Shock Electronix

VOLCAMOD
MIDI OUT Modificator

Installation Guide for the Volca Beats V01

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Introduction:

Congratulations on your purchase and thank you for supporting Shock Electronix.

The Shock Electronix VolcaMod MIDI OUT modificator is one of the simplest and easiest MIDI OUT mods on the market. The modification has purposely been designed for those with very basic assembly and soldering skills.

Once installed correctly the VolcaMod MIDI OUT modificator will allow you to take advantage of the additional features and functions found within your regular Volca-series device.

The VolcaMod MIDI OUT modificator will be of great benefit to those who wish to control and sequence other MIDI enabled hardware and software.

Across the range of the Volca-series, the VolcaMod MIDI OUT modificator will enable such features as, START / STOP Sequencing, NOTE ON / OFF, Triggering, Tempo Adjustment, Play and Change Octave. Some other controls will also be enabled with the VolcaMod, but not all due structural limitations as set by, and not supported by the manufacturer.

The VolcaMod MIDI OUT modificator has a 5-year warranty.

We are sure that you will reap the rewards of this simple modification.

Disclaimer:

Whilst we have made every effort to ensure that the product is of high quality, and working perfectly we would appreciate you read our disclaimer below.
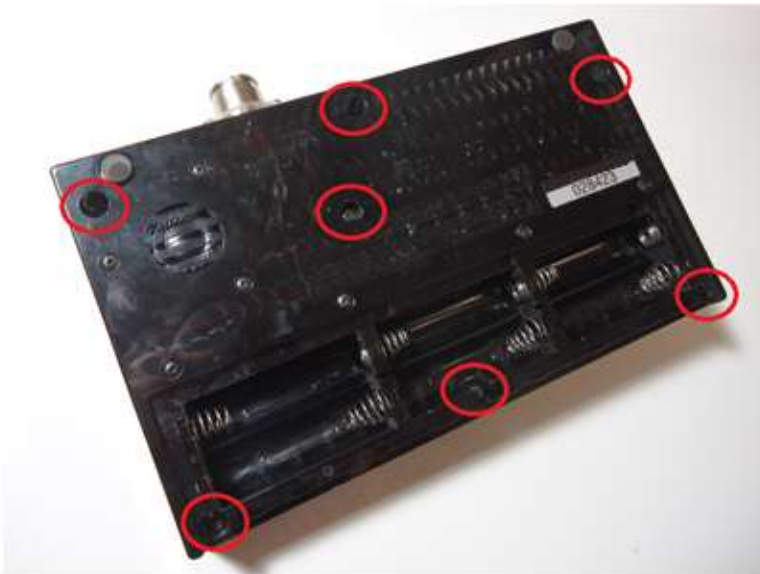
- Shock Electronix provides a 5-year warranty on the VolcaMod MIDI OUT modificator.
- If you do not feel comfortable with installing the VolcaMod MIDI OUT modificator, then please consult a qualified technician.
- It is essential that you "**test your Korg Volca-Series device first"**, before the VolcaMod MIDI OUT Modificator installation to ensure your device is fault free, and that any warranty issues are resolved with the manufacturer prior to installation.
- Any modifications to the original OEM design of your Korg Volca-Series device **may void its warranty in full.**
- Shock Electronix accepts responsibility for the design of the VolcaMod MIDI OUT modificator.
- Shock Electronix does NOT accept responsibility for any damage, loss or harm that may result during installation.
- "Volca" is a trademark of KORG Inc. Japan, all other trademarks and copyrights are property of their respective owners.

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Installation: (Let's do this!)

