

Keys	Description
SHIFT + F9	record start/stop
F9	play/stop
F10	play from beginning
F11	play pattern
F12	stop
SHIFT + F12	go to beginning

Keys	Description
CTRL + O	load project
CTRL + S	save project
CTRL + B	save project to BACKUP.sunvox

Musical keyboard:

Keys	Description
Z,S,X,D,C,V,G,B,H,N,J,M,'<',L,'>',';','/' Q,2,W,3,E,R,5,T,6,Y,7,U,I,9,O,0,P,[,=,],ENTER	musical keyboard (notes)
F1F8	set octave number
SHIFT+)	octave up
SHIFT + (octave down

Event format: NN VV MM CCEE XXYY

Note number | Module number

- VV velocity (00..80);
- MM module number (00,01,02,03,04,05,06,07,08,09, ... FF);

from 01 to FF (in hex) 00 - controller not selected

(in hex)

from 00 to 80 effect number (in hex)

Standard tracker

(in hex)

- CC the controller number (01,02,03, ... 7F) or the MIDI controller number (80,81,82, ... FF);
- EE effect that will be applied to the last note activated on the current track; some effects (marked in bold) can use the last nonzero parameter

 Pattern editor: when XXYY = 0:

Parameter: value of

selected controller or

value of selected std. effect.

From 0000 (minimum) to 8000 (maximum)

- 01 slide up (portamento up; sliding speed = XXYY);
- 02 slide down (portamento down; sliding speed = XXYY);
- 03 slide to note (sliding speed = XXYY);
 04 vibrato: (XX frequency: YY amplitude);
- 07 set phase (or sample offset) XXYY in percents (from 0000 (0%) to 8000 (100%));
- = 08 arpeggio (XX second note increment; YY third note increment);
- = 09 set phase (or sample offset) XXYY in samples*256_{dec} OA - slide velocity up/down (XX - up speed; YY - down speed):
- = 0F set playing speed (XXYY: 0001...001F number of ticks per line; 0020..00FF BPM) or time grids (XXYY: F001...F020 and F100..F120);

- 12 fineslide down
- * 13 set Bypass/Solo/Mute (BSM = XYY) flags: example of mute: 13 0001: example of solo: 13 0010 14 - reset Bypass/Solo/Mute (BSM = XYY) flags; example of bypass reset: 14 0100;
- 19 re-trigger note after XXYY ticks during the line;
- = 1C cut note after XXYY ticks in the current line
- . 1D delays the start of note until tick XXYY in the current line;
- 1F set BPM;
- = 20 note probability;
- = 21 note probability with random velocity;
- = 22 set controller value to the random number from 0000 to XXYY;
- 23 set controller value to the random number with range from XX (00..FF) to YY (00..FF);
- 30 stop playing the song;
- 40...5F delay an event for selected fraction of the line (from 40 (0%) to 5F (96.875%));
- XXYY parameter of a selected effect/controller (0000 min; 8000 max).

Keys	Description
•	•
SPACE	edit mode ON/OFF
CTRL + '='	increase the edit step
CTRL + '-'	decrease the edit step
CAPSLOCK or '~'	insert "Note OFF" (==)
K	insert a special command "Set Pitch" (SP)
SHIFT + K	insert a special command "Previous Track" (<<)
CTRL + M	paste and mix
CTRL + T	select track
CTRL + I	interpolate values
CTRL + U	interpolate velocity
SHIFT + '='	transpose up (+1 semitone)
SHIFT + '-'	transpose down (-1 semitone)
SHIFT + ']'	transpose octave up (+12 semitones)
SHIFT + '['	transpose octave down (-12 semitones)
CTRL + P	place selected events evenly
not assigned	remap

General

Keys	Description
CTRL + Z	undo
CTRL + Y or SHIFT + CTRL + Z	redo
CTRL + N	new project or object (module/pattern/)
LEFT,RIGHT,UP,DOWN, PAGEUP,PAGEDOWN, HOME,END,TAB	navigation
SHIFT + UP/DOWN/LEFT/RIGHT	selection
CTRL + (selection begin
CTRL +)	selection end
CTRL + A	select all
CTRL + X or SHIFT + DELETE	cut
CTRL + C	сору
CTRL + V or SHIFT + INSERT	paste
CTRL + D	duplicate / clone
INSERT (or Command+I on Mac)	insert an empty note and shift the pattern content down; or just insert something
BACKSPACE	delete previous note and shift the pattern content up; or just delete something
DELETE (or Fn+Backspace on Mac)	delete

Modules (routing):

Keys	Description
CTRL + R	randomize module controllers
SHIFT + mouse movement	module link/unlink
SHIFT + controller value change	write the value to the pattern
SHIFT+>	next module
SHIFT + <	previous module
CTRL +>	next synth
CTRL + <	previous synth
CTRL + RIGHT	next module horizontally
CTRL + LEFT	previous module horizontally
CTRL + DOWN	next module vertically
CTRL + UP	previous module vertically
CTRL + 1	toggle mute
CTRL + 2	toggle solo
CTRL + 3	toggle bypass
CTRL + 4	unmute all modules
CTRL + F	find a module
SHIFT + scroll wheel	change the size of all modules
CTRL + scroll wheel	change the size of the selected module