

```
1  /*
2  Script: MuseScore_Hotkeys_v1.1.ahk
3  Author: "Wyvern".
4  Date: 3rd May 2017.
5
6  This Script is designed to enhance the Rhythm Entry mode available in MuseScore 2.1.
7  It allows the left-hand to select Note/Rest/Dot/Tuplet modes with the Control keys,
8  while the right-hand simultaneously enters a duration using the Number Pad. It is a
9  less sophisticated version of the Denemo approach.
10
11  The Script requires AutoHotkeys Version 1.1.24.05 or later. The software is Open
12  Source, and may be downloaded from the AutoHotkey Foundation under License GNU GPLv2.
13  SciTE4AutoHotkey is highly recommended for editing and debugging the Script.
14  A compiled *.exe version can also be created that runs without AutoHotkey installed.
15
16  The Directive "#IfWinActive ahk_exe MuseScore.exe" ensures that the Hotkeys are only
17  enabled while the MuseScore Window is Active.
18
19  You are welcome to use, modify, or otherwise adapt the Script as you see fit.
20  However, this is entirely at your own risk. Please use the MuseScore forum to provide
21  "Wyvern" with helpful feedback and suggestions for improving the Script.
22
23  The Number Pad 'Modifiers' are shown below.
24
25  NumPad (1-9) : Note
26  Win+NumPad (1-9) : Rest
27  Alt+NumPad (1-9) : Dotted Note
28  Win+Alt+NumPad (1-9) : Dotted Rest
29  Ctrl+NumPad (2-9) : Tuplet (acts on the previous duration entered)
30
31  Ctrl+Alt+H : Help Box
32  Ctrl+Alt+S : Suspend/Resume Hotkeys (allows normal MuseScore action)
33  Ctrl+Alt+X : Exit
34
35  ; -----
36  ; Scratch Pad
37  ; -----
38  ; To edit the Script, comment-out the "#IfWinActive..." lines. It is highly recommended
39  ; that you use a Scratch Pad to avoid overwriting your code with 'Send' characters!
40  ; Just place your mouse cursor in the Scratch Pad area before triggering any Hotkeys.
41  ;
42  ;
43  ;
44  ;
45  ;
46  ;
47  ;
48  ;
49  */
50
51  ; -----
52  ; Directives
53  ; -----
54
55  #NoEnv                ; Recommended for compatibility with new AutoHotkey releases.
56  #SingleInstance Force ; Replaces script (Reloads).
57  #Warn                 ; Enables warnings to assist with detecting common errors.
58
59  ; -----
60  ; Initialisation
61  ; -----
62
63  SendMode, Event        ; Allows a delay to be set between keystrokes.
64  SetKeyDelay, 10        ; The (default) delay in milliseconds.
65  SetWorkingDir %A_ScriptDir% ; Ensures a consistent starting directory.
66  SetNumLockState, On    ; In case we forget!
67  Suspend, On            ; Suspends Hotkeys until after the initial Help Box.
68
69  ; -----
```

```

70 ; Global Variables
71 ; -----
72
73 Buffer := 0 ; The current key character.
74
75 ; -----
76 ; Main Script
77 ; -----
78
79 if A_IsSuspended ; This is true at start-up.
80 {
81     gosub, Help ; Displays the initial Help Box.
82     Suspend, Off ; Enables the Hotkeys.
83 }
84 return
85
86 ; -----
87 ; Always active Hotkeys
88 ; -----
89
90 ; Help Hotkey
91 ^!h::
92     Suspend, Permit
93     gosub, Help
94     return
95
96 ; Suspend/Resume Hotkey
97 ^!s::
98     Suspend
99     if A_IsSuspended
100         MsgBox, 0, MuseScore HotKeys. Version 1.1.
101         , Hotkeys are suspended.`n`nCtrl+Alt+S to Resume.
102         , 5 ; Five second timeout.
103     else
104         MsgBox, 0, MuseScore HotKeys. Version 1.1.
105         , Hotkeys are active!`n`nCtrl+Alt+S to Suspend.
106         , 5 ; Five second timeout.
107     return
108
109 ; Exit Application Hotkey
110 ^!x::
111     Suspend
112     ExitApp
113
114 ; -----
115
116 #IfWinActive ahk_exe MuseScore.exe ; Enables Hotkeys when MuseScore Window is Active.
117
118 ; -----
119 ; Control Keys (Modifiers)
120 ; -----
121
122 ; Disables the Ctrl keys acting alone.
123 ~LCtrl Up::return
124 ~RCtrl Up::return
125
126 ; Disables the Win keys acting alone.
127 ~LWin Up::return
128 ~RWin Up::return
129
130 ; Disables the Alt key acting alone.
131 ~Alt Up::return
132
133 ; -----
134 ; Note Hotkeys
135 ; -----
136
137 ; Number Pad : No Modifier key.
