



Horizon supports a large number of UI macros to perform keyboard type functions. These commands are sent to the Horizon application using the syntax `HorizonUI(command, arg1, arg2, ...)`. For example, if you wanted to have a Function button on a wing panel or other external device run a certain cue, you would build a macro that looked like this:

```
HorizonUI(GotoCue, "main", 4);
```

Horizon UI Macro List:

GotoCue, cue list, cue number	both arguments optional
DisplayCueList, cuelist	
ChanView, chan	
WheelShiftOn	LSB movement on 16 bit channels
WheelShiftOff	MSB movement on 16 bit channels
ML-Intensity	Opens the attribute dialog box to the intensity tab
ML-Color	Opens the attribute dialog box to the Color tab
ML-Beam	Opens the attribute dialog box to the Beam tab
ML-Focus	Opens the attribute dialog box to the Focus tab
ML-Next	Selects the next moving light while attribute dialog box is open
ML-Prev	Selects the previous moving light while attribute dialog box is open
Show-Live	
Show-Blind	
Show-Sub	
Show-Group	
Show-PChan	
Show-PDim	
Show-Talkback	
Show-DMX	
Time-Single	
Time-Color	
Time-Beam	
Time-Focus	
Group	Displays the group selection combo box
Close-OK	Closes any open dialog box with an affirmative response
Close-Cancel	Closes any open dialog box with a null response
Record-Dialog	
Record-Append	records a cue with default times at the end of the selected cue list
ClearSelect	same function as BackSpace key
Go	Advances to the next cue in the currently displayed cue list
Halt	

Haltback	
step-forward	
step-back	
track	track a channel or all icbf attributes of a fixture
track, icbf	use any combination of icbf
gotocurrent , cue number	goto specified cue on current cue list
cueproperties	open the cue properties dialog box
Key, <i>string</i>	send keys

HorizonUI: “Key” Macros:

The Key macro activates Horizon and sends one or more keystrokes to the active window of the Horizon user interface as if typed at the keyboard.

Syntax

HorizonUI(“Key”, *string*)

Remarks

One or more characters in ***string*** represent each key that you want to send to Horizon. To specify a single keyboard character, use the character itself. For example, to represent the letter A, use "A" for ***string***. To represent more than one character, append them together.

To represent the letters A, B, and C, use "ABC" for ***string***.

To specify characters that aren't displayed when you press a key, such as ENTER or TAB, and keys that represent actions rather than characters, use the codes shown below:

Horizon UI Key Macro List:

Key	Code
BACKSPACE	{BACKSPACE}, {BS}, or {BKSP}
BREAK	{BREAK}
CAPS LOCK	{CAPSLOCK}
DEL or DELETE	{DELETE} or {DEL}
DOWN ARROW	{DOWN}
END	{END}
ENTER	{ENTER} or ~
ESC	{ESC}
HELP	{HELP}
HOME	{HOME}
INS or INSERT	{INSERT} or {INS}
LEFT ARROW	{LEFT}
NUM LOCK	{NUMLOCK}

PAGE DOWN	{PGDN}
PAGE UP	{PGUP}
PRINT SCREEN	{PRTSC}
RIGHT ARROW	{RIGHT}
SCROLL LOCK	{SCROLLLOCK}
TAB	{TAB}
UP ARROW	{UP}
F1	{F1}
F2	{F2}
F3	{F3}
F4	{F4}
F5	{F5}
F6	{F6}
F7	{F7}
F8	{F8}
F9	{F9}
F10	{F10}
F11	{F11}
F12	{F12}
F13	{F13}
F14	{F14}
F15	{F15}
F16	{F16}

To specify keys combined with any combination of the SHIFT, CTRL, and ALT keys, precede the key code with one or more of the following codes:

Key	Code
SHIFT	+
CTRL	^
ALT	%

To specify that any combination of SHIFT, CTRL, and ALT should be held down while several other keys are pressed, enclose the code for those keys in parentheses. For example, to specify to hold down SHIFT while E and C are pressed, use "+(EC)". To specify to hold down SHIFT while E is pressed, followed by C without SHIFT, use "+EC".

To specify repeating keys, use the form {key number}. You must put a space between key and number. For example, {LEFT 42} means press the LEFT ARROW key 42 times; {h 10} means press H 10 times. The plus sign (+), caret (^), percent sign (%), tilde (~), and parentheses () have special meanings in **string**. To specify one of these characters, enclose it within braces ({}). For example, to specify the plus sign, use {+}. Brackets ([]) have no special meaning in **string**, but you must enclose them in braces. To specify brace characters, use {{} and {}}.

Examples:

To send a tab key (useful for tabbing through dialog boxes): HorizonUI("Key","{TAB}")

To send a shift tab key (useful for tabbing backwards through dialog boxes): HorizonUI("Key","+{TAB}")

To send a control down arrow (useful for moving the highlighted cue in the current cue list):

HorizonUI("Key","^{DOWN}")

If the value of \$var is 1 then HorizonUI("Key",\$var); would be equivalent to pressing 1 on the keyboard.