

Dtronics Linnterface V1.03 Installation Manual

Document version v1.03

V1.01 : Initial document

V1.02 : - updated info connection midi connector :

“Connect the wire ends to the MIDI connector + to pin 4, - to pin 5.”

- Placed image to show “Connect the blue and brown wire to the resistor and capacitor as shown here:”

V1.03 : added picture nylon washer and picture showing the place to connect the power.

Thank you for purchasing the DTronics Linnterface upgrade for your LinnDrum LM2.

This product has been carefully engineered and thoroughly tested to guarantee optimum performance and user satisfaction for many years to come.

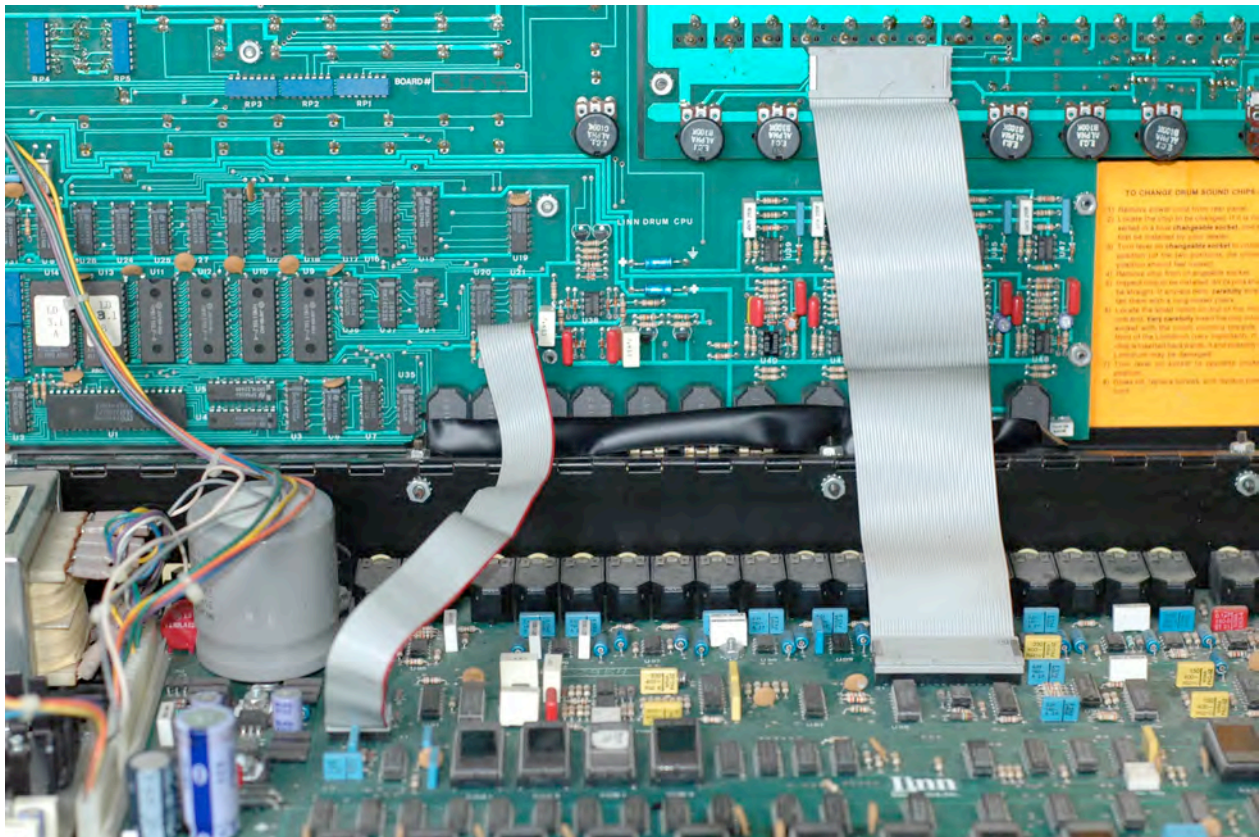
Please read these installation instructions carefully!

