



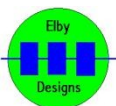
IF108 ChaQuo

Construction Guide

Revision 2.1

PCB V2.0

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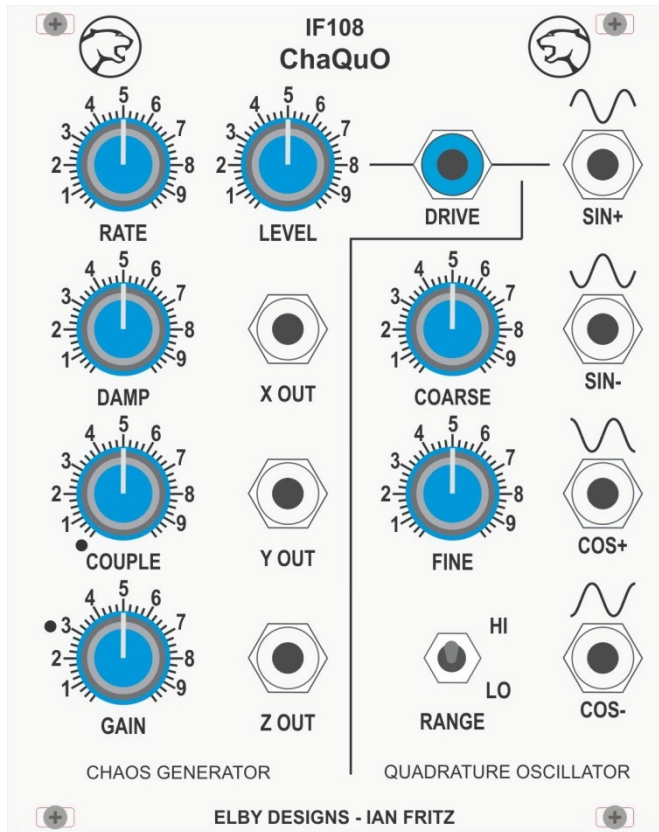
IF108 - ChaQuo

Construction of the IF108 requires the assembly of 5 boards:-

- Column 1 - IF108 Column 1 PCB ([3D Model](#)) ([PCB Overlay](#))
- Column 2 - Panther Pot PCB ([3D Model](#))
- Column 3 – IF108 Column 3 PCB ([3D Model](#)) ([PCB Overlay](#))
- Column 4 – Panther Jack PCB ([3D Model](#))
- Backboard – IF108 PCB ([3D Model](#)) ([PCB Overlay](#))

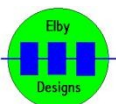
Constructors should refer to the PCB Overlays for any specific comments regarding the board assemblies, the [Bill of Materials](#) for the current value of all components and [General Construction Notes](#) for general PCB assembly guidelines.

1. Assemble the 4x Jack Carrier Board assemblies ([3D Model](#))
2. Assemble the 1x Switch Carrier Board assembly ([3D Model](#))
3. Fit all components to the boards following normal assembly guidelines except for all the jack sub-assemblies
4. Mount the 3x jack sub-assemblies to the Column 2 board but do not solder
5. Offer the assembly up to the front panel and secure the using the supplied nuts and washers
6. Solder the jack sub-assemblies in to place
7. Mount 1x jack sub-assembly and 1x switch sub-assembly to the Column 3 board but do not solder
8. Offer the assembly up to the front panel and secure using the supplied nuts and washers
9. Solder the sub-assemblies in to place
10. Install the Backboard ensuring the correct alignment of the IDC connectors



ADDENDUM

A PCB error on the main PCB requires that a wire link be fitted between J102_1 and J202_1 as shown on the [PCB Overlay](#)



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