



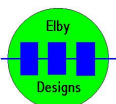
IF120 - Chaotica

Construction Guide

Revision 2.0

PCB V1.1

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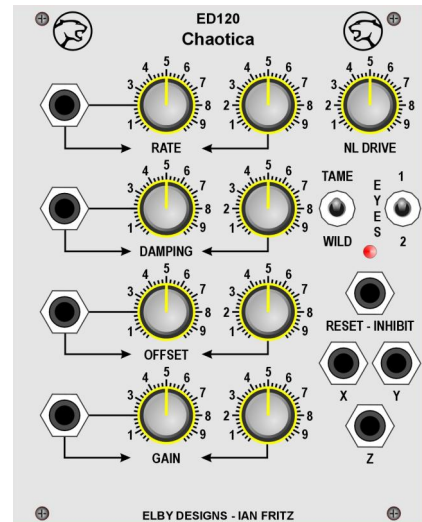
Panther Series – IF120 Chaotica

The IF120 comprises 1 main board and 3 Support boards.

- Column 1 - Panther Jack ([3D Model](#))
- Column 2 - Panther Pot ([3D Model](#))
- Column 3 - Panther Pot ([3D Model](#))
- Column 4 – IF120 PCB ([3D Model](#)) ([Overlay](#))

Construction of these boards should follow the [General Construction Guidelines](#).

1. Start by building the 3 Support boards and check that they fit the Front Panel.
2. Populate the main board with all [components](#) except J101, J102, J204, S102 and D108 and their respective Carrier boards where applicable. When fitting J103, S101 and P101, make sure that they are square and flush to the board and check their alignment by fitting to the Front Panel.
3. Prepare J101, J102, J204 and S102 by mounting them on to their Carrier boards again making sure that the components are reasonably square and flush to the boards.
4. Position these 4 items on to their headers on the Main board and offer the assembly up to the Front Panel guiding all items in to place (if preferred you may fit one at a time but make sure that you hand tighten already mounted components to ensure a consistent fit).
5. Carefully bend the LED legs to 90°. The bend should be made about 5mm from the body of the LED and care should be taken not to stress the legs where they enter the LED body. Also note the orientation of the LED. Insert the LED and solder in to place.
6. Fit the 3 Support boards
7. Fit the cables. Each cable is identified in the BOM on the page relative to the board it is on i.e. the 14cm cable is listed on the BOM for Column 1 and so one end should be fitted on to that Support board while the other end goes to the header marked COLUMN 1 on the main PCB.



The IF120 does not require any calibration.

