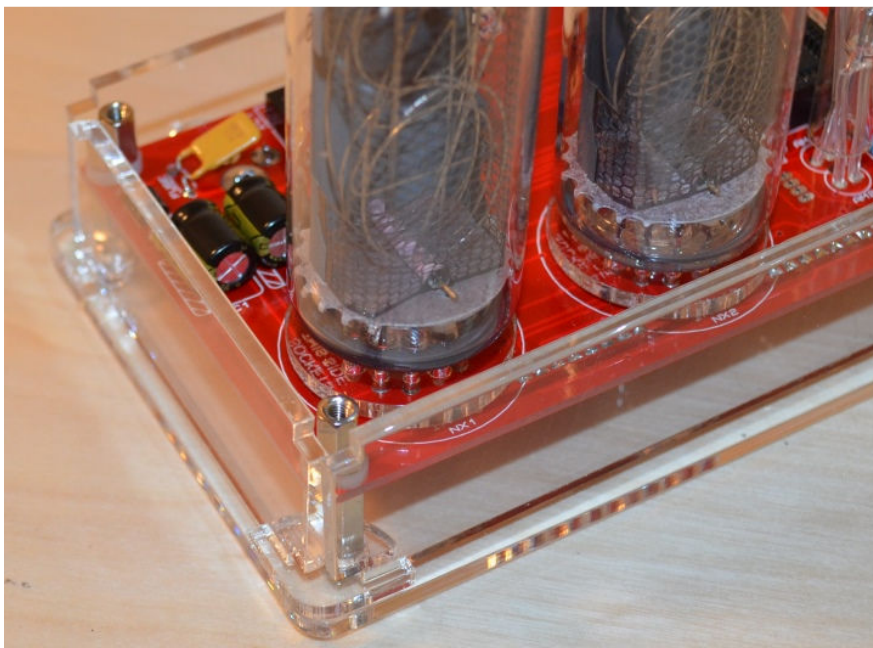
### 3.5 Place the Rear Panel

Place the rear panel. You may need to loosen the rear screws a little to get it to fit into the slots in the corner connectors. Do not force it.



### 3.6 Place the Front and Side

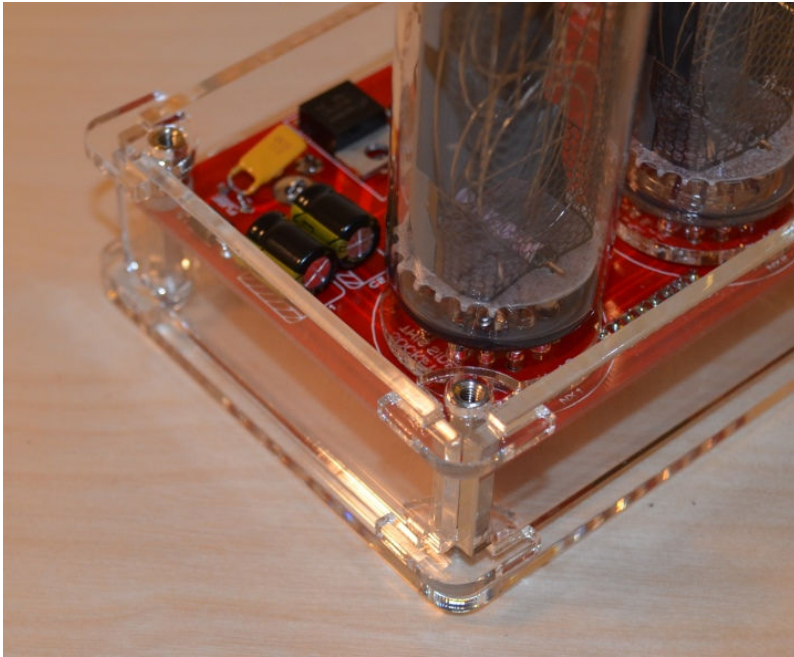
Place the front and sides as shown below:





### 3.7 Add the remaining 4 Connectors

Add the remaining 4 corner connectors, by sliding over the hex spacers to secure the front, side and rear panels:



### 3.8 Place the Top Cover

The top cover can now be placed into position and secured with six M3 X 6mm screws. You may now also re-tighten the base screws. Apply the six rubber feet symmetrically to the base.