STEP 1

Prepare **LinnDrum LM2** by removing the 3 screws on the front of the machine and open the "hood" by lifting the front panel.

Make sure the frontpanel can rest firmly when the unit is open to prevent stressing the chassis.

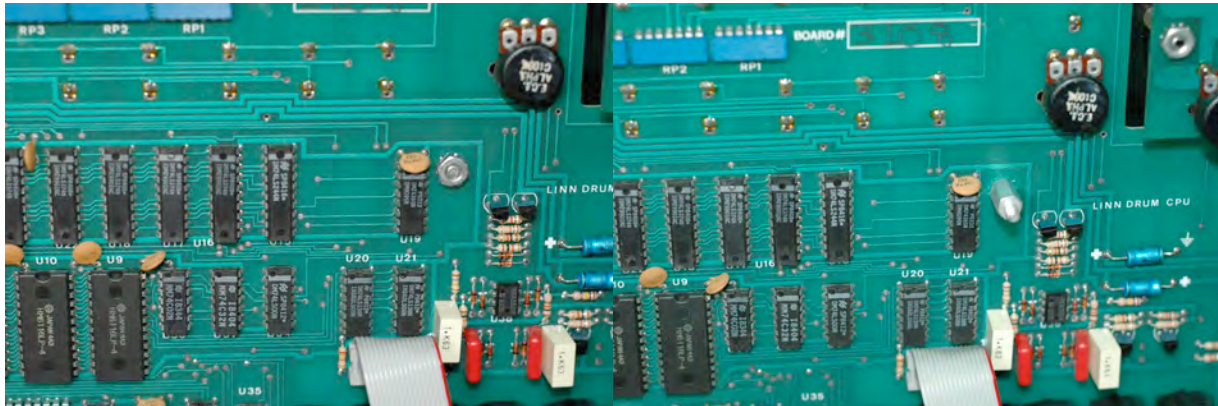
The unit will look like this when open:



STEP 2

- A Remove the circuit board screw on the LinnDrum CPU Board just below the tempo knob.
- B Replace it with the supplied riser screwbolt to create a higher point mounting place.

Linndrum should look like this:



