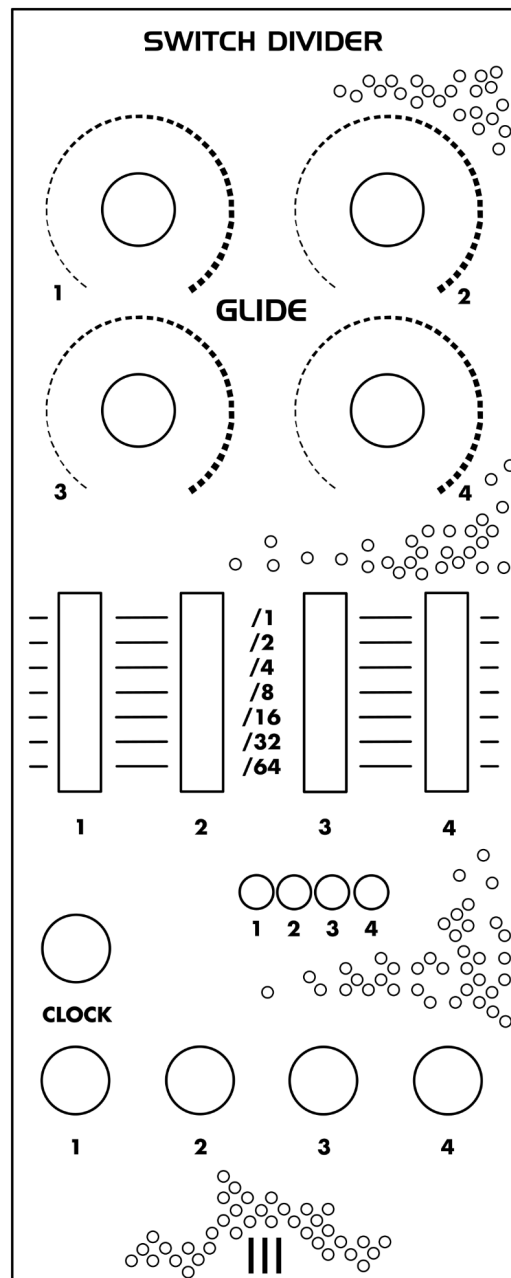


# Tre Modular - Switch Divider

## User Manual

Thank you for choosing Tre Modular - Switch Divider Eurorack module!

This guide will walk you through the features, and usage of this module.



## Switch Divider:

The Modular - Switch Divider is a versatile quad clock divider. It accepts one clock input and has four outputs. Each of the four channel divisions can be set by sliding switch. This makes it ideal for live performances and dynamic patches that require change of the rhythm on the go.

Switch divider outputs 0 to +5v signal which is commonly accepted as clock input for a wide range of music gear.

Another feature of this module is its glide functionality. Each channel has its own dedicated glide knob that controls the rise and fall of the generated square wave. This makes it more useful as a modulation source than traditional clock dividers.

As any clock divider Switch Divider can also be used as a crude sub oscillator.

Switch divider accepts wide range of clock inputs from +2v to +10v

Switch divider accepts any kind of signal that goes above +2v as clock inputs. It internally converts that signal to square wave that drives the clock divider circuit.

1/ division is a sort of passthrough output that converts incoming signal to 0 to +5v square wave and will maintain any pulse width modulation if such is present at the clock input.

## Specifications:

**Module width:** 10 HP

**Module depth:** 25mm

**Clock input:** +2v - +10v

**Output:** 0-5v

**Power Consumption:** 31mA at +12V / 17mA at -12V

## Controls:

**Glide:** Adjusts the rise and fall time of the corresponding channels.

**Division Slide Switch:** Controls divisions for corresponding channels.

## Inputs:

**Clock:** Clock signal input.

## Outputs:

**1:** Chanel 1 output

**2:** Chanel 2 output

**3:** Chanel 3 output

**4:** Chanel 4 output

## Installation:

Power off your Eurorack system.

Insert the module into an available slot.

Connect the power cable, ensuring correct polarity.

Power on your Eurorack system.

Enjoy!

## Additional Information:

For any additional questions or support, please contact Tre Modular at [support@tremodular.com](mailto:support@tremodular.com).

Happy patching!

