

Bastl's THYME+ optimizes your sound and liberates you from the confines of routine work. With numerous parameters at hand, you can delve deep into time-based effects and explore their wildest combinations.

You have the freedom to experiment with delay, phaser, reverb, chorus, pitch shifter, multi-tap delay, tape delay, tremolo, vibrato, and much more – all in stereo!

essential information to get you started right away.

sequencer enables you to

compose these effects into

This quickstart guide provides

vibrant, dynamic patterns!

For full manual and documentation, scan the QR code.

There's a lot THYME+ can do and we will slowly dive into it. Follow these easy steps to comprehend it all, bit by bit...

In this quickstart guide, we will look into:

Tape delay Sequencer (remember to save your progress as you go, it will be essential) Memory Freeze mode

For the best results, turn the page and follow each step the way it's written.

SEQUENCEABLE ROBOT-OPERATED DIGITAL TAPE MACHINE





three directions: modulation It can subtract from the knob value, it can modulate around it, or it can add its output to the knob value

-/+

bipolar

G

positive

8

negative

There are three

Each Robot

can modify

a parameter in

different settings







LINK

SYNC

ВH

TAP

start/stop message midi channel 1-8 midi channel 9-16 hardware test mode bootloader mode

tape machine parameters

tape and robots parameters



1. START HERE

Plug in your power supply, input signal, and output signal.

For starters, to learn the instrument and best hear the processes, it's best to use a simple continuous rhythm signal instead of drones or an instrument you would have to play actively.

Select an empty BANK with empty PRESETS (SHIFT + PRESET)



Select an empty **PRESET**

2. LET THERE BE SOUND

- Adjust INPUT GAIN to a desired level. A GREEN light indicates an incoming signal, while a RED light indicates clipping (the signal is too loud)
- Adjust VOLUME. Now you can hear your signal!
- Quickly turn **MIX** to unfreeze the knob* Adjust between DRY (original) and WET (processed) signal

*Knob freezing is a function keeping the knob values set. It applies to all the knobs except **INPUT GAIN** and **VOLUME**.



3. SIMPLE DELAY

Delay is the core of this instrument. It functions as an analog tape machine. There is a virtual digital "tape" as well as write and read heads interacting with it.

- Unlock and adjust the **COARSE** knob. It controls the main delay time
- Use **FINE** to make precise delay time adiustments
- Adjust FEEDBACK to control the amount of the signal fed back to the write head

TAPE SPEED changes how fast the tape moves, so it affects the overall duration of the loop and, therefore, the audio sample rate. The slower the tape (turning the knob to the left), the more digital sound artifacts appear.



FEEDBACK COARSE TAPE

You can press LINK to compensate for the change in delay time caused by adjusting TAPE SPEED

- Press **TAP** multiple times to set the tempo of the main clock. The tempo is indicated by the blinking green light above'
- Press the **COARSE SYNC** button to sync the delay time to the main clock Play around with all these parameters

*If there's no light indication, check the clock source (SHIFT + **TAP**) and select the TAP option. The setting is indicated by one of the three lights:





4. COPY & PASTE PRESETS 8. MORE ROBOTS

- Select a **PRESET**
- (or just stay in the current one) Press SHIFT + WRITE to COPY
- the current **PRESET** settings
- Select another **PRESET** Press SHIFT + PLAY to PASTE

5. ADDING DENSITY

You can add three more extra read heads to the tape. They will be added after the main read head.

- Unfreeze and adjust **LEVELS**. This knob
- controls the volume level of all three read heads Play around with **SPACING**. This knob controls the distance between the three extra read heads

These heads also react to **FEEDBACK** and TAPE SPEED. Let's try it out!

6. ERASING A PRESET

If you happen to get lost because things grow a bit too chaotic ... don't panic!

Press BYPASS + PRESET to erase the corresponding preset

Since you still have the first preset in your device's memory, you can always PASTE it again (SHIFT + **PLAY**).

7. ROBOTS

Now's the time to learn how to automate parameters using Robots.

Let's try it on the **FILTER** parameter:

- Select an empty **PRESET**.
- PASTE your copied preset again Play around with the **FILTER** knob. On the left, it acts as a lowpass (LP). and on the right, as a highpass (HP)
- Hold the **ROBOT** button and then wiggle the **FILTER** knob While still holding (ROBOT), the light over

the **FILTER** knob should light up green with full brightness. It indicates you've selected this parameter to be modulated by a Robot



- While still holding the **(ROBOT)** button, select one of the Robot waveshapes
- Release the **ROBOT** button
- Adjust the **RATE** and **AMOUNT** knobs to set the modulation. The R light indicates the modulation progress of the selected Robot



Adjust FILTER. The Robot still reacts to the knob's position. Its value is a refference point the Robot modulates around. Trv it.

Let's get you STARTED with the BASICS

robots

9. EVEN MORE ROBOTS

In this next example, we will build a simple tremolo effect:

Hold (ROBOT) and automate VOLUME Set RATE, AMOUNT and VOLUME

Robots can be synced (quantized) to the clock in rhythmical intervals:

- Press the SYNC button next to the (ROBOT) button
- Hold (**ROBOT**) and press **SYNC** again. This turns the modulation into **STEREO**. Really cool!

Try to automate more parameters using Robots in the same way!

There is even more to Robots on the other page.

10. TOO MANY ROBOTS

Hold **ROBOT** to see which knobs are automated. Those with an active Robot will flash briefly. Afterwards, the one knob with a lit light is the currently selected Robot.

To deactivate a Robot, select it with a wiggle of the knob and press **ROBOT** + **BYPASS**.

11. SAVE & ERASE

 Press SHIFT + SELECT to SAVE your whole BANK

This will save all the current settings. All will stay saved even after restarting the device.

Save your presets, so that you can build a sequence with them.

- Press SHIFT + PRESET
- to select a BANK (1-8) Press **PRESET** to select a PRESET (1-8)
- from the active BANK

THYME+ is, by default, shipped with all the BANKS and PRESETS empty. However, if you need to clear a BANK, press BYPASS + SHIFT + PRESET.

Using Robots, you can create interesting

Turn the FINE knob, and listen to

Hold **(ROBOT)** and wiggle **FINE**

to automate **FINE** with a Robot

Release (**ROBOT**) and play with

right. It now functions as (SHAPE)

modulating the **FINE** knob:

the SHAPE knob

AMOUNT, RATE, and FINE

You can change the waveform shape from triangle

Hold **ROBOT**) and turn **RATE** fully to the

Choose a different waveform shape for the Robot

Hold \fbox{ROBOT} and press a corresponding

PRESET button to select the desired

Now, you can smooth out the edges with

If you're curious, check the table on the other

page for all the possible waveshaping variants.

waveshape. Let's try the random shape

(July for a Sample & Hold-like effect.

Every waveshape reacts differently.

in a flanger-like effect:

the flanger effect

to sine wave:

Select a new **PRESET**

Adjust FEEDBACK

modulations, such as the following one, resulting

Now that you have a few presets prepared & saved, let's learn how to turn them into sequences...



*if not working, make sure your clock source is set to TAP **if not working, stop the sequencer and make sure that the WRITE light is off.