In order to perform this mod quickly and effectively you will need the following tools:
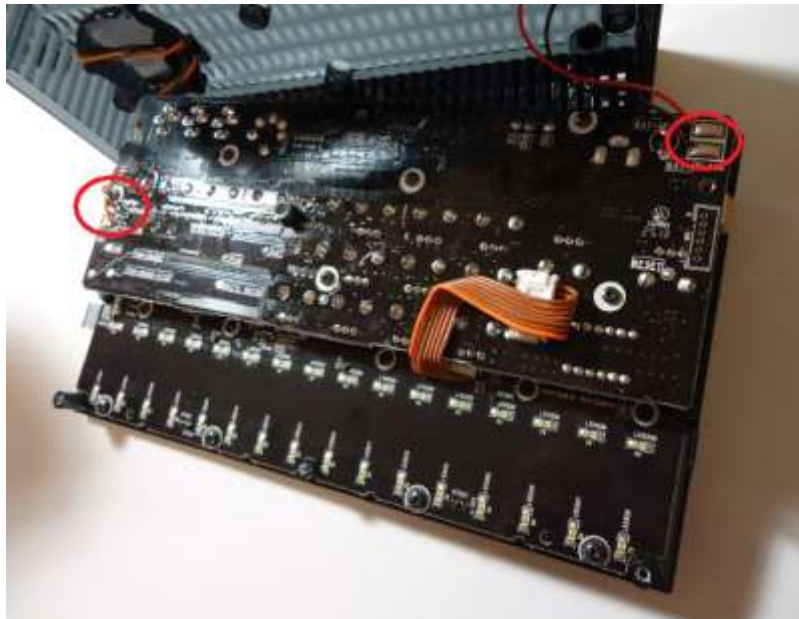
1. Small Philips head screw driver and pliers.
2. Soldering iron and a very small amount of solder.
3. Drill with a 3.5mm and 9mm drill bit.

Step 1: Remove battery compartment, and remove screws highlighted (below).

Step 2: Carefully open the bottom cover from the top cover as wires will be attached.

Step 3: With a soldering iron, remove connecting wires for the battery and speaker highlighted (below).

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Step 4: Choose a location to mount the VolcaMod MIDI OUT modificator on your Volce-series device. We suggest above the original "MIDI IN" socket, but of course it can be mounted in various other locations throughout the device where clearance is suitably available.

Step 5: Use the included spacer from the VolcaMod MIDI OUT modificator as a template to mark out and center the whole positions.

Step 6: Drill a 3.5mm drill bit and drill the holes. (**Carefully** do this, as forcing the drill bit is likely to crack the case)

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Step 7: Use a 9mm drill bit and drill the center hole. (**Carefully** do this, as forcing the drill bit is likely to crack the case)

Step 8: Insert and secure the VolcaMod MIDI OUT modificator
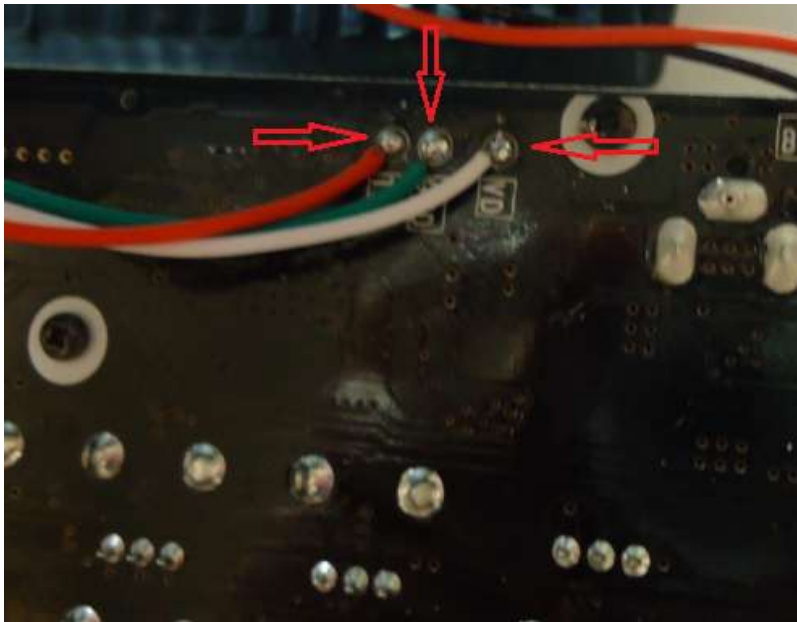
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Step 9: With a soldering iron, reconnect the wires for battery and speaker.

Connect the additional wires of the VolcaMod MIDI OUT modificator with a small amount of solder to the solder points highlighted (below).

Connection Guide:

- Green = GND
- White = VD
- Red = TX

Step 10: Carefully tuck the loose wires back into an appropriate position and close the bottom cover and the top cover.

Step 11: Re-attach screws and battery cover.

If you have done everything according to the instructions, then CONGRATULATIONS, you are done!

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