



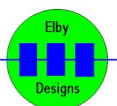
Congratulations on your purchase of this product.

The enclosed CDROM includes all the schematics, component overlays, Bills Of Materials and assembly documentation (in Acrobat PDF format) but readers are requested to visit my website to check for latest updates and/or enhancements or suggestions.

In addition to material detailing construction of the pcb itself there are also guidelines on how to `complete` your digital synthesiser project including wiring details for the panel components and some suggested panel layouts.

Please feel free to email me with any enquiries you may have regarding this or any other related product.

You will require an Acrobat PDF viewer for the schematics and documentation.



MiniWASP-MIDI – A MIDI retrofit kit for the EDP WASP

Construction of the miniWASP-MIDI is fairly straight forward and requires only basic soldering and assembly skills.

Stage 1

Construction should start with some mechanical preparation.

1. Place the pcb in the base of the WASP Enclosure and mark the 2 mounting points. We recommend the board be placed in the back slot of the base and positioned centrally between the speaker and panel connections as shown. Drill the two fixing holes using a 3.2mm drill (approximately 1/8").
2. Fit the 2 locknuts to the spacers
3. Secure the spacers in to the case using the M3x6mm screws
4. Remove the LINK sockets from the WASP front panel. We will be replacing one of these with a 5-pin MIDI-IN socket. The other socket should either be blanked off or the original LINK socket left in but unwired.

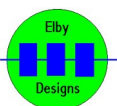


Stage 2

1. Construction should then move on to the pcb itself. Build the board up from the smallest components like diodes and resistors up to the largest components such as the connectors. The component overlay supplied with the board indicates, by designator, the location of each component which should be cross-referenced with the BOM to identify each component. Pay particular attention to the orientation of polarized components such as diodes, electrolytic and tantalum capacitors and the semiconductors.
2. There are 7 resistors used to interface to the LINK port on the WASP. These are mounted in to the LED positions as shown.
3. The flying leads for power and MIDI-IN should be fitted at this stage.
4. The existing LINK cable will need to be terminated to the PCB. Follow the wiring details on the overlay.

Addendum

Cut the track from U101_10 to X101_5 (on the underside of the PCB) and replace with a wire link from U101_9 to X101_5



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Stage 3

1. Mount the pcb on to the enclosure base using the nuts-washers assemblies.
2. Terminate the power leads (Red & Black) on to the legs of C8 as shown in the photo
3. Terminate the MIDI-IN leads (Green and Yellow) to the back of the MIDI-IN socket

