

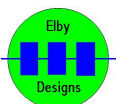


## ES09 Positive Slew Generator

### Construction Guide

Revision 1.0

March 15<sup>th</sup>, 2016



# ES09 Positive Slew Generator

Construction of the ES09 requires the assembly of 2 boards:-

Column 1 - Panther Jack PCB ([3D Model](#)) ([Overlay](#))

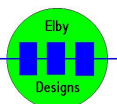
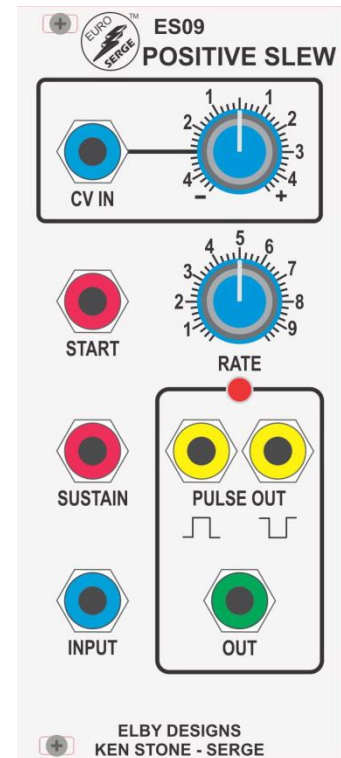
Column 2 - ES09 PCB ([3D Model](#)) ([Overlay](#))

Constructors should refer to the PCB Overlays for any specific comments regarding the board assemblies, the [Bill of Materials](#) for the current value of all components and [General Construction Notes](#) for general pcb assembly guidelines.

1. Assemble the 2x Jack Carrier Board assemblies (3D Model)
2. Fit all components to the boards following normal assembly guidelines except for J103, J104 and D202.
3. Mount the J103 and J104 assemblies but do not solder
4. Offer the whole assembly up to the front panel securing all panel components using the nuts supplied
5. Solder the J103 and J104 assemblies in to place
6. Mount the Column 1 assembly
7. Connect the 2 column assemblies using the supplied IDC cable

## Calibration

1. Set [RATE] to its mid-position of '5'
2. Patch negative [PULSE OUT] to [INPUT]
3. Monitor [OUT]
4. Adjust P203 for a frequency of 5Hz



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