

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 INSTRUMENTS KASTLE 2

PATTERN GENERATOR

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

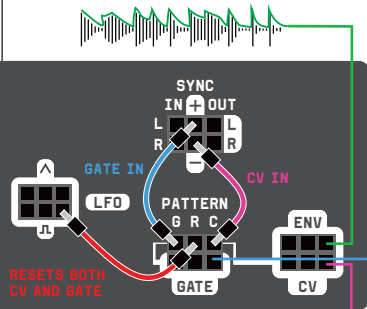
Turn the **RHYTHM** knob to select a pattern on the **GATE** output.

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** **TL** 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.



RESETS BOTH
CV AND GATE

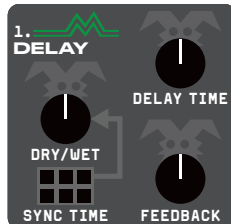


Full manual is here

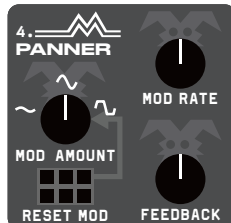


Press **FX MODE** = next mode.

Hold **FX MODE** + press **SHIFT** = previous mode.



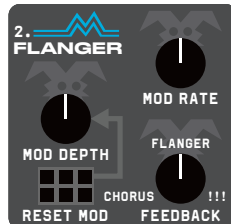
The echo sound full of life.



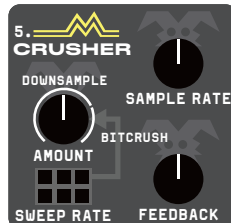
Move left/right & move around.



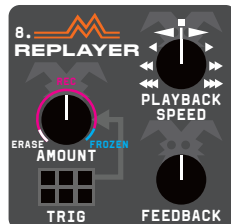
Pitch up & speed up. More!



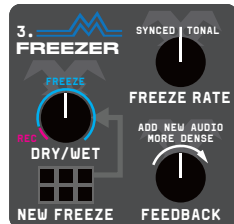
Add movement by detuning.



Digital bits & steps destroyer.



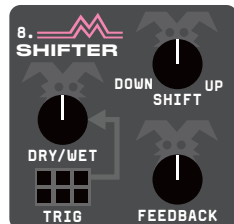
Forward/backward play/replay.



Freeze bits of incoming sound.



Cut out small transients.

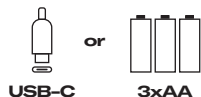


Shift pitch up or down. A lot!

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▲.



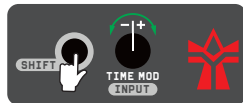
2. POWER UP

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?



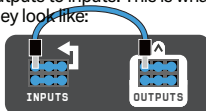
6. MEET THE WIZARD

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:

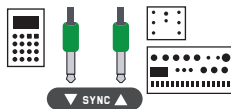


Most sets of 3 points in a row
are connected. Use any of them.

**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 synchronise with
external clock. The FX Wizard
will follow. To be the leader, use
the SYNC▲ out.



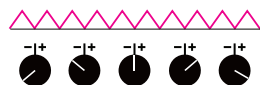
9. TEMPO

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 trully master the ways of FX MAGIC,
learn the ways of modulation!**

MODULATION MAGIC

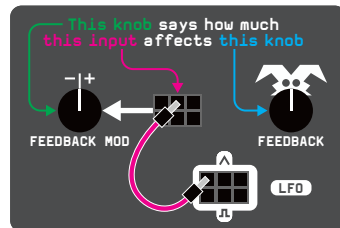
LFO



MODULATION EFFECT

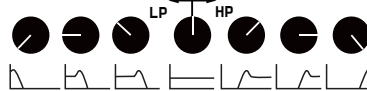


Use **MOD** to adjust the amount of **FEEDBACK**
modulation. The same goes for **TIME** and **LFO**.



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

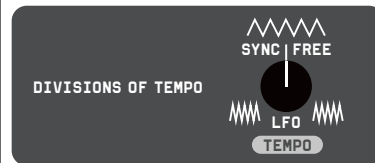
FILTER & STEREO



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 !**

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.