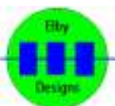




ES37 Quantizer

Construction Guide

Revision 0.1
June 30th, 2018



ES37 Quantizer

Construction of the ES37 requires the assembly of 3 boards:-

Column 1 - ES37 Channel PCB ([3D Model](#))

Column 2 - ES37 Channel PCB ([3D Model](#))

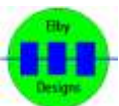
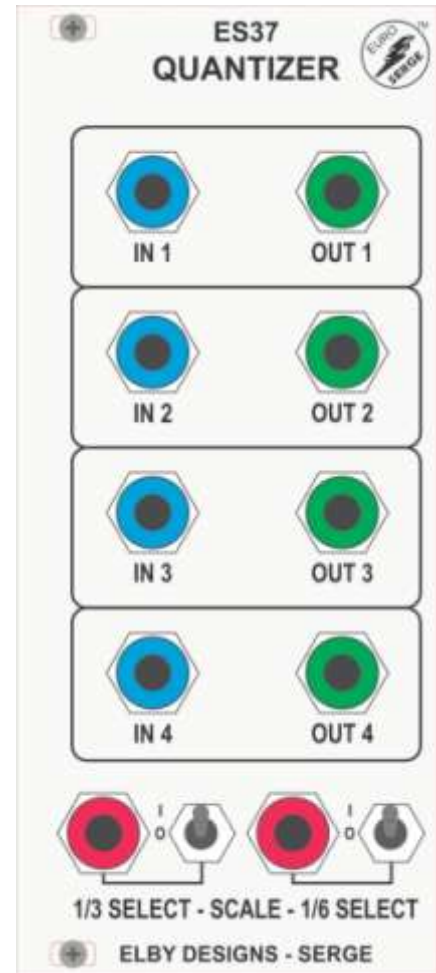
Back Board - ES37 Main PCB ([3D Model](#))

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 2x Switch Carrier Board assemblies ([3D Model](#))
2. Assemble the 8x Jack carrier Board assemblies ([3D Model](#))
3. Fit all components to the boards following normal assembly guidelines except for the sub-assemblies
4. Fit 1x switch sub-assembly and 4x jack sub-assemblies to the Column 1 board and then offer the assembly up to the front panel and secure using the supplied nuts
5. Solder the sub-assemblies in to place
6. Repeat for the Column 2 board
7. Mount the back board ensuring it is correctly aligned with the IDC headers
8. Fit the jumper shunt on JP102 in the position marked '4'

Calibration

Adjust P301 so that TP2 measures 5.33V



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