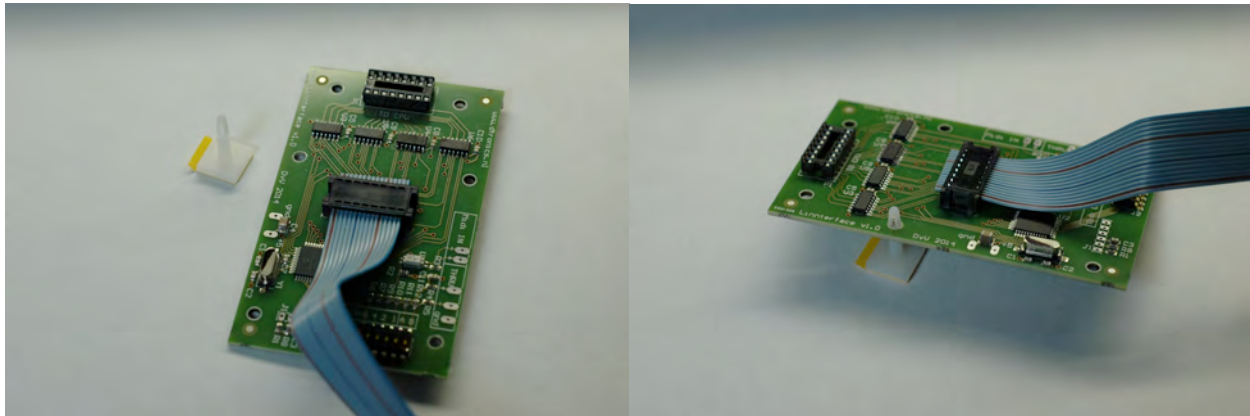
A

B

STEP 3

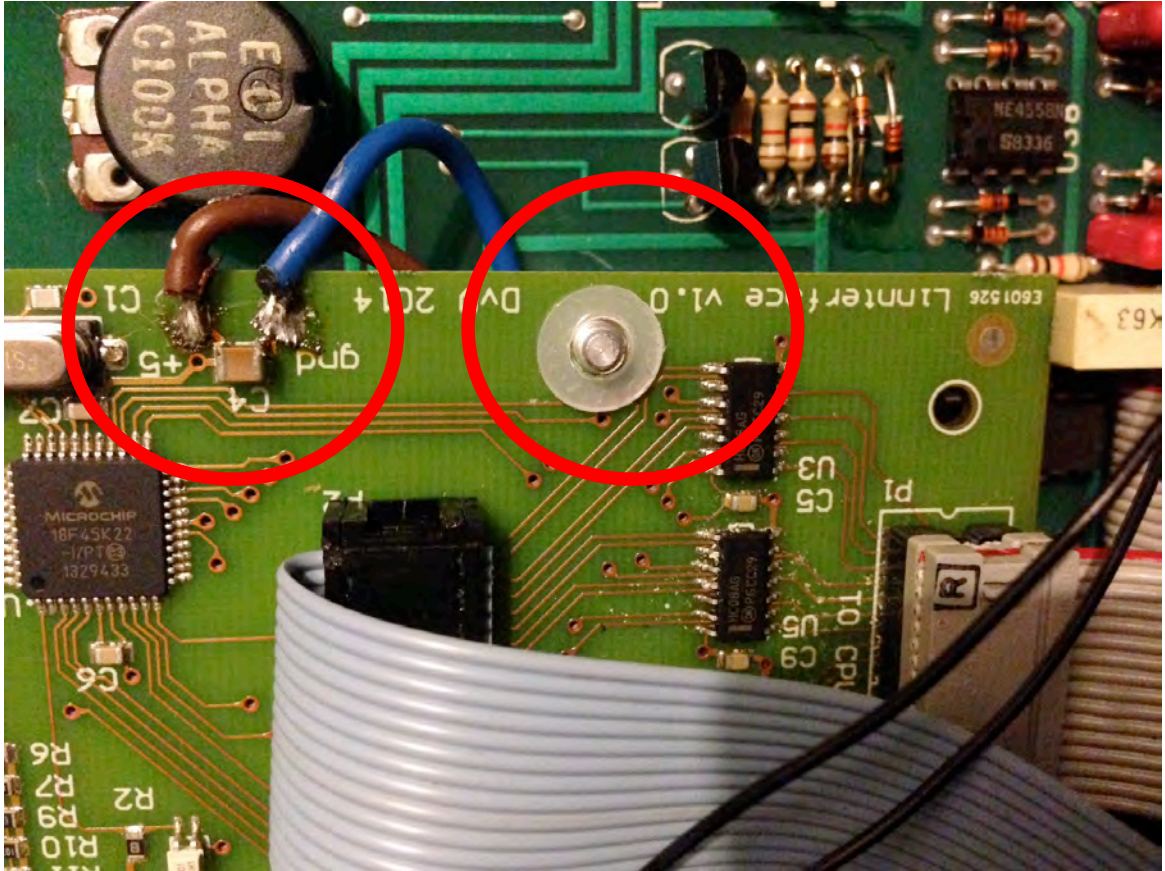
Prepare the Lininterface board by mounting the "sticker clamp" to the board as shown below.

