Installation Guide

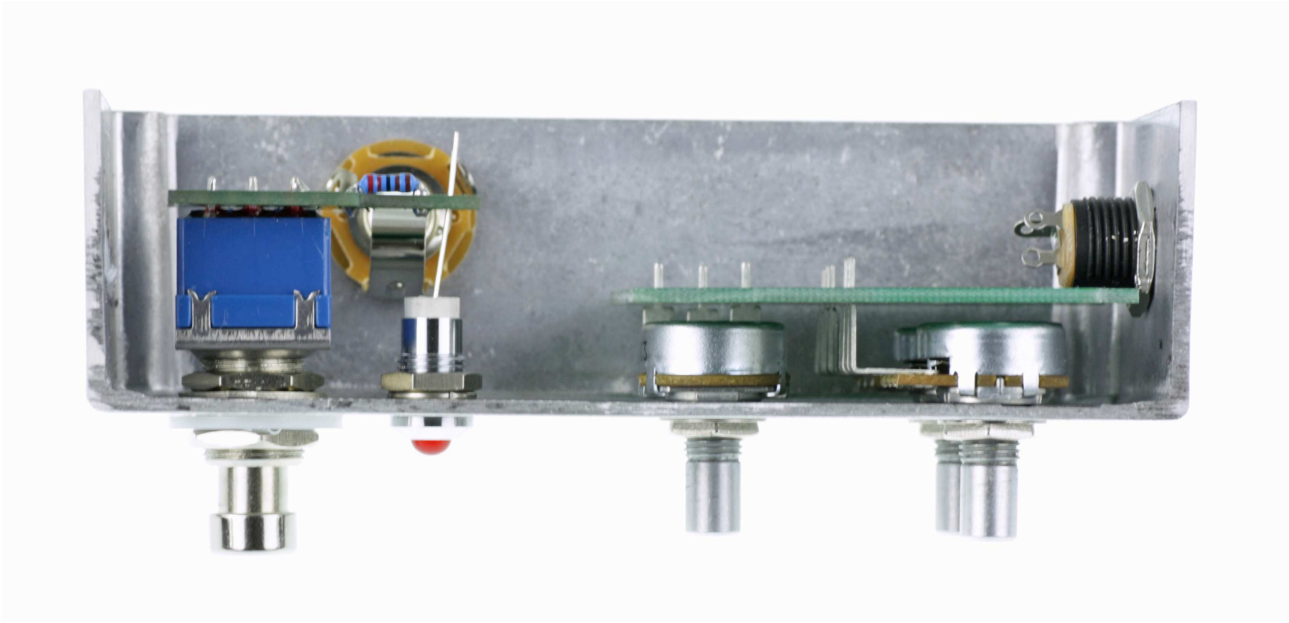
To successfully build your Musikding kit follow these steps:

Enclosure:

1) Mount the phone jacks in the enclosure.
2) Mount the DC jack.
3) Mount the LED bezel to the enclosure. Remove the plastic part of the bezel, put in the LED and press everything back to the bezel so that the long pin ("+") is on the right side.

3PDT pcb:

1) Solder the LED resistor ("Rled"), all wires and the 3PDT switch to the pcb.
2) Mount the 3PDT switch with the board in the enclosure. Put the LED pins through the holes on the pcb (long pin is +).
3) Solder the LED to the pcb.
4) Solder the wires from the board to the jacks.



Main pcb:

