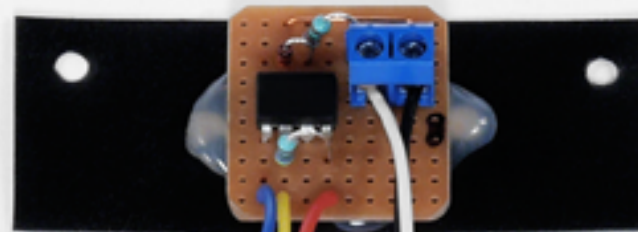


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MIDITRIBE

**MIDI INPUT
INTERFACE
FOR KORG
MONOTRIBE**



MADE IN BRAZIL BY



NO SOLDERING WORK IS REQUIRED

Owner's Manual
Version 1.0.4 - December 2011

MIDIRIBE & KORG MONOTRIBE OS 2.0

After the release of the MONOTRIBE OS 2.0 many people came to us asking if their MIDIRIBE will still work after the update, the answer is yes, any MIDIRIBE Revision will work 100% with the MONOTRIBE OS 2.0 update and there is more, the MONOTRIBE OS 2.0 brings us two incredible new MIDI features:

- 1 - Velocity Sensitivity for the "Synth Part" (VCA Level)**
- 2 - Control of the "VCA Level" using CC 7 (Volume) or CC 11 (Expression)**



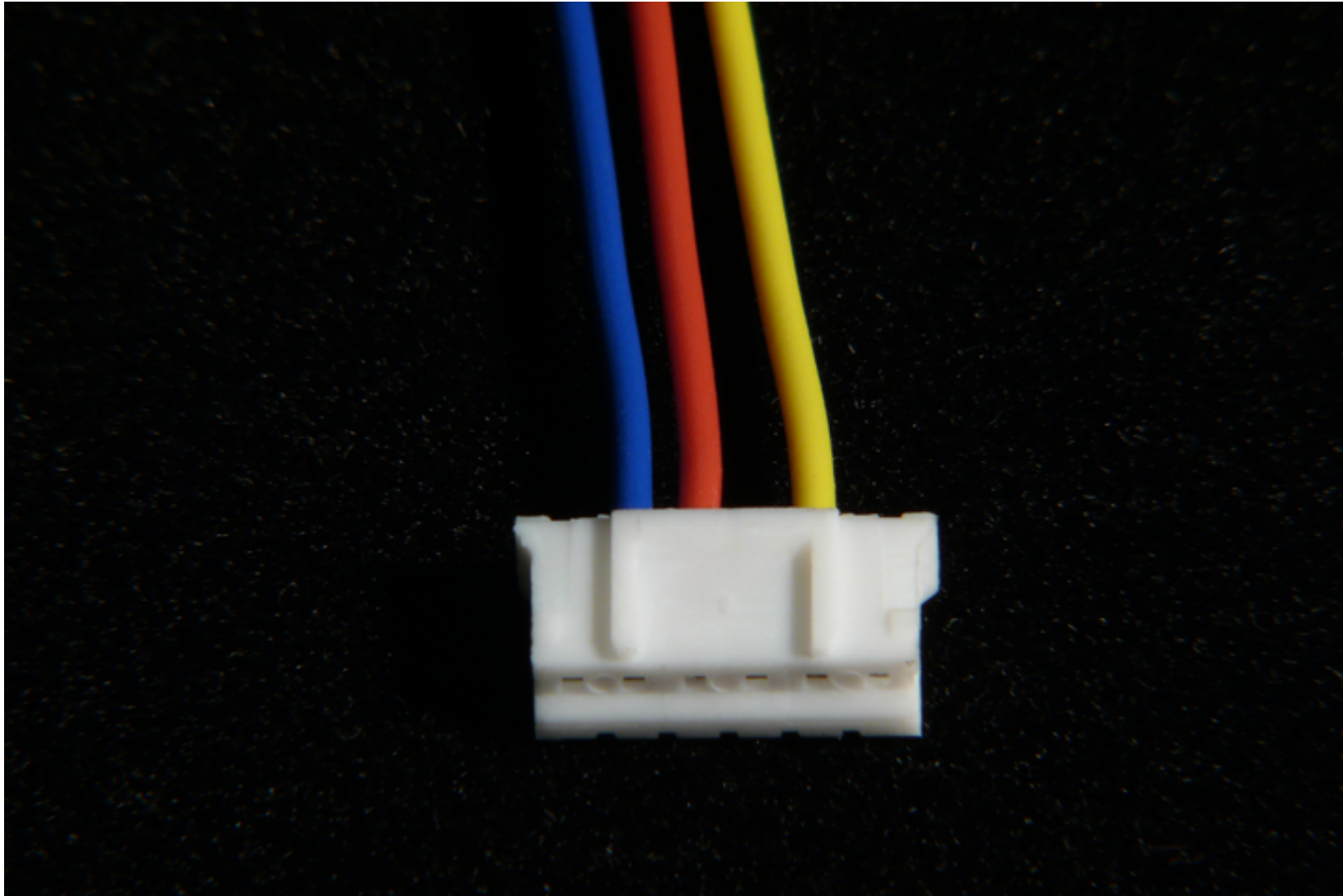
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CHANGES TO REV 3



The MIDI IN connector have a Nickel Plated Shell now, instead of the Black Plastic Shell found on Revisions 1 and 2.