The Lininterface board should look like this:



STEP 4

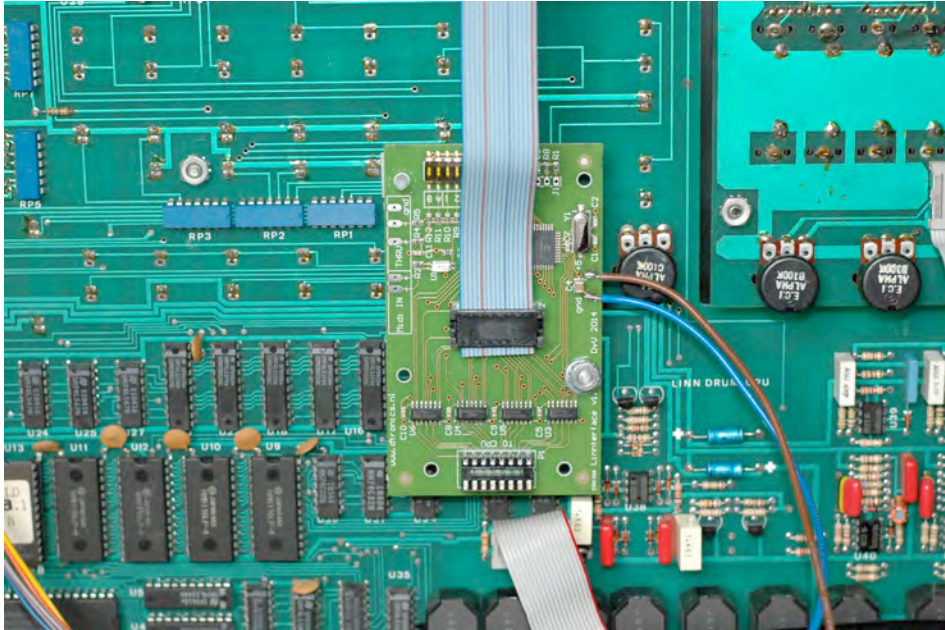
- Solder a blue and brown wire to the Lininterface board.



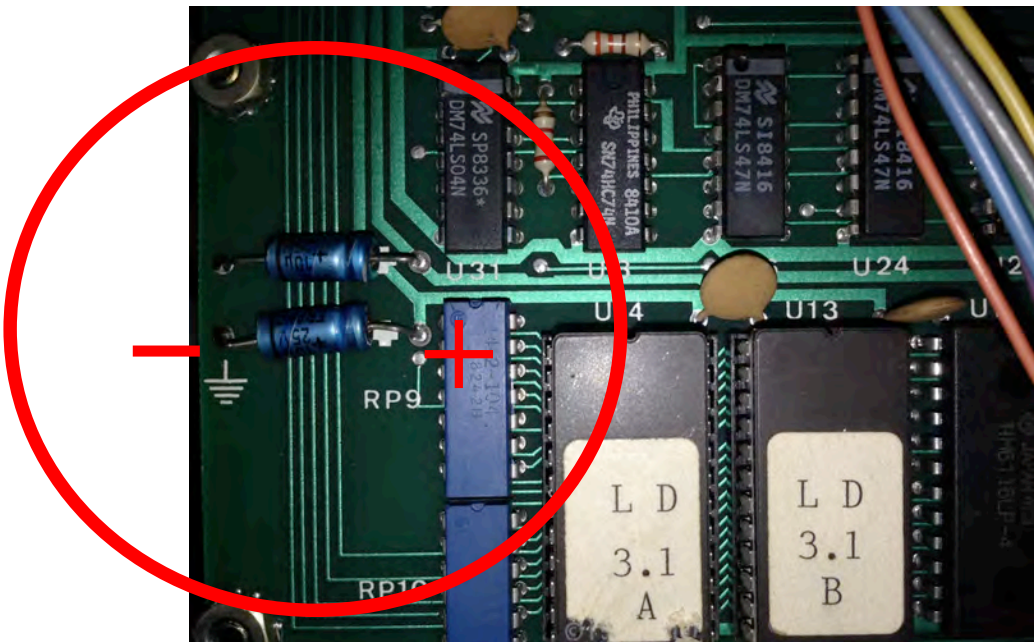
- **PLACE THE NYLON WASHER BETWEEN THE PCB AND THE NUT**
- Degrease the place where the stickerclamp will be placed with a cottonswab with nailpolish remover or alcohol.
- Remove the stickerpad on the Lininterface stickerclamp and place the board like shown below.