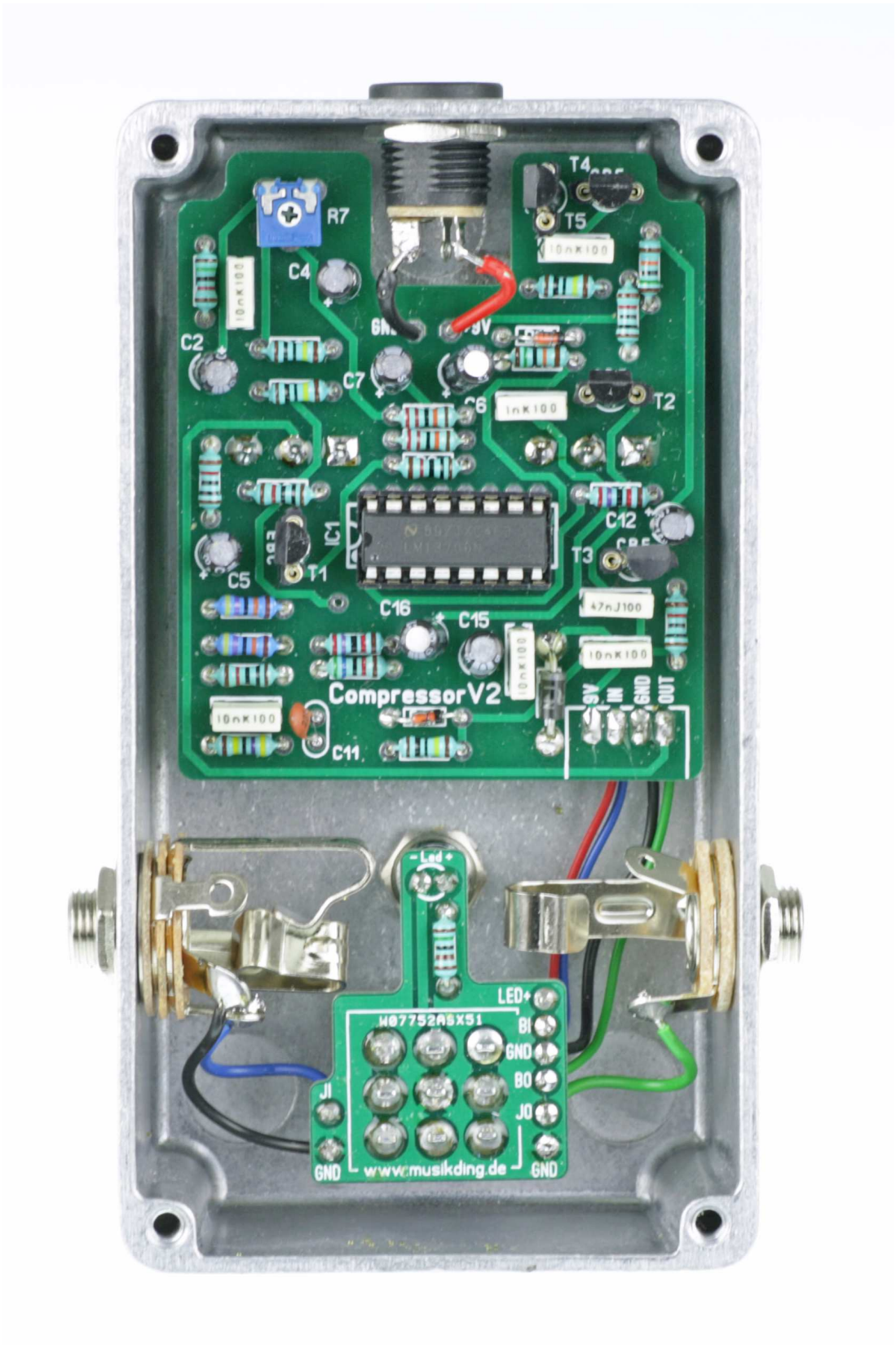
1) Populate the pcb with all parts except the potentiometer. Start with the lower parts like resistors and diodes, then continue with IC and transistor socket. Finally solder the capacitors.
2) Solder the black and red wire for the DC jack.