CHANGES TO REV 2



The serial port connector is white now, not black, we managed to find a perfect match for the MONOTRIBE's male serial connector.

INTRODUCTION

Thank you, and congratulations on your choice of the Amazing Machines MIDITRIBE - MIDI Input Interface for KORG MONOTRIBE.

Please note that any modification to any MONOTRIBE will immediately void its warranty.

Amazing Machines will not accept responsibility for any damages, personal loss or injury that may result from the installation of the MIDITRIBE.

MONOTRIBE is a trademark of KORG Inc. Japan, all other trademarks and copyrights are property of their respective owners.

The following pages of this manual provide a step by step installation guide for the MIDITRIBE, as well as a detailed user's guide.



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CHAPTER 1 - MIDITRIBE INSTALLATION GUIDE

WARNING: Any modification to any MONOTRIBE will immediately void its warranty.

If you are not sure what you are doing, ask a technician to do it for you.

Amazing Machines will not accept responsibility for any damages, personal loss or injury that may result from the installation of the MIDITRIBE.

We strongly advise you to read every single page of this chapter before proceed.

Please have a medium size Phillips screw driver at hand before following the steps below.

MIDITRIBE Installation - Step 1



1.1 - Gently and slowly remove the four rubber feet and keep it away from dust and dirt

MIDITRIBE Installation - Step 2

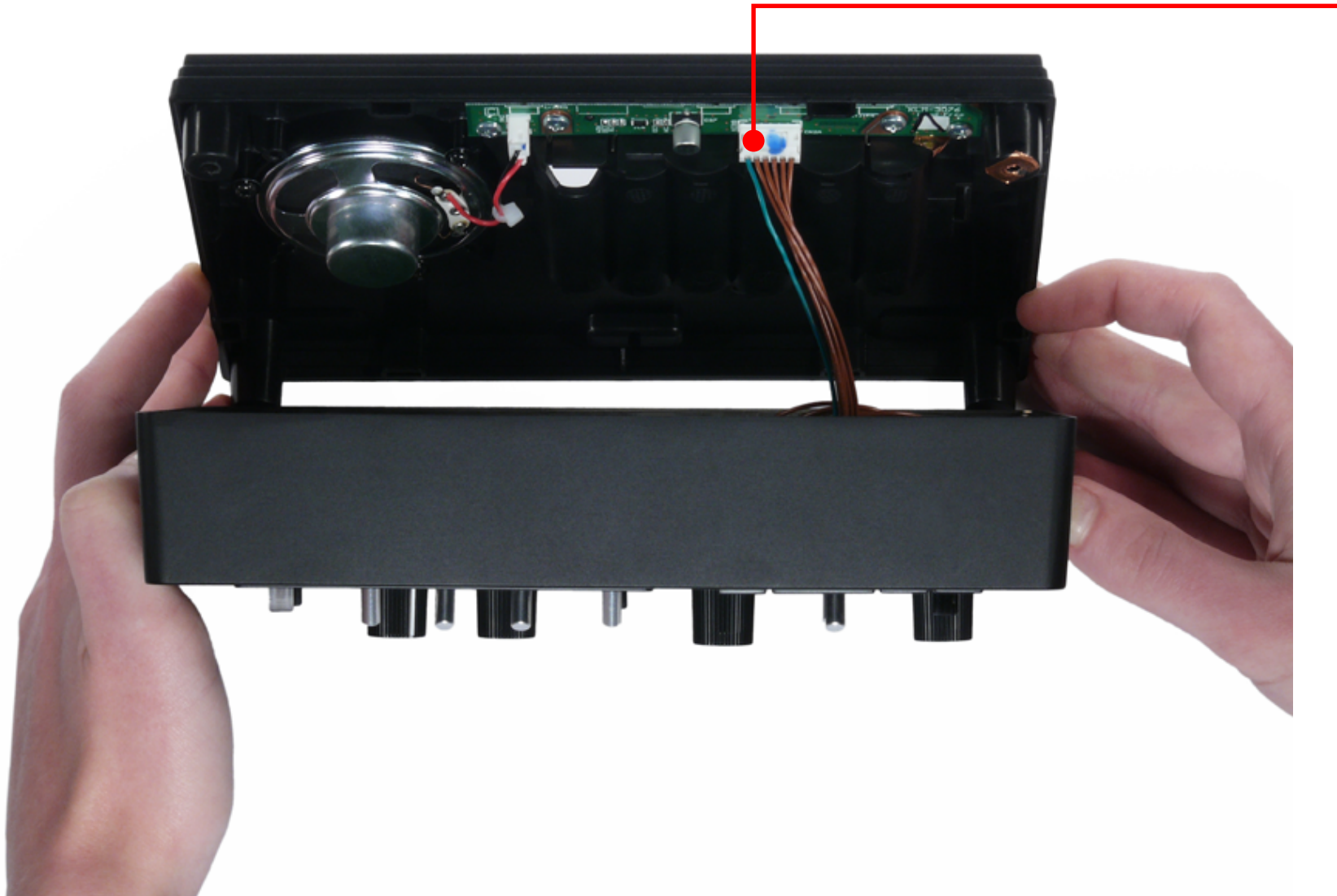


2.1 - Remove the battery cover

2.2 - Remove the batteries

2.3 - Using a Phillips screw driver, remove the screws from the case

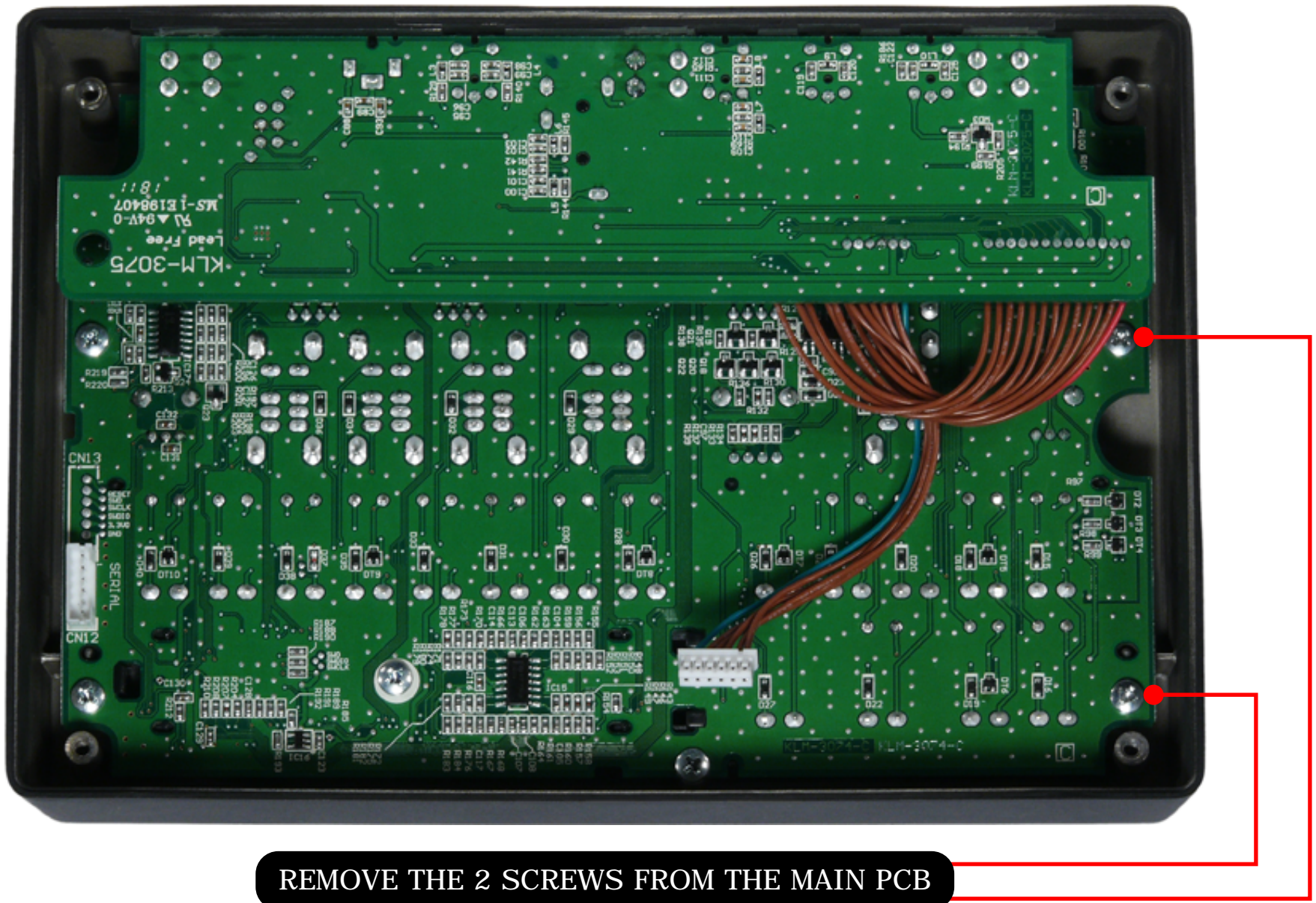
MIDITRIBE Installation - Step 3



DISCONNECT THE BATTERY POWER AND SPEAKER CABLE

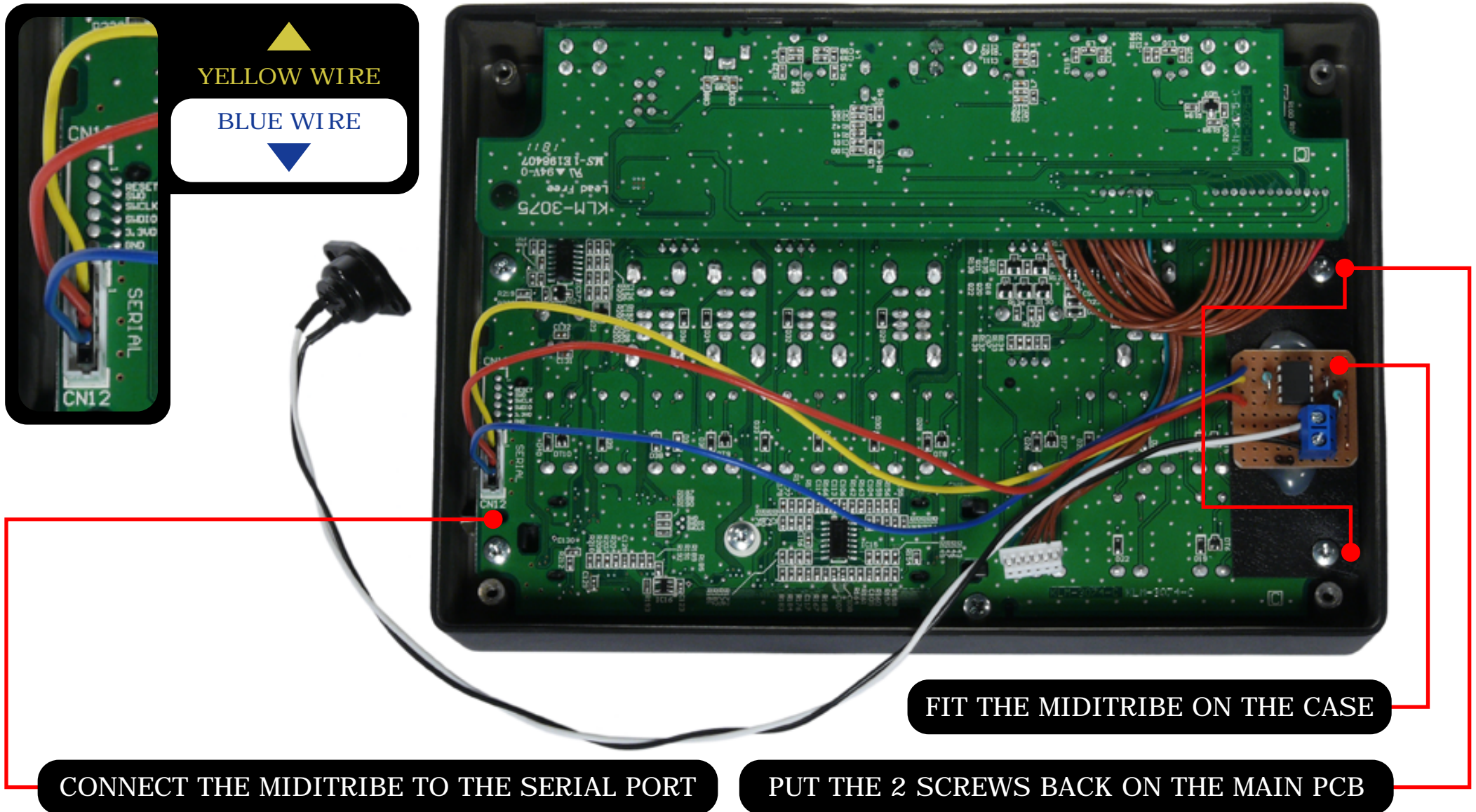
3.1 - Carefully open the case and disconnect the battery power and speaker cable (CN2A)

