

Short Reference for the Actilino

Version 1.6

Please also review the detailed User Manual, which you can find on the StartStick.

The first two keys on the front are the space keys. In the following description, the left space bar is called [SPCL] and the right space bar is called [SPCR]. If either the left or the right space bar can be used, they will be called [SPC].

Between the two space keys, you can find a control stick which greatly facilitates navigation within the internal mode, on mobile platforms such as Android or iOS, as well as on a connected PC or laptop. The control stick can be pushed into the four main directions, that is, up, down, left or right. In this way, it allows you to navigate through menus and content. In addition, you can depress the control stick in the direction of the device to perform an action on whatever is selected.

Behind the space keys are 16 ergonomic Braille display elements with integrated cursor routing keys. The cursor routing (CR) keys which are integrated as part of each Braille cell enable you to place the cursor directly at the text position of this Braille cell.

The Triple Action Keys are to the left and right of the Braille display and flush with the Braille cells. You can activate the Triple Action keys at the top, in the centre and at the bottom.

The Triple Action Key functions are:

The left or right Triple Action Key's (Up) position also serves as a reading key to move backward within the text and will be referred to as [TLU] or [TRU] in the list below. The left or right Triple Action Key's (Down) position also serves as a reading key to move forward through the text and are referred to as [TLD] or [TRD] in the list below. In the event of the right as well as the left Triple Action Key (Up) can be pressed, it is called [TU]. If alternatively, the Triple Action Key left or right (Down) can be used, this is called [TD].

The centre position of either the left or the right Triple Action Key [TLC] and [TRC] can be used for additional functions.

Located behind the Braille modules are eight ergonomically arranged function keys. These function keys are also used for Braille input. They correspond to the usual Braille keyboard layout and are, from the left to the right as follows:

7 3 2 1 4 5 6 8

The built-in microphone is located in between and above dot 1 and 4. It is recognizable by the four small holes in the housing. The microphone can be used to make and receive phone calls via a connected smartphone.

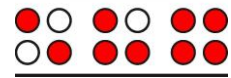
If you move along the right side of the housing towards the back, you will first feel the main power button. Located behind the power button is a USB A port for connecting a USB keyboard.

On the left side of the housing, you can find a round headphone plug (3.5 mm) to connect a headphone or an external loudspeaker. Behind this headphone plug there is oval and tactile magnetic USB port for PC connection or to connect a charger.

On the left and right front side of the device there are corrugated openings behind which the stereo speakers are located. Directly next to the left speaker you can find the slot for the micro SD card.

Please do not remove the micro SD card at any time from the device while it is on. Data on the card can be damaged. Please turn the Actilino off, before you insert or remove the micro SD card.

The Actilino is equipped with a lithium-ion battery. The battery compartment is located in the middle of the Actilino. It can be opened from the Actilino's bottom. To open the battery compartment, drag the locking latch which you can find on the right side of the unit in direction of the center. Then you can remove the lid of the battery compartment and remove



the battery. Please switch off the Actilino and disconnect all cables before you remove the battery.

We recommend not removing the battery at all, because after replacing the battery the capacity is not shown accurately. In order to show the right battery capacity, a complete and lengthy discharging and charging cycle for calibration is necessary.

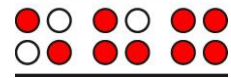
You find a list of important functions and their corresponding key combinations in the following tables:

Navigating the Menu System

Function	Keys
One menu item to the left	TU or SPC+7 or SPC+1
One menu item to the right	TD or SPC+8 or SPC+4
First menu item within one level	SPC+1 2 3
Last menu item within one level	SPC+4 5 6
Move up one menu level	TLC
Select or move down one menu level	TRC
Toggle check box	SPC or TRC or CR keys
Select menu item directly	Hotkeys
Return to suspended Editor	SPC+1 2 3 4 5 6

