

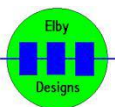


## CGS721 Super Psycho LFO

### Construction Guide

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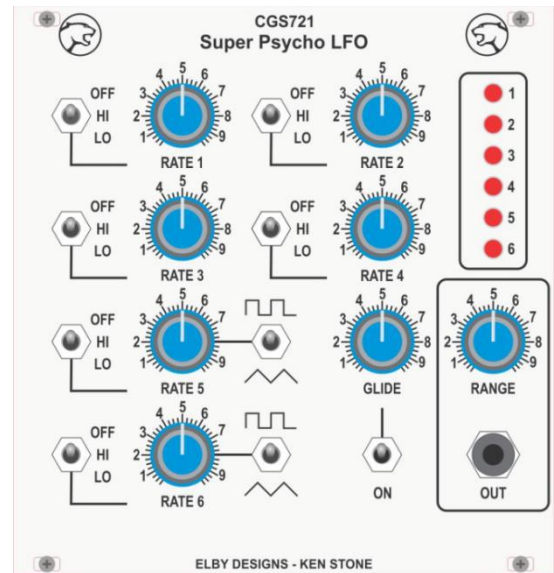
# CGS721 Super Psycho LFO

Construction of the [CGS721](#) involves assembling 5 PCBs:-

1. Column 1 - Panther Support Jack ([3D Model](#))
2. Column 2 - Panther Support Pot ([3D Model](#))
3. Column 3 - Panther Support Jack ([3D Model](#))
4. Column 4 - Panther Support Pot ([3D Model](#))
5. Column 5 - CGS721 - Col5 PCB ([3D Model](#)) ([Overlay](#))
6. Backboard - CGS721 ([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.

- Start by assembling the Switch Carrier ([3D Model](#)) and Jack carrier ([3D Model](#))
  - Assemble the Column 1 PCB
  - Assemble the Column 2 PCB
  - Assemble the Column 3 PCB
  - Assemble the Column 4 PCB with the exception of the Switch Assembly
  - Assemble the Column 5 PCB with the exception of the LEDs and Jack Assembly
  - Assemble the main board
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- Mount the Jack carrier on to the Column 5 PCB but do not solder.
  - Offer the sub-assembly up to the front panel and loosely secure using the supplied nuts and washer.
  - Ensure that the PCB sits parallel to the side of the panel and when satisfied, fully tighten the pot nut
  - Solder the jack Assembly.
  - Form each of the LEDs, install and solder in to place
  - Remove the Column PCB assembly
  - Mount the Switch Assembly on to the Column 4 PCB but do not solder
  - Offer the sub-assembly to the front panel and secure using the supplied nuts and washers
  - Ensure that the switch body sits parallel to the side of the panel and solder in to place
  - Install all remaining column PCBs and secure using the supplied nuts and washers.
  - Mount the backboard ensuring that he IDC connectors are correctly aligned.



## Calibration

The CGS721 does not require any calibration.