138 ;Blocked.

```

```
139 Numpad0::
140 NumpadDot::
141     return
142 ; Active
143 Numpad1::
144 Numpad2::
145 Numpad3::
146 Numpad4::
147 Numpad5::
148 Numpad6::
149 Numpad7::
150 Numpad8::
151 Numpad9::
152     ; Retrieves the key value.
153     StringTrimLeft, Buffer, A_ThisHotkey, 6
154     ; Sends the MuseScore string
155     Send, %Buffer%
156 return
157
158 ; -----
159 ; Rest Hotkeys
160 ; -----
161
162 ; Number Pad : With Win key (#) pressed.
163 ; Blocked.
164 #Numpad0::
165 #NumpadDot::
166     return
167 ; Active
168 #Numpad1::
169 #Numpad2::
170 #Numpad3::
171 #Numpad4::
172 #Numpad5::
173 #Numpad6::
174 #Numpad7::
175 #Numpad8::
176 #Numpad9::
177     ; Retrieves the key value.
178     StringTrimLeft, Buffer, A_ThisHotkey, 7
179     ; Sends the MuseScore string
180     Send, 0%Buffer%0 ; '0' is the MS Rest key.
181 return
182
183 ; -----
184 ; Dotted Note Hotkeys
185 ; -----
186
187 ; Number Pad : With Alt key (!) pressed.
188 ; Blocked.
189 !Numpad0::
190 !NumpadDot::
191     return
192 ; Active
193 !Numpad1::
194 !Numpad2::
195 !Numpad3::
196 !Numpad4::
197 !Numpad5::
198 !Numpad6::
199 !Numpad7::
200 !Numpad8::
201 !Numpad9::
202     ; Retrieves the key value.
203     StringTrimLeft, Buffer, A_ThisHotkey, 7
204     ; Sends the MuseScore string
205     Send, .%Buffer%. ; '.' is the MS Dot key
206 return
207
```

```
208 ; -----
209 ; Dotted Rest Hotkeys
210 ; -----
211
212 ; Number Pad : With Win and Alt keys (!) pressed.
213 ; Blocked.
214 #!Numpad0::
215 #!NumpadDot::
216     return
217 ; Active
218 #!Numpad1::
219 #!Numpad2::
220 #!Numpad3::
221 #!Numpad4::
222 #!Numpad5::
223 #!Numpad6::
224 #!Numpad7::
225 #!Numpad8::
226 #!Numpad9::
227     ; Retrieves the key value.
228     StringTrimLeft, Buffer, A_ThisHotkey, 8
229     ; Sends the MuseScore string
230 Send, 0.%Buffer%0. ; '0' and '.' are the MS Rest and Dot characters, respectively.
231 return
232
233 ; -----
234 ; Tuplet Hotkeys
235 ; -----
236
237 ; Number Pad : With Ctrl key (^) pressed.
238 ; Blocked.
239 ^Numpad0::
240 ^Numpad1::
241 ^NumpadDot::
242     return
243 ; Active
244 ^Numpad2::
245 ^Numpad3::
246 ^Numpad4::
247 ^Numpad5::
248 ^Numpad6::
249 ^Numpad7::
250 ^Numpad8::
251 ^Numpad9::
252     ; Retrieves the key value.
253     StringTrimLeft, Buffer, A_ThisHotkey, 7
254     ; Sends the MuseScore string, shifting left to use the previous key duration.
255 Send, {Left}^%Buffer% ; Cursor left, Ctrl+Tuplet.
256 return
257
258 #IfWinActive ; Turns off the initial Directive. Just to be tidy!
259
260 ; -----
261 ; Subroutines
262 ; -----
263
264 ; Help Box: Press Ctrl+Alt+H to display.
265 Help:
266 MsgBox, 0, MuseScore HotKeys. Version 1.1.,
267 (
268 This AutoHotkey Script should be used with the
269 MuseScore Rhythm Entry mode. The Number Pad
270 enters Note or Rest durations. The Win and Alt
271 keys modify the Number Pad, as specified in
272 the list below. They are pressed 'on the fly'
273 while entering the durations (Tuplets excepted).
274 The Tuplets act on the prior duration entered.
275
276 NumPad (1-9) : Note
```

```
277 Win+NumPad (1-9) : Rest
278 Alt+NumPad (1-9) : Dotted Note
279 Win+Alt+NumPad (1-9) : Dotted Rest
280 Ctrl+NumPad (2-9) : Tuplet
281
282 Ctrl+Alt+H : This Help Box
283 Ctrl+Alt+S : Suspend/Resume Hotkeys
284 Ctrl+Alt+X : Exit
285 )
286 IfWinNotActive ahk_exe nightly.exe
287     MsgBox, 0, MuseScore HotKeys. Version 1.1.
288     , The MuseScore Window is not Active!
289     , 5 ; Five second timeout.
290 return
291
```