

# patchblocks

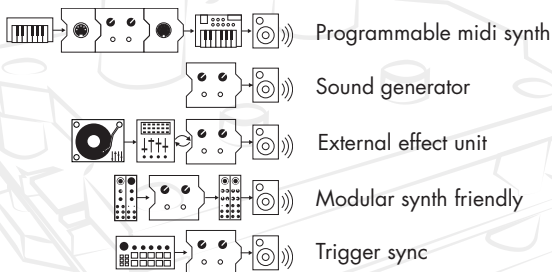
synthesizer module

## What is Patchblocks?

Patchblocks is a modular synthesizer and signal processing system where you decide what the hardware does.

## What can I use them for?

You want a filter module? Turn your Patchblock into one! You want a crazy sounding bass-line synth with built-in arpeggiator? Make it so! We provide you with an empty canvas, your imagination fills it.



## Can I connect external instruments?

You can also send and receive MIDI data using a Patchblock Midiblock. This module allows to connect a 5-pin MIDI cable to a Patchblock.

## Can I extend the functions?

You are also able to connect as many Patchblocks as you want to let them interact and use more than those two buttons and two knobs.

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## How do they work?

- 1 Download the editor
  - 2 Create your own synthesizer program via drag&drop or simply use a preset
  - 3 Upload your program over USB to the Patchblock and turn it into a sound generator or effects processor
- > Patchblocks run standalone, without a computer
  - > The integrated battery is rechargeable over USB

## Pick your colour

Patchblocks come in 7 different colours



## Features

- > stereo audio input
- > stereo audio output
- > 2 channel digital input
- > 2 channel digital output
- > 2 assignable knobs
- > 2 assignable illuminated buttons
- > tough 5mm machined acrylic enclosure panels
- > USB chargeable LiPo battery (lasts > 7h)
- > 10bit / 20K sampling rate audio