

Kommutator Pro

Kommutator Pro is a further development of ideas behind the Kommutator.

It is still a desktop patch panel / converter for different modular systems, but Kommutator Pro also has the 1/4" (6.3 mm) jack connectors, making it possible to conveniently patch even more equipment of different types.

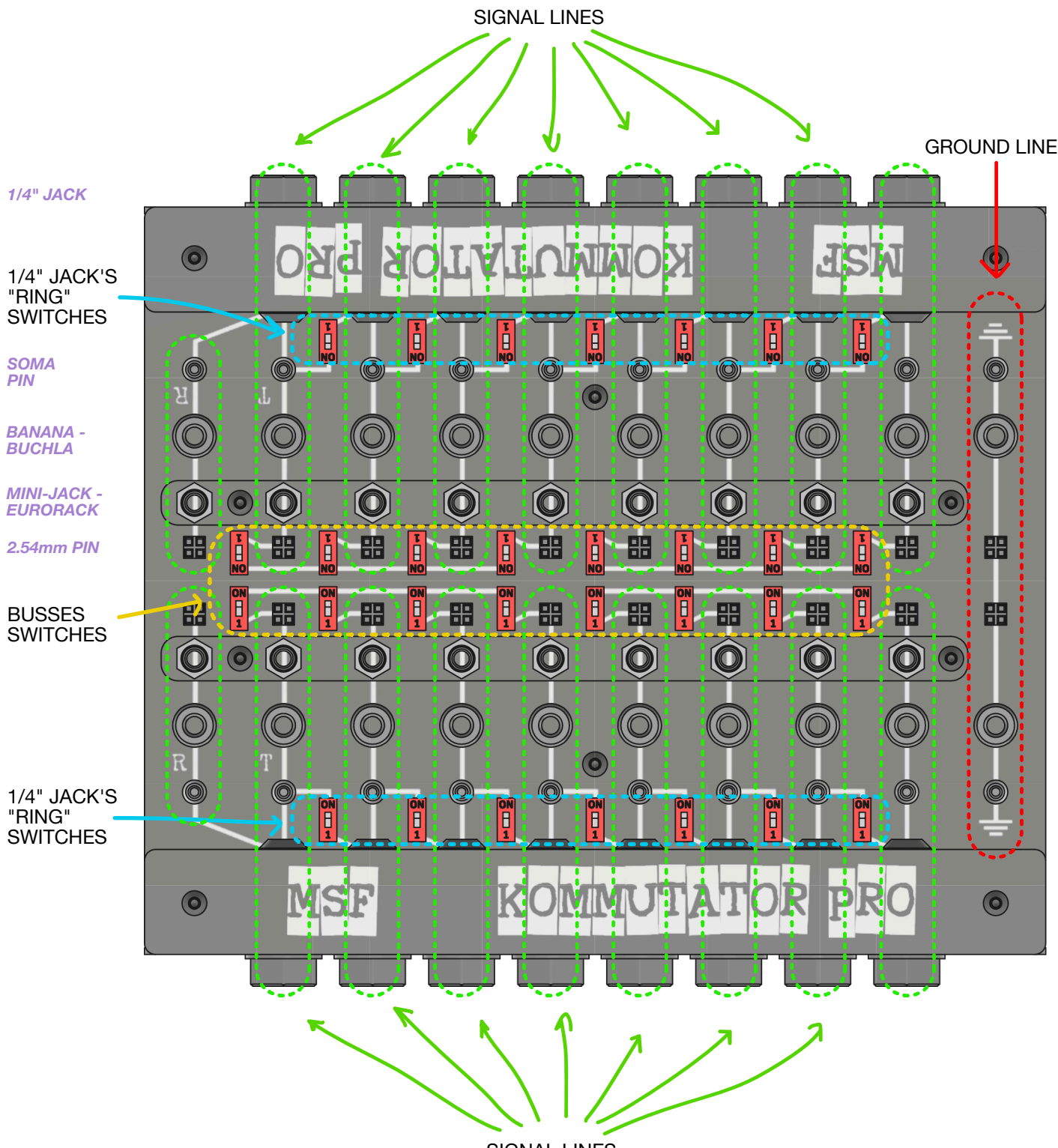
Kommutator Pro allows you to convert different connection types and play with CVs of different lines in one setup. Lines are cross-isolated, so you can use neighboring lines to route CV and audio simultaneously.

2 central lines are pre-wired signal buses. You can connect any lines to the bus by switching the small red switch at the end of the line.

Kommutator is a patch panel — use pin-patches to interconnect different lines and make as many passive signal splitters as you like.