MIDITRIBE Installation - Step 4



4.1 - Using a Phillips screw driver, remove the 2 screws from the main PCB

MIDITRIBE Installation - Step 5

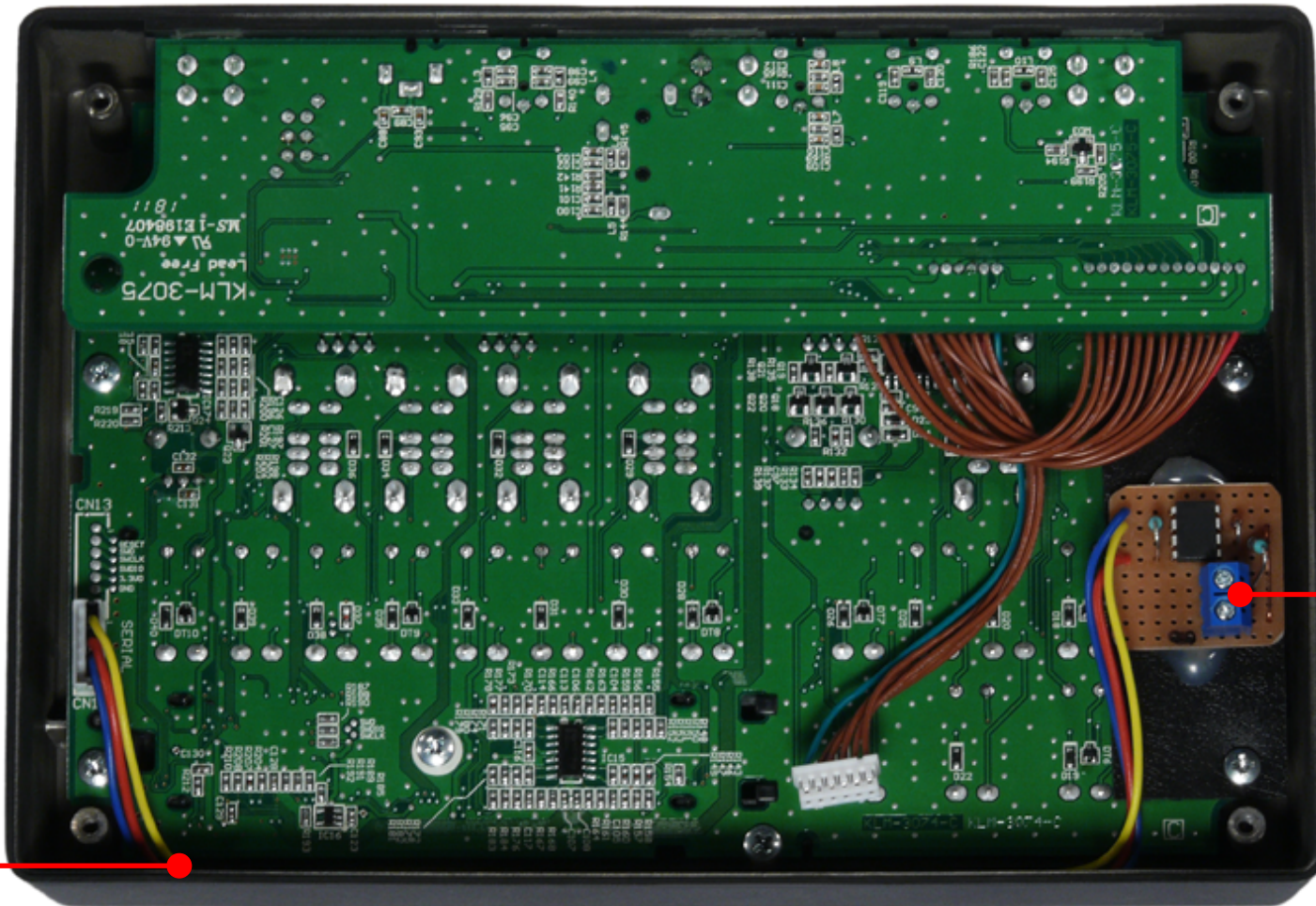


5.1 - Fit the MIDITRIBE on the case

5.2 - Connect the MIDITRIBE's female serial connector to the main PCB male serial connector (CN12), please note that the blue wire is on the bottom side of the main PCB connector, if connected differently it can cause damage to the MONOTRIBE or the MIDITRIBE interface