Potentiometer:

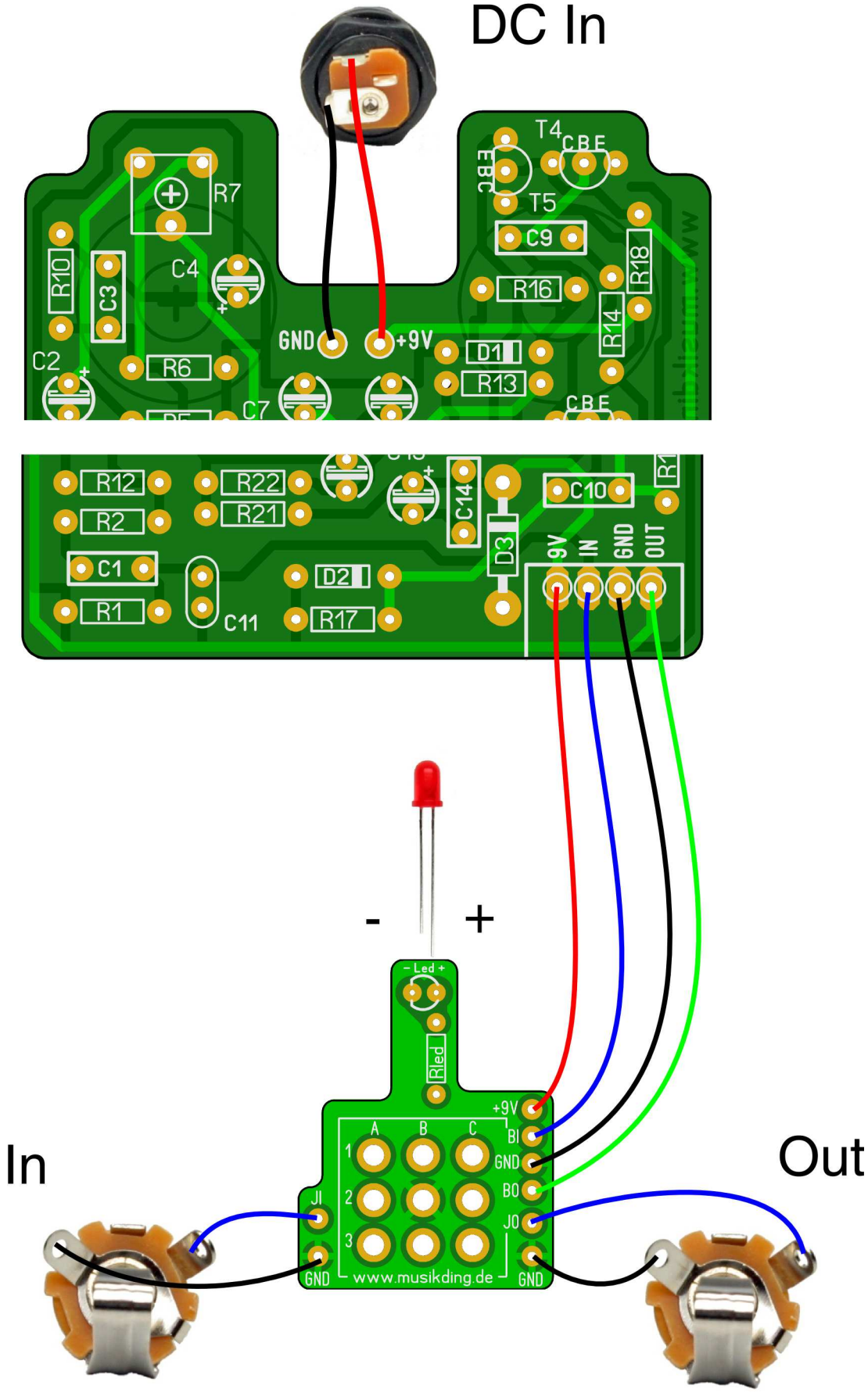
1) Put a flat bumper on every potentiometers back. Those are for preventing touching the pots backs to the solder joints on the pcb.
2) Then solder one pin of each potentiometer to the pcb. This later enables mounting the potentiometer in the enclosure without putting to much stress on the solder joints.
3) Mount the potentiometers holding the board to the enclosure. Align the pots and fasten the nuts. Then solder all potentiometer pins on the pcb.
4)

Final Step:

1) Solder the wires from the 3PDT pcb to the main pcb.



Wiring Guide



This guide is under progress, it will be updated from time to time, so keep checking for newer versions.

If you have any question concerning the build process, just send me an eMail:
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