

CV CV2 GATE CV3 IN MIDI/TRIG OUT MIDI/TRIG/PO

usb charging can be disabled by holding screen and pressing e2 (the right-most piano key) this can sometimes cancel noise +

transpose buttons

change octave press – or + to transpose the musical keyboard, and change the current octave	
offset track press and hold track together with – or + to shift all notes on the active track	+
offset steps / micro timing press and hold a step and repeatedly press – or + to shift timing of that step	+

editing

copy step press and hold a lit step to copy it to memory.	hold
paste step whenever a step is copied to memory, pressing any empty step will paste it	→
edit step note hold a lit step and press notes to change the notes for that step	+
add parameter lock hold a lit step and turn any dial to set or edit the dial parameter for that step	+
clear parameter locks hold rec and stop and wait until all steps are lit. this will clear all parameter locks	+
clear track hold track and stop and wait until all step lights are lit	+
note length hold a lit step and press another step to set the duration of the held step	+
micro timing press and hold a step and press – or + to shift timing of that step 1 tick back or forward	+

this tiny manual is made by submit.audio

recording

step by step recording hold record while the sequencer is stopped use the keyboard to record notes step by step	+
record lock hold rec + play to lock recording mode all input is recorded without the need for holding down rec	+
record arm if the sequencer is stopped when holding rec + play then recording will be armed	+
release record lock press play or stop to release record lock if engaged	
subtractive recording press – while holding rec for subtractive recording mode. held notes will now be removed from active steps	+

→ filters **adsr** lfo fx arp filters **adsr** arp fx






component	1	2	3	4	5	6	7	8	9	0
pulse	count 1	count 2	count 3	count 4	count 5	count 6	count 7	count 8	count 9	rand
pulse hold	count 1	count 2	count 3	count 4	count 5	count 6	count 7	count 8	count 9	rand
multiply	X1	X2	X3	X4	X5	X6	X7	X8	brkn chord	quantize
velocity	-4	-3	-2	-1	default	+1	+2	+3	mute	rand
ramp up	2 stp 1 oct	3 stp 1 oct	4 stp 1 oct	5 stp 1 oct	6 stp 1 oct	2 stp 3 oct	3 stp 3 oct	4 stp 3 oct	5 stp 3 oct	6 stp 3 oct
ramp down	2 stp 1 oct	3 stp 1 oct	4 stp 1 oct	5 stp 1 oct	6 stp 1 oct	2 stp 3 oct	3 stp 3 oct	4 stp 3 oct	5 stp 3 oct	6 stp 3 oct
random	2 stp 1 oct	2 stp 1 oct	2 stp 1 oct	2 stp 1 oct	2 stp 1 oct	2 stp 1 oct	2 stp 1 oct	2 stp 1 oct	2 stp 1 oct	2 stp 1 oct
portamento	glide 1	glide 2	glide 3	glide 4	glide 5	glide 6	glide 7	glide 8	direct	rand
sweep	filter up	filter down	synth up	synth down	pan	fit up long	fit down long	sy up long	sy down long	pan
tonality	no chrd progr	trnsp only	offset oct	offset fifth	offset third	chrm up	chrm down	quant 1	quant 2	quant 3
jump	jmp to start	jmp to 2/4	jmp to 3/4	jmp to 4/4	jump forw	jump back	jmp to rand	stay	align to glob trk	gate step
param spark	1	12	123	1234	12345	123456	1234567	12345678	rand	reset count
compo spark	1	12	123	1234	12345	123456	1234567	12345678	rand	reset count
trigger spark	1	12	123	1234	12345	123456	1234567	12345678	rand	reset count

1	2	3	4	5	6	7	8	9	0				
fitsw	stereo	pitch	short	long	fitsw	stereo	pitch	short	long				
duck	loop1	loop2	follow	ramp up	ramp down	Rndm	duck	loop1	loop2	echo	fill 1	fill 2	Rndm

track parameters

step count with step count you can decide the number of steps that a track will use	 +  + 
step length you can set a step length multiplier to extend the duration of each step	 +  + 
randomize preset to randomize a new preset hold track and press rec. come up with new sounds	 + 
kill track notes while the sequencer is playing you can hold track and press stop to kill all active notes	 + 
project  +  =upgrade mode  +  =factory reset	
chain patterns press and hold project and press play to enter chain mode. keep holding project and select up to 32 patterns to create a pattern	 +  +  +  + 
copy pattern press and hold project and press shift once to copy the currently active pattern	 + 
paste pattern keep holding project and press the destination pattern 1-16 to paste it	 +  + 
copy settings press and hold project and press shift twice to copy the currently active pattern settings	 +  + 
paste settings keep holding project and press the destination pattern 1-16 to paste the settings	 +  + 
copy track press and hold project and press shift twice to copy the currently active pattern settings	 +  +  + 
paste track keep holding project and press the destination pattern 1-16 to paste the settings	 +  + 
clear pattern press and hold project and stop and wait for the bar to fill up. when full the pattern is cleared	 + 
clear project press and hold project and stop and shift to clear the entire project	 +  + 
bounce pattern press and hold project and rec to render a 10 second audio file of the current pattern. the audio file will be saved to disk along with a copy of the project. you can store up to 5 bounces	 + 
snapshot hold project and + to store a snapshot of the current project. previous snapshot will be overwritten	 + 
recall snapshot hold Project and - to recall the stored project snapshot	 + 



chord progressions

playback speed hold track + shift and choose playback speed using the value keys	 +  + 
note styles there are two styles on the master track - latch and free. note style is set by holding track and turning the blue dial latch quantizes to even steps without micro timing and programmed notes stay active until the end of the bar. free has micro timing and no latching.	 + 

















sampling

create user sample hold track together with an empty slot 1-0 to create a new user sample pack	 + 
remove user sample hold track together with an existing user slot for three sec. to remove sample pack	 + 
enter sample mode press and hold stop + rec to enter sample mode. this is where you record and tweak	 + 
exit sample mode press stop while in sample mode to exit and return to normal operation	
preview input press play to toggle previewing of the active input source on or off	
toggle test tone press track to toggle a test tone of 440 hz on or off. this corresponds to the middle A note	
test tone volume adjust the volume of the test tone by pressing and holding track while turning the green dial	 + 
input gain press and hold shift and press the top track buttons 1 - 16 to adjust input gain	 + 
sample press and hold rec to start recording from the active input source. release rec to stop recording	

input sources + content mode for backup

select usb source to use usb as the active input source, first connect OP-Z to a mobile device or a computer, and then select OP-Z as the active audio output device. this enables you to sample digitally, via usb.	
select microphone the built-in microphone is the default input source for sampling and is active as long as no other source is selected.	
select headset source press the headset's button to toggle the headset as the active input source. you can toggle the headset input manually, by SCREEN+SHIFT	 + 

input section

 + 	 + 	 + 	 + 
enables mic	enables headset	enables usb in audio	disable input
 + 	 + 	 + 	 + 
toggle fx1 fx2	decrease input	increase input	monitor incoming usb audio signal