5.3 - Using a Phillips screw driver, put the 2 screws back on the main PCB

MIDITRIBE Installation - Step 6

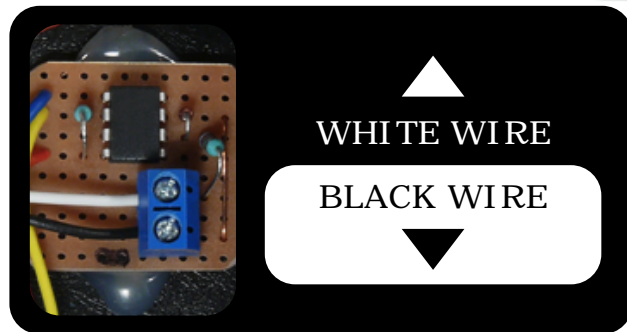
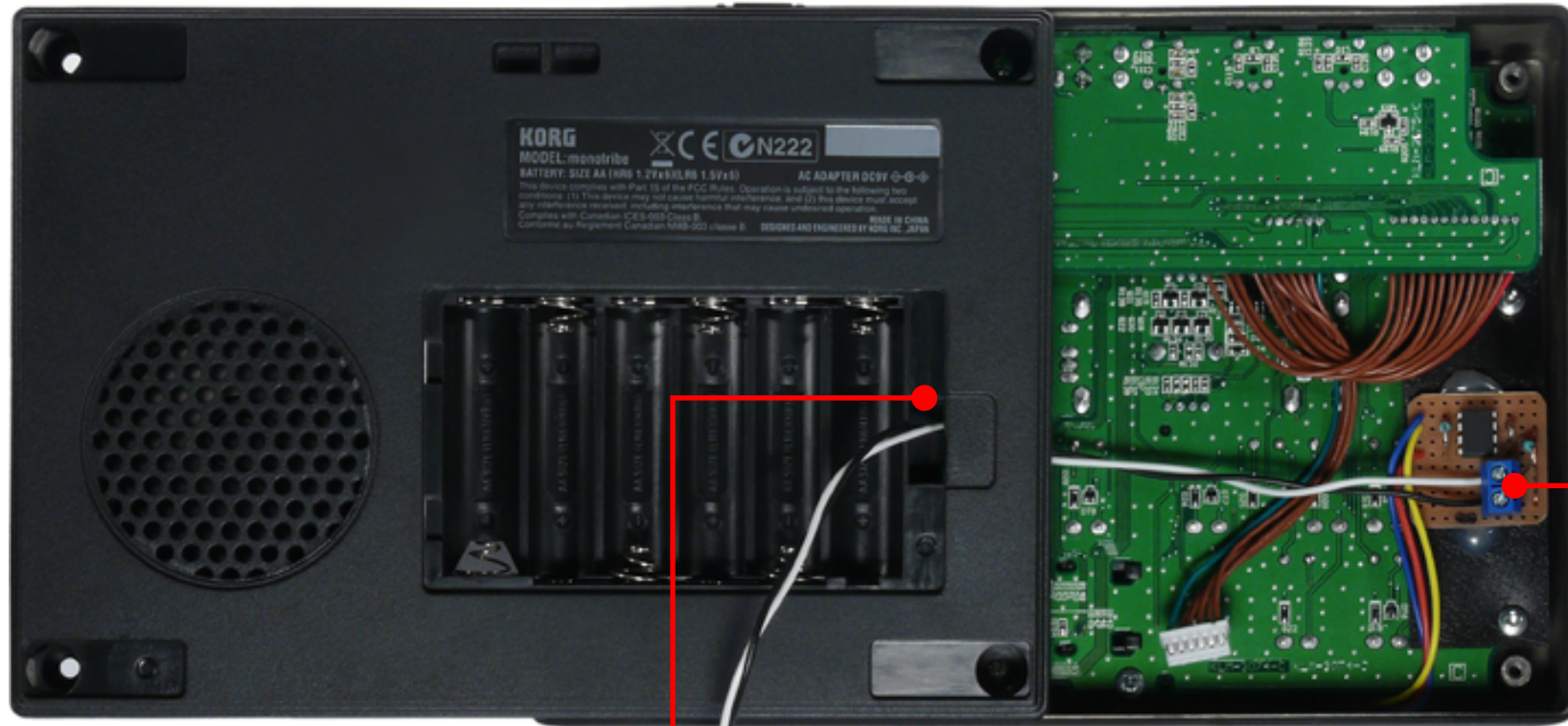


REMOVE THE BLACK AND WHITE WIRES

FIT THE SERIAL CABLE ON THE BOTTOM SIDE OF THE CASE

- 6.1 - Using a Phillips screw driver, remove the black and white wires from the MIDITRIBE
- 6.2 - Fit the serial cable on the bottom side of the case

