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Polyend, the innovative music technology company from Poland, is proud to announce the of Poly, a MIDI to CV converter in the Eurorack format, containing multitude of connectivity options. As with Polyend's other including the groundbreaking Perc Pro and the new Seq, the Poly several ingenious features that demand attention, including the ability to seamlessly integrate Android / iOS smartphones and devices directly into a Eurorack rig.

Originally conceived as the quintessential way to integrate impressive SEQ sequencer into the Eurorack ecosystem, the Poly goldmine of unprecedented features, which makes the Poly a the world of one-dimensional MIDI modules. First and foremost, connect all your standard MIDI devices via the front-panel MIDI port. This means all your classic keyboards and legacy controllers be employed into your Eurorack with a standard connection. Next, USB B port for connecting a computer, as well as smartphones and tablets. The USB Host connection allows users to connect class compliant MIDI controllers by easily attaching a USB cable to the front panel input.

The 22HP width Poly provides an arsenal of CV analog options, including eight rows of Gate, Pitch, Velocity and Modulation for complete control of Eurorack synthesizers and drum machines. Poly's flexibility, with its vast array of multiple inputs and outputs provides the user with the freedom to connect all sorts of sequencers, digital audio workstations (DAWs), keyboards, apps and more, the only limit is your imagination.

Polyend Poly Technical Specifications:

Inputs:

- MIDI DIN
- USB A (5V)
- USB B

Outputs:

- 8 Gate Outputs (0-12V)
- 8 Pitch Outputs (0-12V, V/oct.)
- 8 Velocity Outputs (0-12V)
- 8 Modulation Outputs (0-12V, selectable CC message 0-127 using DIP switch on the back panel)

Smartphone/Tablet Connectivity:

- iOS Devices connect with the Camera Connection Kit
- Android Devices are Plug & Play

Dimensions: Eurorack Width - 22 HP; Depth: 25 mm

Of course, Polyend didn't stop there, they furnished the Poly with three distinct operating modes, Channel, First and Next. Channel translates data received from MIDI channels 1-8 and directly into corresponding CV channels. This mode is what the majority of users will employ to connect DAWs or external sequencers. If you want to utilize MIDI notes instead of channels, simply flip the rear dip switch and you're ready for action.

First and Next modes are designed for playing Eurorack synths external controller and Polyend makes this work with automatic recognition, a sophisticated technology that understands what is connected to the Poly without the need for manual buttons or First mode allows you to trigger one module with your first press key on an external controller and while still pressing the first key, you can then trigger the second note from the next connected scenario works great for triggering a big bass note with the first press and a lead with the second. Next is Poly's polyphonic mode, which allows you to trigger the same note across all connected synthesizer modules.

Now Polyend could have wiped their hands clean and released the with these impressive attributes, but they decided to push the further into the future by making it compatible with the MPE (Multidimensional Polyphonic Expression) standard. "The Poly's implementation means that the user now has a totally new way communicating with their modular system," exclaims Piotr Polyend's CEO. "Now you can have control over any CV parameter using horizontal and vertical movement and do it polyphonically! Most obvious example is opening the filter with a vertical swipe. imagine playing chords and then being able to control a drum length with one finger, the kick drum's pitch with another finger, reverb on a snare with a third finger and a synth's cutoff with a fourth. It opens so many new ways of playing and creating music modular synths!"

Anyone already familiar with Polyend understands that they just couldn't release a simple MIDI to CV converter for the Eurorack format, they insisted on taking a different approach and make a statement. The Poly compliments their Seq sequencer and mind-Perc Pro with the same manner of innovation, attention to detail exciting features that have defined the company to date. The Poly is available at polyend.com store for \$399USD / 449€.

About Polyend:

Polyend creates musical instruments that inspire by thinking outside the box. Like traditional, well-crafted acoustic instruments, every one Polyend's products aspire to take complex and make it simple for musicians to immediately put to use. Based in Olsztyn, Poland, the two-year-old concern continues to redefine the music landscape with every great instrument they release.

Website: <http://polyend.com/poly/>

Images: <https://www.dropbox.com/sh/ya4pvsegiqhvng/AACukVwT6YIdTZkTeRD2oJ2Aa?dl=0>

Videos: <https://www.youtube.com/polyend>