

BUTTON COMBOS

- SHIFT** + **KNOB** = secondary function in silver
- SHIFT** + **FX MODE** = **TAP** tempo
- FX MODE** = next **FX MODE**
- FX MODE** + **SHIFT** = previous **FX MODE**
- FX MODE** + **AMOUNT** = mod. attenuation for **FX MODE** input
- SHIFT** + **FX MODE** >5s = adv. settings (input behavior etc.)

**BASTL
KASTLE 2
FX WIZARD**

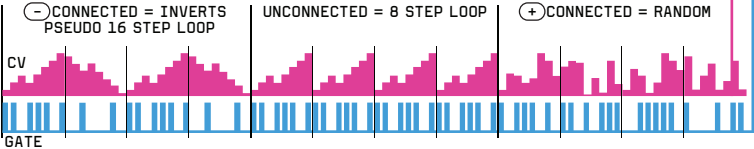
PATTERN GENERATOR

PATTERN generates **(GATE)** (rhythm) and **(CV)** (stepped sequence) output signals. They are both always driven by **TEMPO** .

Turn the **RHYTHM** knob to select a pattern on the **GATE** output.

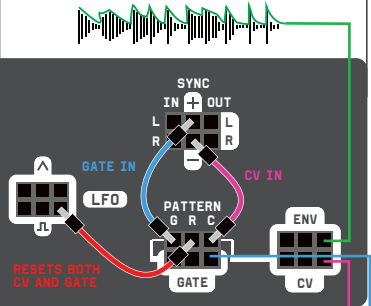
To modify a pattern, use the **PATTERN** inputs **G-GATE**, **R-RESET** and **C-CV**. Connect the **(+)** patch point to randomize the existing sequence. Unplug, once you have something fun. Plug the **(-)** patch point to variate the sequence. You can use modulation too!

Patch the **LFO** **(JL)** pulse output into **PATTERN** **R-RESET** input to alter sequence length.



ENVELOPE FOLLOWER

(ENV) output represents the loudness of the input signal. Use it to make the effects responsive to your input signal.



Press FX MODE = next mode. Hold FX MODE + press SHIFT = previous mode.

1. **DELAY**

MOD RATE

MOD DEPTH

FLANGER

CHORUS !!!

RESET MOD

FEEDBACK

DRY/WET

SYNC TIME

FEEDBACK

The echo sound full of life.

4. **PANNER**

MOD RATE

MOD AMOUNT

RESET MOD

FEEDBACK

Move left/right & move around.

7. **PITCHER**

RHYTHM TONAL

SHIFT UP

SHIFTING WINDOW

AMOUNT

RESET MOD

FEEDBACK

Pitch up & speed up. More!

2. **FLANGER**

MOD RATE

MOD DEPTH

FLANGER

CHORUS !!!

RESET MOD

FEEDBACK

Add movement by detuning.

5. **CRUSHER**

DOWNSAMPLE

SAMPLE RATE

AMOUNT

BITCRUSH

SWEEP RATE

FEEDBACK

Digital bits & steps destroyer.

8. **REPLAYER**

PLAYBACK SPEED

AMOUNT

TRIG

FEEDBACK

Forward/backward play/replay.

3. **FREEZER**

SYNCD TONAL

FREEZE RATE

ADD NEW AUDIO MORE DENSE

NEW FREEZE

FEEDBACK

Freeze bits of incoming sound.

6. **SLICER**

PATTERN

ADD RANDOMNESS

ENV DECAY

ENV TRIG

FEEDBACK

Cut out small transients.

9. **SHIFTER**

DOWN UP

SHIFT

DRY/WET

TRIG

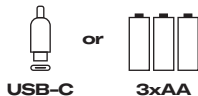
FEEDBACK

Shift pitch up or down. A lot!

Well met, apprentice!
In this guide we shall
summon the mighty
FX WIZARD!
Art thou ready?

1. POWER SOURCE

Plug in a USB-C cable or insert
3x AA batteries.



2. CONNECTIONS

Connect your chosen signal to
AUDIO▼ and your headphones,
mixer, or speakers to AUDIO▲.



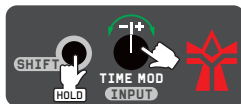
3. POWER UP

Flip the POWER
switch to the right.



4. INPUT GAIN

Hold **SHIFT** and turn the TIME
MOD knob to set the **INPUT** gain.
Follow the light indicator – avoid
the RED!



**! Silver labels are active when
holding the **SHIFT** button.**

5. OUTPUT VOLUME

Hold **SHIFT** and turn the TIME
knob to adjust the output
VOLUME. Can You Hear Me?



6. MEET THE WIZARD

Press the FX MODE button to
switch effects. Explore the
effects by turning the
White Rabbit knobs.
Use the map on the first page.



7. TIME FOR MAGIC!

Start patching: connect some
outputs to inputs. This is what
they look like:

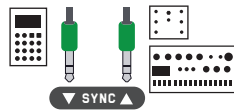


Most sets of 3 points in a row
are connected. Use any of them.

**Feel free to experiment –
NOTHING CAN BREAK!**
**Knobs without rabbits control
modulation and take effect only
when you start patching.**

8. CLOCK SYNC

Use SYNC▼ to synchronize with
an external clock. The FX Wizard
will follow. To be the leader, use
the SYNC▲ out.



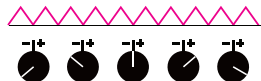
9. TEMPO

To set the tempo, hold **SHIFT**
and turn the **TEMPO** knob.
To tap the tempo, hold **SHIFT**
and press **TAP** a few times.
If using SYNC▼ in, the **TEMPO**
knob sets the tempo
multiplier/divider.

**To truly master the ways of FX MAGIC,
learn the ways of modulation!**

MODULATION MAGIC

LFO

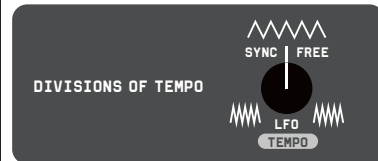


MODULATION EFFECT



Use **FEEDBACK MOD** to adjust the amount of
FEEDBACK modulation. The same goes for
TIME and LFO.

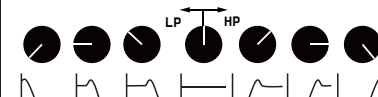
LFO



LFO generates cycling triangle and pulse
waveforms. Adjust the speed with the
LFO knob:

- to the right for free running,
- to the left to sync with the tempo.

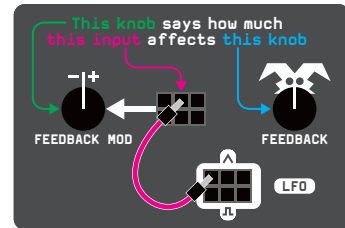
FILTER & STEREO



Use **FILTER** to make your sound:

- brighter – HP (highpass) cuts bass,
- darker – LP (lowpass) cuts treble.

Use **STEREO** to make the sound W I D E R!



TIP: Use CV to switch between FX modes!
**Press FX MODE and turn AMOUNT to adjust
the amount of FX MODE modulation.**