MIDITRIBE Installation - Step 7

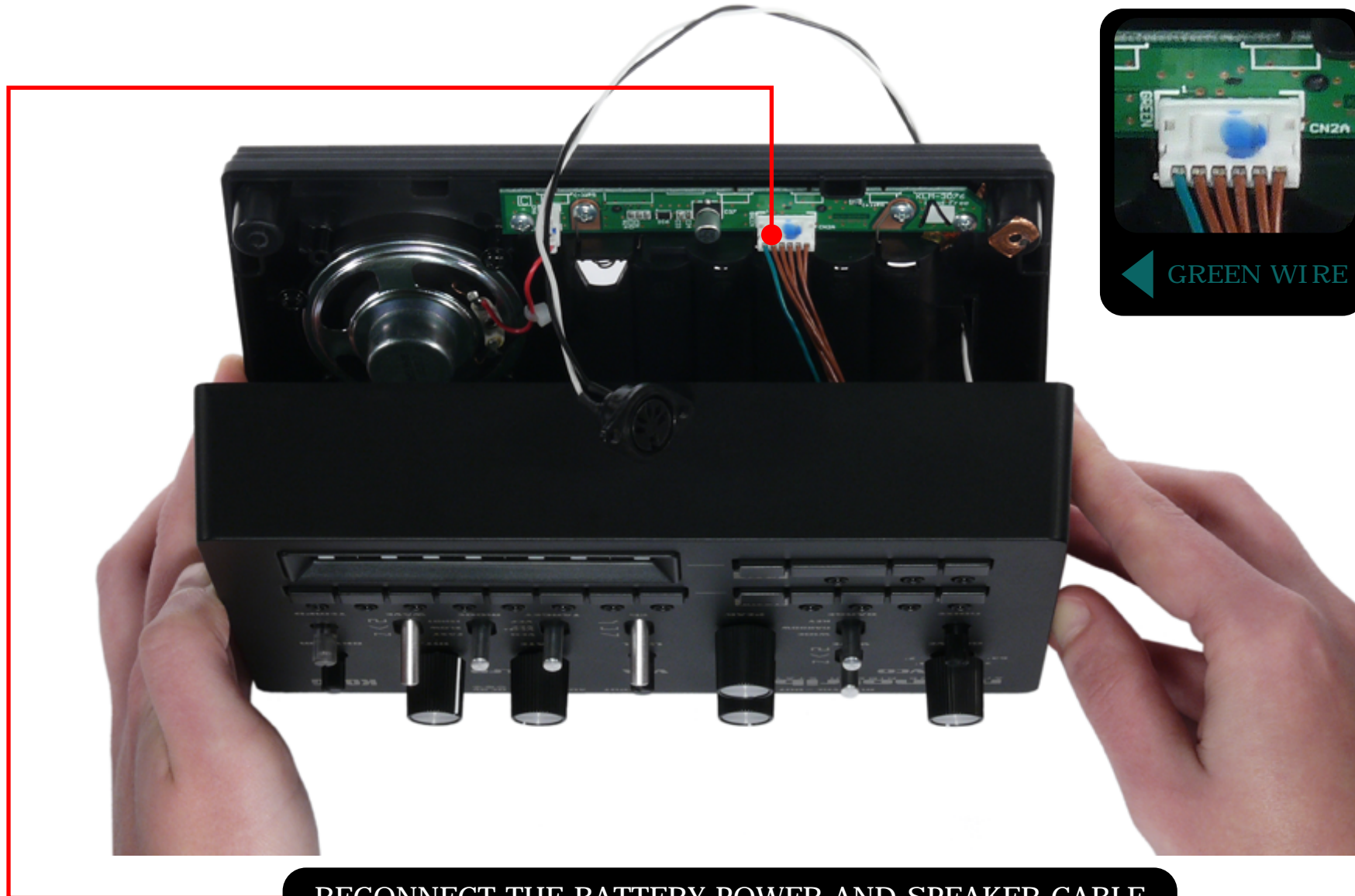


RECONNECT THE BLACK AND WHITE WIRES

PASS THE BLACK AND WHITE WIRES THROUGH THE BATTERY COMPARTMENT HOLE

- 7.1 - Pass the black and white wires from the MIDI IN connector through the battery compartment hole
- 7.2 - Using a Phillips screw driver, reconnect the black and white wires to the MIDITRIBE, **please note that the black wire is on the bottom side of the MIDITRIBE's PCB connector, there is a black mark on the MIDITRIBE's PCB to indicate the correct position, if connected differently it can cause damage to the MONOTRIBE or the MIDITRIBE interface**

MIDTRIBE Installation - Step 8



RECONNECT THE BATTERY POWER AND SPEAKER CABLE

8.1 - Reconnect the battery power and speaker cable (CN2A), please note that the green wire is on the left side of the battery power and speaker connector (CN2A), the word "GREEN" is marked on the PCB to indicate the correct position, if connected differently it can cause damage to the MONOTRIBE or the MIDTRIBE interface

MIDITRIBE Installation - Step 9



- 9.1 - Using a Phillips screw driver, put the screws back on the case
- 9.2 - Put the four rubber feet back

MIDITRIBE Installation Done



Congratulations, your MIDITRIBE is installed and ready to use.

You could, of course, choose to drill a hole in the case to fit the MIDI IN connector, or drill a small hole to pass the wires from the MIDI IN connector and fit the connector into a small project box.

As there are many alternatives we decided to keep it simple and guide you through the fastest and easiest way to install your MIDITRIBE.

Considerations

Please note that the nature of the MONOTRIBE's synth part doesn't allow for decent keyboard action, notes must be tied to one another or very short and never overlap in order to hide the click generated by the gate capacitors discharge when a note off message is received, this is not a fault with the MONOTRIBE or the MIDITRIBE interface, it is a design limitation, this can be easily noticed when using the internal sequencer in FLUX mode. For these reasons, we advise you to use a MIDI sequencer.

Connecting to a sequencer

Using a standard MIDI cable, connect the MIDI OUT from your sequencer to the MIDI IN on the MONOTRIBE.

MIDI Clock Messages

The MONOTRIBE listens to incoming MIDI Clock Messages in order to sync the internal sequencer, however, if you want to use the builtin External Sync Input on the MONOTRIBE you must stop the MIDI Clock Messages, then turn the device off and on again, or disconnect and reconnect the External Sync cable.

The MONOTRIBE's Synth Part

The MONOTRIBE's Synth Part listens to MIDI channel 1 and it plays only notes inside the internal sequencer's range. The Synth Part listens to the following MIDI instructions:

MIDI Note - ON / OFF

MIDI Velocity to VCA LEVEL (Needs MONOTRIBE OS 2.0)

Pitch Bend - Pitch Bend Wheel (-7 / +12 semitones)

LFO INT. - Modulation Wheel - CC 1

VCA LEVEL - Volume or Expression - CC 7 or CC 11 (Needs MONOTRIBE OS 2.0)

LFO RATE - General Purpose Controller 1 - CC 16

EG SHAPE - General Purpose Controller 5 - CC 80

LFO TARGET - General Purpose Controller 6 - CC 81

LFO MODE - General Purpose Controller 7 - CC 82

LFO WAVE - General Purpose Controller 8 - CC 83

ACID Tips & Tricks

Set the LFO MODE to 1SHOT, then automate the Modulation Wheel (CC 1) in steps, following the notes to create the Accent Effect.