- Fix the board by mounting the screw gently but tightly..

The situation should look like this:



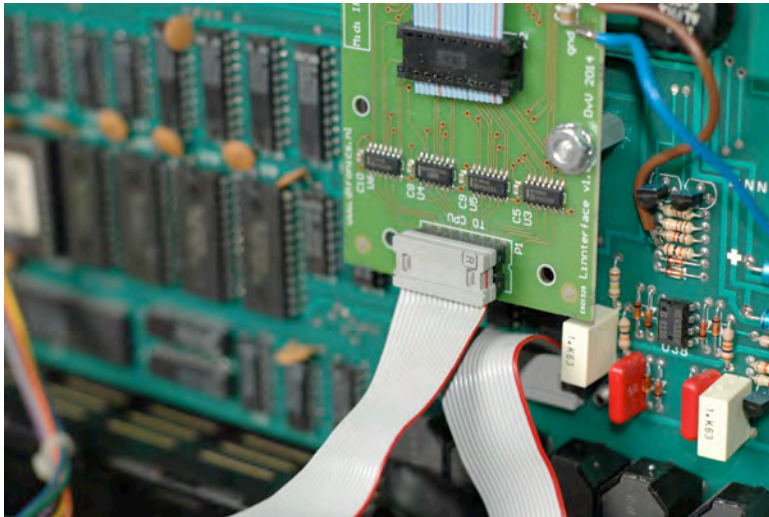
- Connect the blue and brown wire to the capacitor for the power. The capacitor is located on the PCB next to the Eproms. Watch the + and the - to prevent damage. Solder the blue on the - and the brown on the + side of the bottom capacitor.



STEP 5

- CAREFULLY disconnect the data cable from the MAIN board and connect it carefully to the Lininterface board.

The situation should look like this:



STEP 6

- Connect the cable that came already connected to the Lininterface board to the empty socket you created in the previous step.

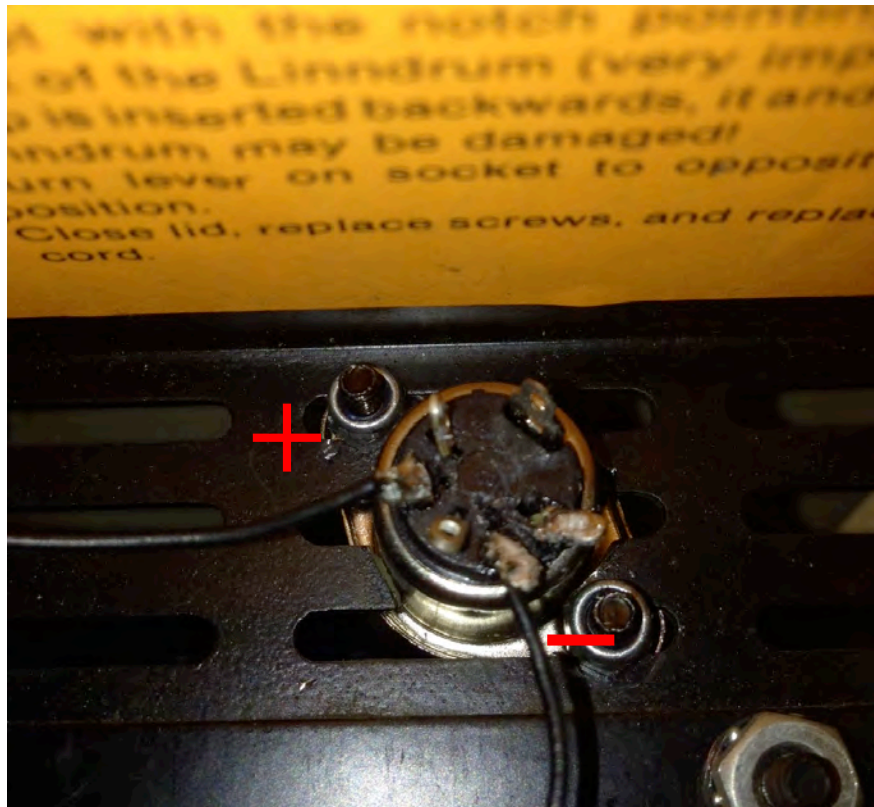
The situation should look like this.



