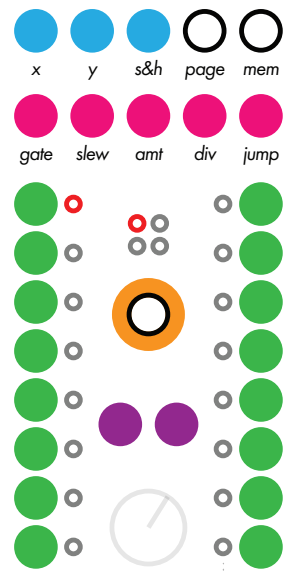


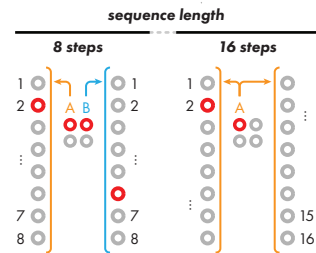
sequence

home screen

At startup and rest, the sequencer is displayed. You can see and edit the active steps in the sequence here, and access all of 2step's other functions.

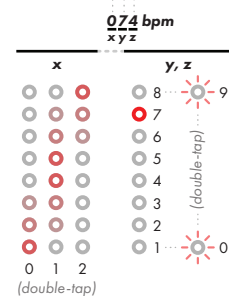
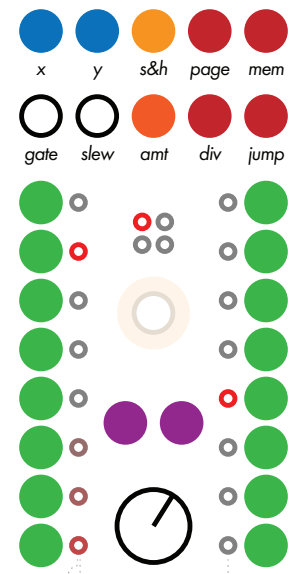


- edit parameter** per channel
- select a step** first to edit parameter by step
- map an input** to a channel parameter
- select a step** first to edit mapping amount by step
- cycle page** also cycles channels
- change sequence length** left or right to shorten or lengthen
- memory menu** patch storage, undo
- system menu** transport, tempo, settings
- tap tempo** tap in tempo 4 or more times



transport & system

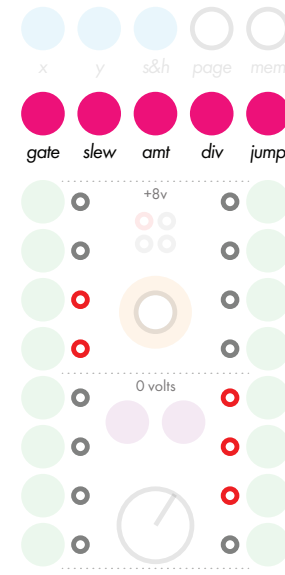
The system menu provides access to play/pause controls, the metronome, and settings: device, patch, and 4x output channel settings pages are all accessed from here.



- change bpm multiplier** 1x, 2x, 4x, 8x
- set tempo** by numeric edit up to 299
- set tempo** smoothly by knob up to 255
- play/pause** internal metronome
- reset** all channels to step 1
- system settings** saved immediately
- patch settings** saved with patch
- channel settings** 4x ch. all saved with patch

2step worldmap

input monitor

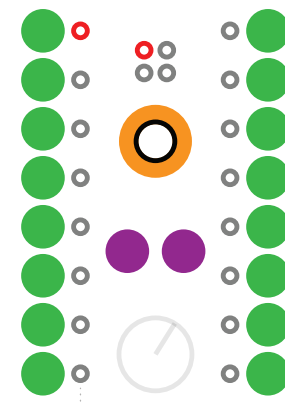


Select any input and you'll see the input display, a live view of the cv input voltages **x** and **y**. From here, select a parameter to map the input into it.

map input into a parameter

patch storage

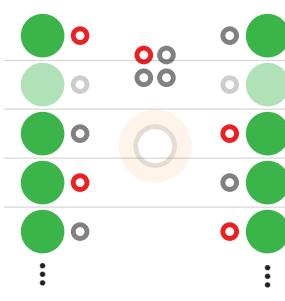
In the memory menu, you can save or load patches from any of the available 16 slots. You can also undo or redo up through 63 past actions.



- toggle load/save** first menu is load, re-press to toggle
- load or save patch** load occurs on ch A step 1
- hasten load** 1x to load on next beat, 2x to load now
- undo/redo** brings up a sub-screen when activated



settings

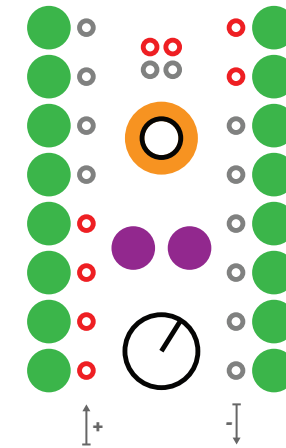


Settings pages display an option in each row of lights. See the reference on the other side for a list of settings.

toggle setting lights indicate current value

ch. param

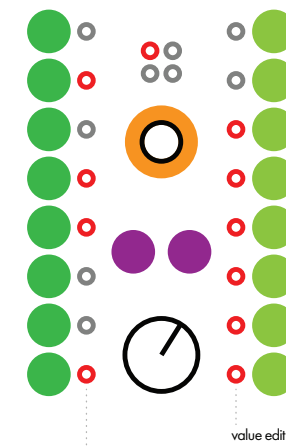
When editing a parameter by channel, the lights function as a fader display of the parameter value. Use the buttons or the knob to edit the value.



