

Controls:**Patches:**

Z Saw Bass
X Saw Bass 2
C Saw Filter 5ths
V Saw Port
B Pulse
N Pulse High
M Sine High Long
, Sine Port
. Noise
/ Mute

F1 octave 3
F3 octave 2
F5 octave 1
F7 octave 0

A short release
S med release
D long release
J video on
K video when playing
L video off (reduces noise)
: volume low
; volume med
= volume high
Up/Down fifths off
Left/Right fifths on

Space Bar whammy bar
RETURN On Screen Help
CTRL Custom Patch



F1 regular SID HEX edit
F7 piano overlay SID HEX edit
F3 Save Custom Patch

QWERTYUIOP tuning (-40 to +50)

Z PAL
X NTSC



ASDFGHJ set fixed filter value
V Paddle2 Off
B Paddle2 Pulse width
N Paddle2 LFO
M Paddle2 Bend
Z Filter ON
X Filter OFF
C Filter Disable



F1 portamento fast
F3 portamento med
F5 portamento slow
F7 portamento off

A short attack
S med attack
D long attack
Z LFO slow
X LFO med
C LFO fast
V LFO warp
B LFO off
N LFO low
M LFO med
, LFO high
J video mode 1
K video mode 2
L video mode 3
; Video EFX Size Normal
: Video EFX Fullscreen

Up/Down Paddle2 off
Left/Right Paddle on

A paddle controller plugged into controller port 2 Potentiometer Y, Pin 7 (+5V) and Pin 9) ,is automatic activated and will control the filter cutoff.

A paddle controller plugged into controller port 2 Potentiometer X, Pin 7 (+5V) and Pin 5 Is assignable to LFO depth Pitch or Puls width.

Using the SID HEX editor:

Use RUNSTOP+F1 to enter normal SID HEX editing mode. This allows you to edit SID registers directly.

Use 0-9 and A-F to enter the two digit address to change, followed by the two digit value to write to that address.

If you are using the piano keyboard overlay, the numbers and some letters will be covered, so to use an alternate keyboard setup for the SID HEX edit: press RUNSTOP+F7 and then use the black keys for 0-9 and the center white keys for A-F.