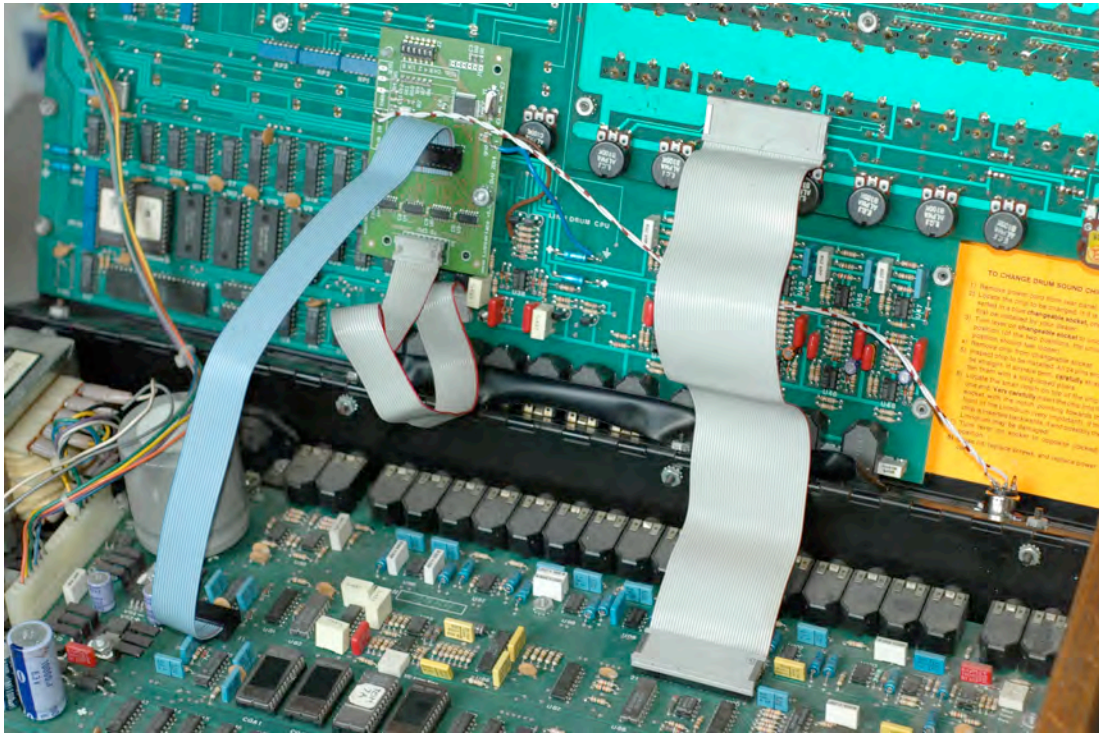
STEP 7

- Solder two wires to the MIDI IN terminals.
- Drill a hole in the chassis to place the MIDI connector.
- Connect the wire ends to the MIDI connector + to pin 4, - to pin 5.

The situation should look like this:



The total overview of the unit should now look like this:



STEP 8

- Set the MIDI channel by changing DIP switches, and test the unit.

STEP 9

- Rebuild the unit, place the unit screws back in place after closing the machine.

STEP 10

- Have yourself a drink and celebrate your success! Cheers!

Enjoy the machine as you did before, with MIDI functionality that respects the GENERAL MIDI format.

2014 Manual written by Karel Post for Dtronics.