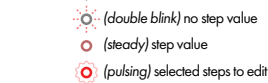
- edit value** double-tap to invert bipolar values
- edit value** smoothly with the knob
- select knob target** when sequence length is 8
- reset value** hold to restore default value
- switch to step select** edit this parameter value by step

step param

When editing parameters per step, the display is split in half. You can select steps to edit on one half, and the value is displayed and edited on the other. You can use the left and right buttons to flip the sides.

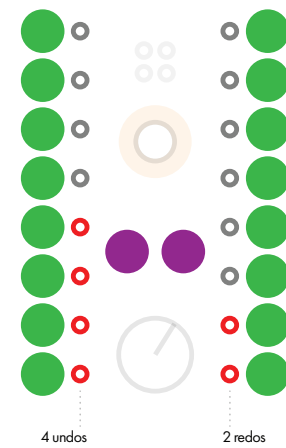


- select steps** lit steps are edited
- edit value** double-tap to invert bipolar values
- edit value** smoothly with the knob
- select step column** the other column becomes the value lane
- reset value** hold to restore default value
- switch to channel edit** edit the channel value for this parameter



history

Once you undo, you see the past on the left and the future on the right. As you undo, you can see actions move to the right.



- jump to history state** skip in bigger increments
- undo** most recent change to the working patch
- redo** an undone change



all parameters



	setting				releasing				repeating (ratcheting)				flow control			
wavestep controls left to right	delay	slew	curve	value	hold	slew	curve	value	interval	count	skew	decay	div	stride	jump	chance
2step controls see below for layer access guide	●●●●● gate layer 2	●●●●● slew layer 1	●●●●● slew extended 1	●●●●● amt layer 1	●●●●● gate layer 1	●●●●● slew layer 2	●●●●● slew extended 2	●●●●● amt layer 2	●●●●● gate extended 1	●●●●● div layer 2	●●●●● gate extended 2	●●●●● amt extended 2	●●●●● div layer 1	●●●●● jump layer 2	●●●●● jump layer 1	●●●●● amt extended 1
type	time	rate	% curve	volts	time	rate	% curve	volts	time	count	Δ time	% Δ volts	clock division	step count	step #	% prob.
default value	0 ms	inf volt/sec	0% curve	5 volts	10 ms	inf volt/sec	0% curve	0 volts	1 ms	0 repeats	0 ms/repeat	0%/repeat	1 clock/step	1 step	(no jump)	100%
value range	0 ms 100 ms 20 ms 1/2 sec 12 sec	inf volt/sec 100 volt/sec 1600 volt/sec 16 volt/sec 1/2 sec	0 ~ 100%	-8 ~ 8 volts	0 ms 100 ms 20 ms 1/2 sec 12 sec	inf volt/sec 100 volt/sec 1600 volt/sec 16 volt/sec 1/2 sec	0 ~ 100%	-8 ~ 8 volts	0 ms 100 ms 10 ms 1 sec 10 sec	0 1 2 3 4 5 6 7 15 31 63 127 255 511 1023 inf	0 ms 10 ms 100 ms 1 sec	0 ~ 100%/rpt.	1 2 3 4 5 6 7 8 16 32 64 128 256 512 1024 inf	1 ~ seq. length	1 ~ seq. length	0 ~ 100%

2step parameter layout

	page	gate	slew	amt	div	jump
hold page from param. edit screen to toggle normal vs extended						
layer 1 press param once	●●	gate	slew set	set value	div	jump
layer 2 press param twice	●●	delay	slew release	release value	repeat	stride
extended 1 press param once	●●	repeat delay	slew curve set	chance		
extended 2 press param twice	●●	repeat skew	slew curve rel.	repeat decay		

settings system

<i>limit step blinking</i> to home screen	☐ ☐ off	☐ ☒ on		
<i>double-tap</i> keypress input interval	☐ ☐ short	☐ ☒ mid	☐ ☒ long	
<i>hold mode</i> let go to go home	☐ ☐ off	☐ ☒ on		
(blank)				
<i>patch load step</i> active step on load	☐ ☐ defer	☐ ☐ reset	☐ ☒ hold	☐ ☒ saved
<i>patch quickload step</i> active step on hasten	☐ ☐ defer	☐ ☐ reset	☐ ☒ hold	☐ ☒ saved
<i>patch load value</i> channel value on load	☐ ☐ defer	☐ ☐ reset	☐ ☒ hold	☐ ☒ saved

to patch settings

channel

envelope reset to release value on next step	●● off	●● on
(blank)		
step on clock default clock input	●● off	●● on
step on cv x trig use cv x as a trig	●● off	●● on
step on cv y trig use cv y as a trig	●● off	●● on
step continuously step at end of sequence	●● off	●● on

2step reference