

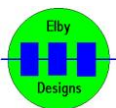


ES17 VC Multiplier 2

Construction Guide

Revision 1.0

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ES17 VC Multiplier 2

Construction of the ES17 requires the assembly of 1 board:-

Column 1 - ES17 PCB ([3D Model](#))

Constructors should refer to the printed Component Overlay for any specific comments regarding the board assembly, the Bill of Materials for the current value of all components and [General Construction Notes](#) for general pcb assembly guidelines. You are advised to check all of these documents on our website to ensure you have the latest copy.

1. Assemble the 3 Carrier Board assemblies ([3D Model](#))
2. Fit all components to the boards following normal assembly guidelines except for sub-assemblies J101, J103 and J301
3. Fit the sub-assemblies to the board and then offer the assembly up to the front panel and secure using the supplied nuts
4. Solder the sub-assemblies in to place

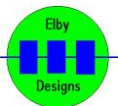
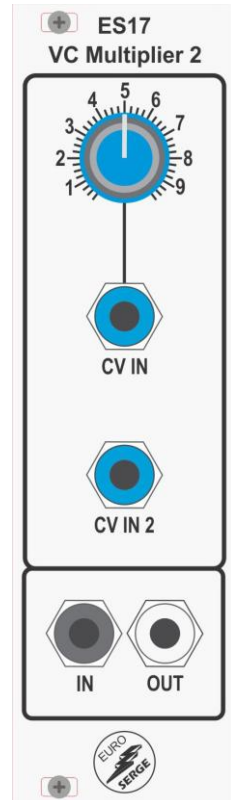
Calibration

Equipment required:

1. 500Hz 2VDC p-p square wave

Calibration procedure:

1. Connect a square wave to [CV IN]
2. Set [CV IN] control to maximum
3. Monitor [OUT]
4. Adjust P102 for minimum output



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