

Knit Rider version 1.5 update

Intro

Knit Rider has been very popular sequencer for many in the eurorack world and we collected a lot of feedback from the user base and finally we can present the firmware update that reflects the most desired improvements and features.

- huge stability and timing improvement (rewritten the timing core)
- PTRN/MUTE button can be switched to toggle mode
- the trigger output can be set to 4 different fixed values or 4 different random variations (affects gate time as well)
- added swing feature for both master and slave modes
- minor bug fixes

Activate/deactivate PTRN/MUTE toggle : FN > PTRN/MUTE

PTRN/MUTE button can be now set to toggle mode (with one press you enter the mode with second you leave). By default the button works as momentary switch. To access the toggle mode hold FN button and press the PTRN/MUTE button so it lights up. Now the PTRN/MUTE button is in toggle mode.

Set fixed trigger length: FN+ACTIVE STEP > BAR buttons (1ms, 5ms, 10ms, 20ms)

The default length of the trigger output can be set to 1ms, 5ms, 10ms or 20ms. To access the setting you first press and hold the FN button and then press and hold the ACTIVE STEP button so both buttons are held down. Now pressing the four BAR buttons will set the trigger length from left to right to 1ms, 5ms, 10ms or 20ms.

Set random trigger lengths: FN+ACTIVE STEP > 1-4 STEP buttons (1-5ms, 5-15ms, 10-20ms, 1-20ms)

The trigger output can be set to variate randomly in different ranges. 1ms, 5ms, 10ms or 20ms. To access the setting you first press and hold the FN button and then press and hold the ACTIVE STEP button so both buttons are held down. Now pressing the four 1-4 STEP Buttons to access trigger length variations 1-5ms, 5-15ms, 1-20ms, 10-20ms.

Set swing amount: FN+ACTIVE STEP > 5-16 STEP buttons (0-60% swing)

Swing is a feature which gives a different feel to the rhythm rendered by the Knit Rider. The swing is achieved by delaying every second step by certain amount. The more delay the more pronounced the alteration of the rhythm feels. If you imagine the whole duration of the step - that would be 100%. The start of the step could be delayed in percentage points across the duration of the step.

To access this setting you first press and hold the FN button and then press and hold the ACTIVE STEP button so both buttons are held down. Now pressing 5-16 STEP Buttons will give you swing amounts of 0% (no swing), 5%, 10%, 15%, 20%, 25%, 30%, 35%, 40%, 50% or 60%.

We hope you will have a lot of fun with it!

Martin Baar & Václav Peloušek - the inventors of Knit Rider

Thanks goes to the whole Bastl Crew and our user base for suggestions & testing

And testers namely: Tomáš Jambor, David Žáček, Leoš Hort, Martin Sovinz and others + Jakob Holm as technical advisor