

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**.

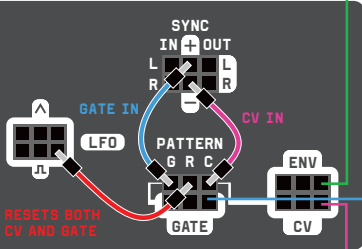
Turn the **RHYTHM** knob to select a pattern on the **GATE** output.

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 varyiate 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.



RESETS BOTH
CV AND GATE



Full manual is here



Press **FX MODE** = next mode.

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

1. **DELAY**

The echo sound full of life.

4. **PANNER**

Move left/right & move around.

7. **PITCHER**

Pitch up & speed up. More!

2. **FLANGER**

Add movement by detuning.

5. **CRUSHER**

Digital bits & steps destroyer.

8. **REPLAYER**

Forward/backward play/replay.

3. **FREEZER**

Freeze bits of incoming sound.

6. **SLICER**

Cut out small transients.

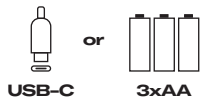
8. **SHIFTER**

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**.



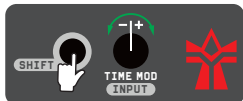
2. POWER UP

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?**



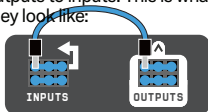
6. MEET THE WIZARD

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:

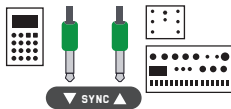


Most sets of 3 points in a row are connected. Use any of them.

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

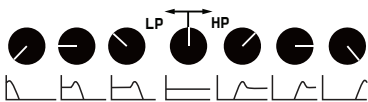


MODULATION EFFECT



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

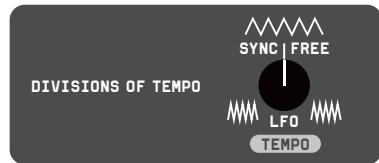
FILTER & STEREO



Use **FILTER** to make your sound: brighter – **HP** (highpass) cuts bass, darker – **LP** (lowpass) cuts treble.

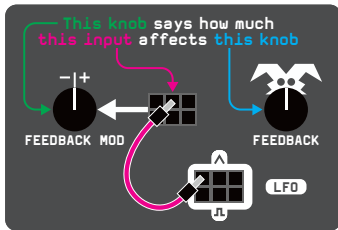
Use **STEREO** to make the sound **W I D E R!**

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.



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