

SevenDegrees

SevenDegrees is a MIDI effect script, available for the Scripiter PlugIn in Logic Pro X.

It enables you to play the seven chords belonging to a musical key pressing only one note (C,D,E,F,G,A,B) on the keyboard and, this way play chord progressions without actually having to play the individual chords.

It will let you select the musical key (C,C#,D,...A#,B in minor or major) and add some colouring to the chords (sevens, nines, aug, dim,...) by keyswitches.

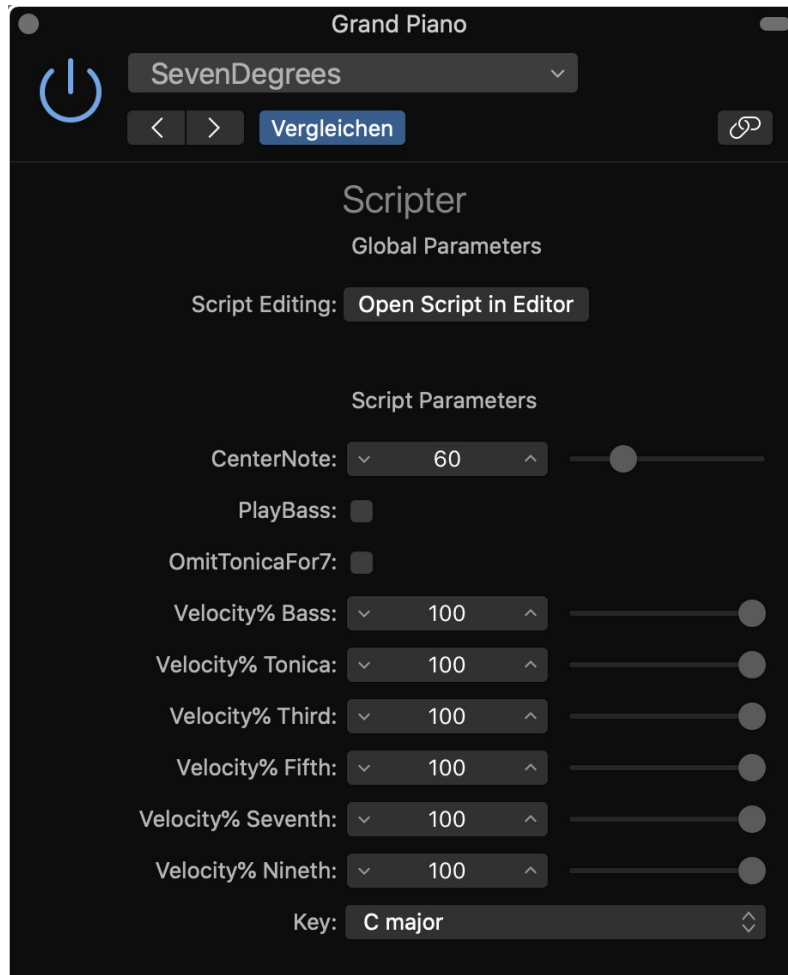
Installation

Copy the downloaded file SevenDegrees.pst to:

Macintosh HD/users/[yourUser]/music/Audio Music Apps/Plug-In Settings/Scripiter

The next time you activate the Scripiter Plugin for a midi track, SevenDegrees will appear as preset in the dropdown menu.

User Interface



CenterNote: the chords will be played closest possible to the selected center note. The algorithm is quite simple so don't expect to hear the finest Jazz voicings. It'll just distribute the notes of the chords as close around the center note as possible.

PlayBass: play an additional bass note (tonica) in a lower octave.

OmitTonicaFor7: when this option is activated, it'll omit the tonica note when an additional seventh is added.

Velocity% sliders: play the corresponding chord note with the selected percentage of the actually played velocity.

Key: musical key (also selectable via key switches)

Playing

On the midi keyboard there are 3 regions:

Notes 72..83 (C4..B4, white keys):

Pressing one of the white keys will play the chord of the corresponding degree (relatively to the selected musical key)

Notes 58..71 (A#2..B3):

Pressing C3..B3 will select the musical key (C, C#, D,.....,B).

Pressing A#2 will make the selected musical key a minor one.

Pressing A#2 will make the selected musical key a major one.

Notes 42..56 (F#1..G#2) Modifier keyswitches. These will add some colouring to the played chords, as long as you hold the keyswitch (see Midi Implementation Table, below).

(It's probably a good idea to put some stickers below or above the keys of your midi keyboard that indicate at least the functions of the Modifier Keyswitches.)

Midi Implementation Table

KSH: key switches that will be applied as long as you hold the key

KS: key switches that will be applied when you press the key once

	Note	Function
42	F#1	(KSH) Force flat 9th
43	G1	(KSH) Add 7th/9th notes (natural resp. scale of musical key)
44	G#1	(KSH) Force sharp 9th
45	A1	(KSH) Force dominant 7th
46	A#1	(KSH) Add 7th (natural resp. scale of musical key)
47	B1	(KSH) Force major 7th
48	C2	(KSH) Force minor chord
49	C#2	(KSH) Force major chord
50	D2	(KSH) Force flat (1 semitone lower)
51	D#2	(KSH) Force sharp (1 semitone higher)
52	E2	(KSH) Diminished
53	F2	(KSH) Augmented
54	F#2	(KSH) Force flat 5th
55	G2	
56	G#2	(KSH) Force sharp 5th
57	A2	
58	A#2	(KS) Minor key
59	B2	(KS) Major key
60	C3	(KS) Select Key C
61	C#3	(KS) Select Key C#
62	D3	(KS) Select Key D
63	D#3	Select Key D#
64	E3	Select Key E
65	F3	Select Key F
66	F#3	Select Key F#
67	G3	Select Key G
68	G#3	Select Key G#
69	A3	Select Key A
70	A#3	Select Key A#

71	B3	Select Key B
72	C4	Play Chord of 1st degree
73	C#4	
74	D4	Play Chord of 2nd degree
75	D#4	
76	E4	Play Chord of 3rd degree
77	F4	Play Chord of 4th degree
78	F#4	
79	G4	Play Chord of 5th degree
80	G#4	
81	A4	Play Chord of 6th degree
82	A#4	
83	B4	Play Chord of 7th degree

Contact

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