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## Press release: Kastle 2 FX Wizard - a portal to modular effect magic

We're blissed to announce the **Kastle 2 FX Wizard**—a portable, patchable multi-effects processor and the newest addition to our pocketable, battery-powered mini-modular Kastle family. This updated version builds on the success of our accessible and affordable mini-modular format, which began with the Bitranger in 2016, followed by the Kastle Synth later that year, and expanded with Kastle 1.5 (2017), Kastle Drum (2020), and Kastle Arp (2023).

**Kastle 2** is a completely redesigned model that offers enhanced connectivity and significantly improved audio quality with a new stereo architecture.

**Kastle 2 FX Wizard** focuses on processing sounds—texturizing or completely transforming them in a fun and unique way through its mini patch bay. With stereo input and output, along with sync input and output, it integrates smoothly with other gear, becoming a powerful, semi-autonomous co-creator. Power options include 3x AA batteries or USB-C.

The **Kastle 2 FX Wizard** is **available now for 160 €** ex. VAT (approx. 190 € with VAT) and shipping **at the end of November 2024**.

### Links:

[Product page](#)

[Product video](#)

[Press kit](#)

[B-shop Link](#)

Our products are also available from our network of [dealers](#).

# Kastle 2 FX Wizard

## *Compact patchable stereo multi-effects hero*

The Kastle 2 FX WIZARD is a compact, patchable stereo multi-effects unit that empowers you to explore the limits of sound processing through modulation and modularity. Use simple yet refined stereo effects, or go nuts with modulation and immerse in a powerful glitch and sound design haven. Instead of navigating thru preset effects, you can craft your own unique effects with dynamic behavior using modulation. The FX WIZARD embraces happy accidents, sparking excitement with unexpected and unheard sonic transformations.

## Powerful glitch and sound design heaven

There are three loose main categories of effects, each offering both finely controlled parameters and exciting extremes that you wouldn't typically find elsewhere:

- **DELAY FX family** (blue/green): Includes a clean stereo delay, a flanger with stereo chorus capabilities and some spicy extremes, and a freezer to capture and hold moments of time in a fun modular way.
- **AMPLITUDE FX family** (bright colors): Features an autopanner with ring modulation possibilities, a crunchy digital crusher with powerful feedback, and a rhythmic slicer that can create dynamic transients from any drone.
- **PITCH-SHIFTING FX family** (red colors): Contains a dirty pitcher that shifts signals up in either tonal or rhythmic patterns, a fun replayer effect that reverses audio and introduces lots of pitch-shifting artifacts, and last but not least, a nuanced shifter that adjusts the pitch up or down to achieve detuned sounds and feedback pitch slopes.

## Modulate everything

With modulation and the right FX MODE, the gates to extreme sound design and glitch territory open wide. Effect parameters can be modulated using the built-in LFO or a surprisingly powerful pattern generator. For dynamic effects that respond to incoming audio (hello, ducking), there's also an envelope follower.

## Stereo goodness

Each effect can widen the STEREO field by detuning some of its core, while the FILTER allows you to brighten or darken the sound. All effects react to triggers or clocks in both predictable and exciting ways.

## Features

- 9 FX modes
  - delay (max time in stereo is 1.15s)
  - flanger
  - freezer
  - panner
  - crusher
  - slicer
  - pitcher
  - replayer
  - shifter
- Stereo audio processing at 44kHz/16-bits
- Time parameter with attenuverting modulation (S&H or free)
- Feedback parameter with attenuverting modulation
- AMOUNT mix with attenuverting modulation
- FILTER in the feedback with Lowpass/Highpass
- STEREO detuning for each FX MODE
- FX MODE cv input with attenuation to change modes with CV
- TRIG input to synchronize effects with tempo
- LFO - triangle and pulse output, reset input, attenuverting modulation, synced or free
- Tempo generator with tap tempo and divider with external clock
- Pattern generator (tempo synced) with GATE and CV output and patch programmability
- patchable envelope follower
- stereo input with input gain (up to +12db), accepts up to 6 Vpp signal
- stereo output capable of driving headphones up to 250 Ohm
- analog sync input
- analog sync output

## What's in the box

- Kastle 2 FX Wizard unit
- quickstart guide
- 10 patch cables
- sticker
- for environmental reasons, we are excluding the batteries from the package

## Technical Details

- USB-C (firmware updates, power)
- 3x AA battery power (both rechargeable and non)
- Power consumption approx. 100-150 mA, should last up to 15-18 hours on 3x AA batteries.