

### Global keyboard controls

Cmd-Alt-F	Switch between full screen and windowed display	Esc	Stop
Shift-M	Mute current channel	Cmd-F	Toggle song follow
Shift-U	Unmute all channels	Cmd-P	Toggle prospective pattern view
Cmd-Shift-M	Invert muting	Cmd-W	Toggle pattern wrapping
Cmd-Shift-T	Open new tab	Cmd-L	Toggle pattern change behavior (live mode)
Cmd-Shift-W	Close current tab	Cmd-O	Load song
Cmd-Shift-Left	Select previous tab	Cmd-S	Save song
Cmd-Shift-Right	Select next tab	Cmd-Shift-S	Save song as...
2, 3, 5, 6... Q, W, E, R... S, D, F, G... Z, X, C, V...	Play / Insert notes (depending on whether edit mode is on); try to play around with pressing other keys to find out what notes they're mapped to =)	Cmd-Q Alt-F4	Exit program
F1...F8 Cmd-Shift-1...8	Select octave	Cmd-Alt-A	Switch to advanced edit
Space	Toggle pattern editor focus (edit mode on/off)	Cmd-Alt-C	Switch to configuration
Enter	Play song from current order	Cmd-Alt-D	Switch to disk operations
Cmd-Enter Shift-F9	Play current pattern from beginning	Cmd-Alt-I	Switch to instrument editor
Shift-Enter	Play current pattern from cursor position	Cmd-Alt-R	Switch to disk recorder
Shift-F10	Play current pattern from position after the first quarter of the pattern length	Cmd-Alt-S	Switch to sample editor
Shift-F11	Play current pattern from position after the second quarter of the pattern length	Cmd-Alt-T	Switch to transpose
Shift-F12	Play current pattern from position after the third quarter of the pattern length	Cmd-Alt-X	Switch to main screen
Alt-Space	Play song from current row (stop and return when keys are released)	Cmd-Alt-Z	Toggle scopes
Shift-Space	Play row by row		

### Pattern Editor keyboard controls

Cursor keys	Move around	Cmd+A	Select entire pattern
Tab	Jump to next channel	Cmd+X	Cut
PageUp	Jump 16 rows up	Cmd+C	Copy
PageDown	Jump 16 rows down	Cmd+V	Paste
Home	Jump to first row	Cmd+I	Interpolate values
End	Jump to last row	Delete	Delete note/instrument/volume/effect/operand
F9	Jump to beginning of the pattern	Shift-Del	Delete note, volume and effect at cursor
F10	Jump to position ¼ through the pattern	Cmd-Del	Delete volume and effect at cursor
F11	Jump to position halfway through the pattern	Alt-Delete	Delete effect at cursor
F12	Jump to position ¾ through the pattern	Insert	Insert space on current track at cursor position
Cmd+Z	Undo	Shift-Insert	Insert row at cursor position
Cmd+Y	Redo	Backspace	Delete previous note
Shift-Cursor keys	Select block	Shift- Backspace	Delete previous row
Shift-Alt- Cursor keys	Extend block	1 The key right of LShift	Enter key-off

### Transpose keyboard controls

Alt+F7	Transpose current instrument in block down	Alt+F1	Transpose all instruments in block down
Alt+F8	Transpose current instrument in block up	Alt+F2	Transpose all instruments in block up
Shift+F7	Transpose current instrument in track down	Shift+F1	Transpose all instruments in track down
Shift+F8	Transpose current instrument in track up	Shift+F2	Transpose all instruments in track up
Cmd+F7	Transpose current instrument in pattern down	Cmd+F1	Transpose all instruments in pattern down
Cmd+F8	Transpose current instrument in pattern up	Cmd+F2	Transpose all instruments in pattern up

### Sample Editor keyboard controls

Shift & drag	Quick draw	Alt & drag	Move selection or loop range
Cmd & drag	Resize selection		

### Not too trivial control buttons

SEQ	Sequence – inserts the next unused pattern in the pattern order table
CLN	Clone – inserts the next unused pattern in the pattern order table and copies the data from the current pattern to the new one
F	Follow – toggles song following; disabling it allows better song editing while playing
P	Prospective – toggles prospective pattern view; when disabled, one pattern is shown; when enabled the patterns show as a continuous strip
W	Wrap – toggles pattern wrapping; if enabled allows moving from pattern to pattern with cursor keys, otherwise sticks editing to the selected pattern
L	Live – toggles live mode; if enabled applies position changes only after the pattern has finished, otherwise behaves normally