To emphasize the Accent Effect use MIDI Velocity following the Modulation Wheel (CC 1) Automation.

Automate the Pitch Bend Wheel to create the slide effect.

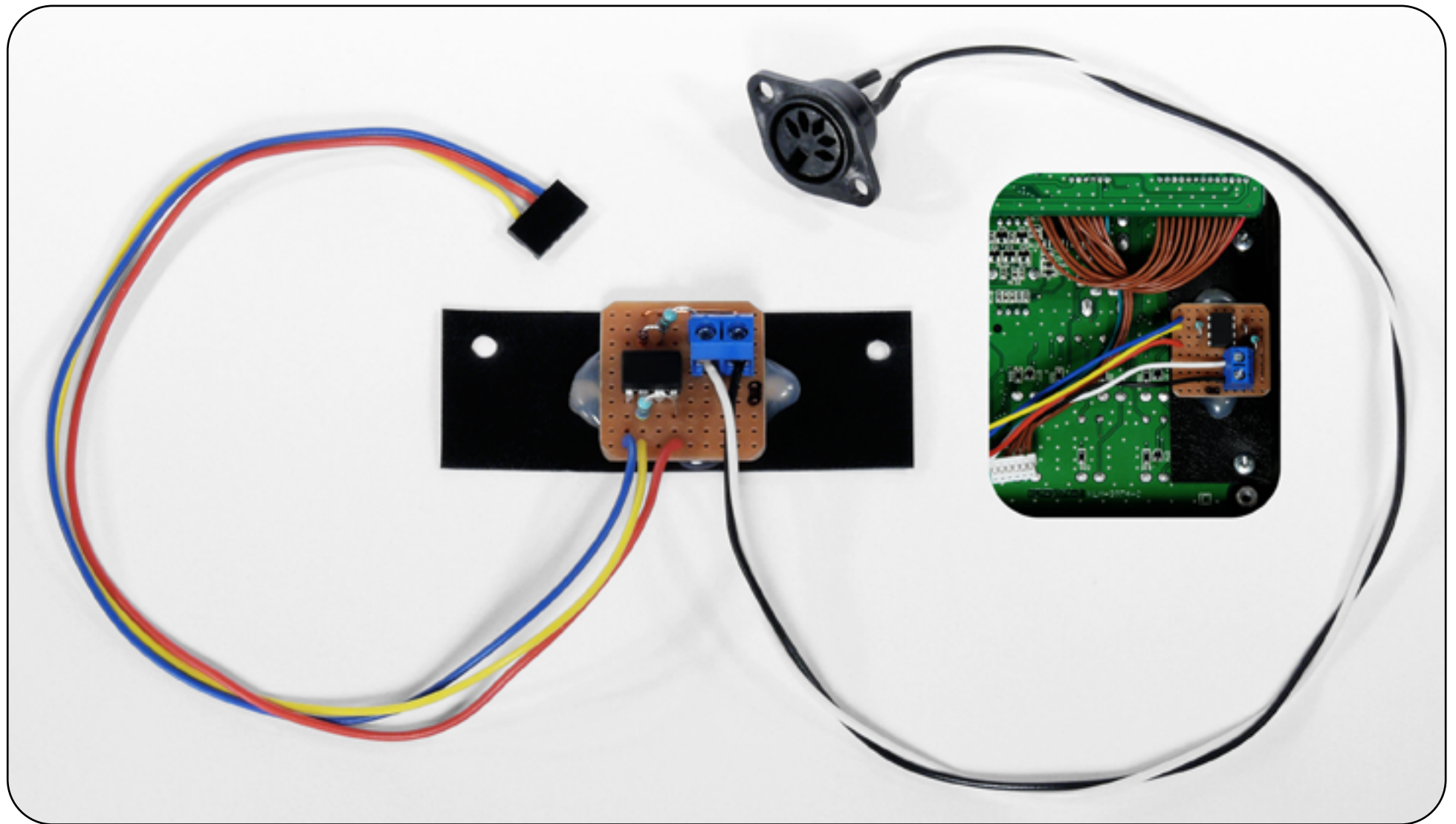
MONOTRIBE OS 2.0 Update

Please note that in order to control the VCA Level using continuous controllers 7 and 11, and also for your MONOTRIBE to accept MIDI Velocity you must update the OS to the MONOTRIBE OS 2.0, please check KORG's website under "SUPPORT / MONOTRIBE / DOWNLOADS" for instructions on how to update your Operating System.

The MONOTRIBE's Rhythm Part

The MONOTRIBE's Rhythm Part is simple as it can be, it listens to MIDI channel 10 and the notes are:

BD - 36 (C1)
SN - 40 (E1)
HH - 42 (F#1)



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