Features

- 20 independent conversion lines
- 4 signal busses
- dedicated ground bus



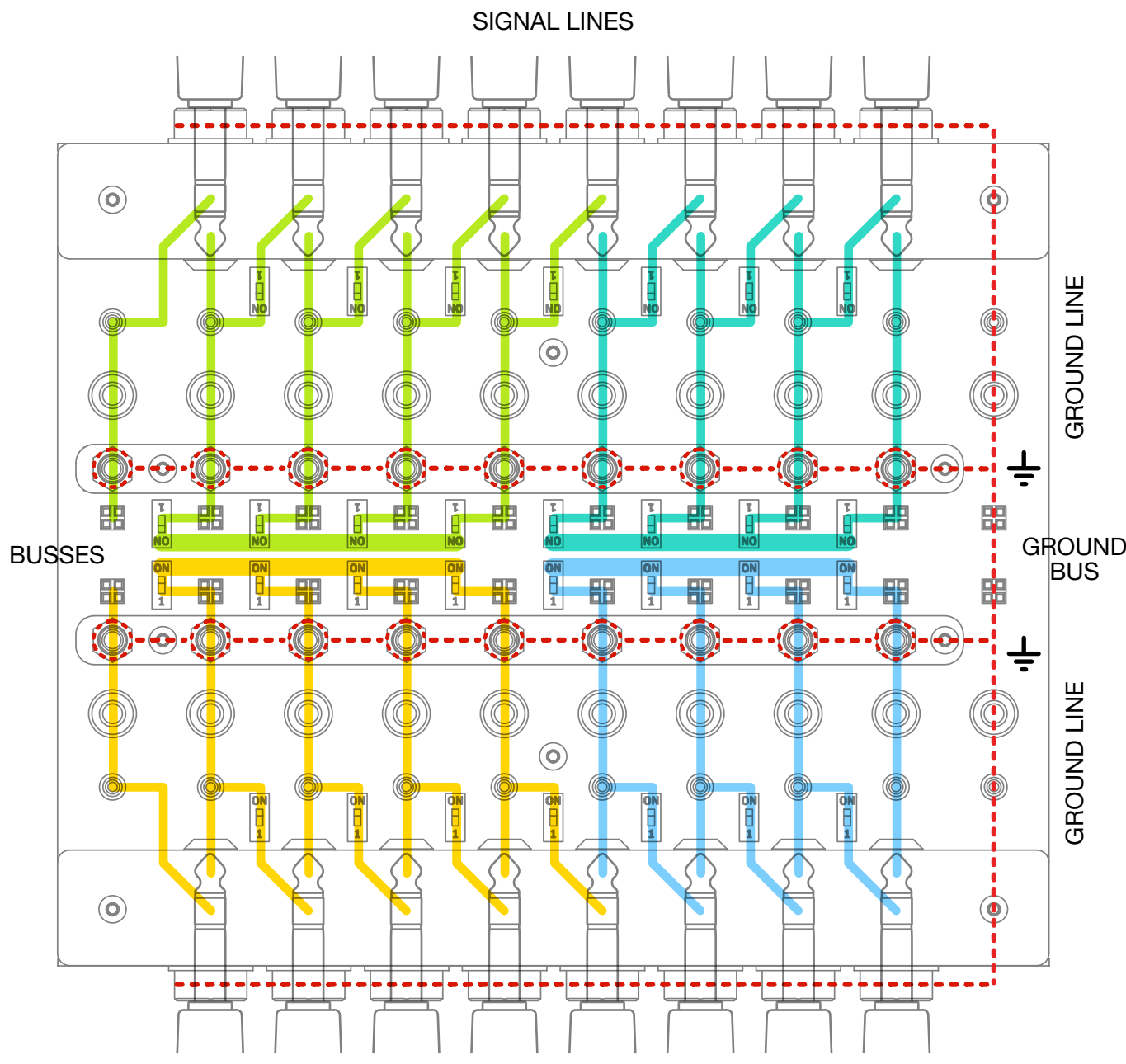
Basic principles

Kommutator Pro allows you to convert different connection types and play with CVs of different systems in one setup. Lines are cross-isolated, so you can use neighboring lines to route CV and audio.

Kommutator Pro has pre-wired connection lines, as shown below.

Kommutator Pro can also be a patch-panel. You can use pin-patches to multiply or interconnect different lines.

Here you can see how pre-wired routes look like when all the switches are in on positions. The whole Kommutator looks like 4 giant adapters now.



Each Eurorack socket and 1/4" jack is connected to others in its corresponding line via the tip. 1/4" jack ring might connect to the next 1/4" jack tip via switch located near each jack.

There is no difference between pre-wired lines. They all act exactly the same, excluding "⊥" lines: those are for cross-system grounds interconnection.

Warning!

There are no buffers or other alternating elements in the Kommutator. Please, carefully check the specifications of your systems before patching anything - you can easily burn your stuff out.

How to use the Kommutator Pro

- patch your Eurorack system with your Buchla system.
- patch your Soma system with your Serge system.
- patch it all together.
- explore some new sounds.
- create a composition with these sounds.
- add an old analogue oscilloscope to the patch.
- create some lissajous figures.
- design a device that controls light in accordance with a CV input.
- patch the breadboard to Kommutator Pro
- reach enlightenment.

How not to use the Kommutator Pro

- do not use Kommutator Pro under the water
- we recommend not to use Kommutator Pro for high voltage
- do not disassemble the Kommutator Pro (there is just no reason to do that)
- carefully check all the voltage requirements over all your systems. Kommutator Pro is a simple passive tool and no protection means are implemented. With the flexibility comes the user's expertise requirement.