### Commands accepted by the volume column

xx	Set note volume	Vx	Vibrato; x=depth
+x	Volume slide up; x=speed	Px	Set note panning position; x=0: far left, x=F: far right
-x	Volume slide down; x=speed	Lx	Panning slide left (displayed as ◀x); x=speed
Ux	Fine volume slide up (displayed as ▲x); x=speed	Rx	Panning slide right (displayed as ▶x); x=speed
Dx	Fine volume slide down (displayed as ▼x); x=speed	Mx	Portamento to note; x=speed
Sx	Set vibrato speed; x=speed		

### Commands accepted by the effects column

0xy	Arpeggio (not FT2 compliant when song speed is greater than or equal to 16); x and y in semitones	E60	Set pattern loop begin point (mix on same row with EEx pattern delay has problems)
1xx	Portamento up; xx=speed	E6x	Pattern loop (mix on same row with EEx pattern delay has problems); x=number of iterations
2xx	Portamento down; xx=speed	E7x	Tremolo control (not yet implemented); x=waveform 0: sine, 1: ramp down, 2: square, 4: continuous sine, 5: contin ramp down, 6: continuous square
3xx	Portamento to note; xx=speed	E8x	Set note panning position (not supported; use 8xx or Px instead)
4xy	Vibrato; x=speed, y=depth	E9x	Re-trigger note; x=retrigger interval in ticks
5x0	Portamento to note with volume slide up; x=volume slide speed	EAx	Fine volume slide up; x=speed
50x	Portamento to note with volume slide down; x=volume slide speed	EBx	Fine volume slide down; x=speed
6x0	Vibrato with volume slide up; x=volume slide speed	ECx	Cut note after x ticks; x=0..song speed-1
60x	Vibrato with volume slide down; x=volume slide speed	EDx	Delay note by x ticks (does not support additional effects in volume column); x=0..song speed-1
7xy	Tremolo; x=speed, y=depth	EEx	Pattern delay (mix on same row with E6x pattern loop has problems); x=row count
8xx	Set note panning position; xx=00: far left, xx=FF: far right	EFx	Funk it! (not implemented)
9xx	Sample offset; xx=offset in 256 bytes steps	Fxx	Set song speed / bpm; xx=speed in ticks per row (00..1F) or bpm (20..FF); xx=00 stops the song
Ax0	Volume slide up; x=speed	Gxx	Set global volume; xx=volume (00..40)
A0x	Volume slide down; x=speed	Hx0	Global volume slide up; x=speed
Bxx	Jump to order; xx=new song position	H0x	Global volume slide down; x=speed
Cxx	Set note volume; xx=volume (00..40)	Kxx	Key off after xx ticks; xx=00..song speed-1
Dxx	Pattern break; xx=row to start from in next pattern	Lxx	Set volume envelope position; xx=new position
E0x	Amiga LED filter toggle (not implemented)	Px0	Panning slide right; x=speed
E1x	Fine portamento up; x=speed	P0x	Panning slide left; x=speed
E2x	Fine portamento down; x=speed	Rxy	Re-trigger note with volume slide; x=volume slide speed, y=interval (0=previous, 1..7=1..*0.5, 8=no change, 9..F=+1..*2)
E3x	Glissando control (not yet implemented); x=0: off, x=1: on	Txy	Tremor; x=number of ON ticks, y=number of OFF ticks
E4x	Vibrato control (not yet implemented) x=waveform 0: sine, 1: ramp down, 2: square, 4: continuous sine, 5: continuous ramp down, 6: continuous square	X1x	Extra fine portamento up; x=speed
E5x	Set note fine-tune; x=offset XM modules: 0..7=-128..-16, 8=0, 9..F=+16..+112 MOD modules: 0..7=0..+112, 8..F=-128..-16	X2x	Extra fine portamento down; x=speed

### Known replay differences between FT2 and MilkyTracker

0xy arpeggio when song speed is greater than or equal to 16	E7x tremolo control is not implemented
E3x glissando control is not implemented	?x volume column effects used in conjunction with EDx note delay
E4x vibrato control is not implemented	Portamento overflow "effect" isn't reproduced
E6x pattern loop and EEx pattern delay on the same row	