Editor Functions

Function	Keys
Abort operations, cancel markings	TLC
Read text	TU or TD
Start automatic reading	SPC+TD
Change automatic reading speed	TU or TD, if automatic reading is active
Manual scrolling	SPC
Halt automatic reading	CR keys
Automatic scrolling via ATC on/off	Chord A (SPC + 1 7)
Delete character at cursor position	SPC+4 5
Backspace	Chord b (SPC+1 2)
Cursor to top of file (Home)	SPC+1 2 3
Cursor to end of file (End)	SPC+4 5 6
Cursor to beginning of line	SPC+1 3
Cursor to end of line	SPC+4 6
Cursor to beginning of next sentence	SPC+5
Cursor to beginning of previous sentence	SPC+2
Cursor to next word	SPC+6
Cursor to previous word	SPC+3
Move cursor left	SPC+7
Move cursor right	SPC+8
Move cursor one line up	SPC+1
Move cursor one line down	SPC+4
Direct cursor placement	Cursor Routing Keys
Mark beginning of block	SPC+TRC or press CR key twice at beginning of block
Cut block	Chord x (SPC+1 3 4 6)
Copy block	Chord c (SPC+1 4)
Delete block (without copying)	Chord X (SPC+1 3 4 6 7), or SPC+1 2
Paste block	Chord v (SPC+1 2 3 6)



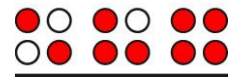
Function	Keys
Exchange mark and cursor	SPC+7 8
Toggle insert/overstrike mode	Chord i (SPC+2 4), insert mode is default
Set mark	TU+TD
Jump to mark	Chord m (SPC+1 3 4)
Incremental forward search	Chord f (SPC+1 2 4)
Incremental backward search	Chord F (SPC+1 2 4 7)
Forward search and replace	Chord r (SPC+1 2 3 5)
Display character in ASCII	Chord D (SPC+1 4 5 7)
Insert current date	Chord d (SPC+1 4 5)
Insert current time	Chord t (SPC+2 3 4 5)
Save file (without closing it)	Chord s (SPC+2 3 4)
Open file from Editor	Chord o (SPC+1 3 5)
Open file in read-only mode	Chord O (SPC+1 3 5 7)
Switch to next file	SPC+5 6 8
Switch to previous file	SPC+2 3 7
Save and close file	Chord e (SPC+1 5)
Suspend Editor	SPC+1 2 3 4 5 6
Editor's Setup menu	Chord u (SPC+1 3 6)
Status display	Chord S (SPC+2 3 4 7)
Switch to PC Mode	Chord p (SPC+1 2 3 4)
Help	Chord h (SPC+1 2 5)

Keys in PC Mode

Function	Keys
Return to menu	Hold down SPC+1 3 4 about half a second
Switch between Braille display and status module display	SPCL+SPCR

Fixed Key Functions on External Keyboard

Function	Key/Key Combinations
Switch external keyboard to PC	Chord : (SPC+2 5)
Entire Braille display line to left	Page up
Entire Braille display line to right	Page down
Cursor to top of file	Ctrl+Pos1
Cursor to end of file	Ctrl+End
Toggle between insert and overstrike	Insert
Delete current character	Delete
Delete character left of cursor	Backspace
Set beginning of block	Ctrl+Enter
Copy block	Ctrl+c
Cut block	Ctrl+x
Delete block (without copying)	Ctrl+X or backspace
Paste block	Ctrl+v
Exchange mark and cursor	Ctrl+Tab
Status display	Ctrl+S
Incremental forward search	Ctrl+f
Incremental backward search	Ctrl+F
Forward search and replace	Ctrl+r
ESC function	ESC
Navigation	Arrow keys

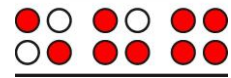


Function	Key/Key Combinations
Cursor to previous word	Ctrl+cursor left
Cursor to next word	Ctrl+cursor right
Cursor to previous sentence	Ctrl+cursor up
Cursor to next sentence	Ctrl+cursor down
Cursor to beginning of line	Pos1
Cursor to end of line	End
Set mark	Ctrl+M
Jump to mark	Ctrl+m
Switch to next file	ALT+Tab
Switch to previous file	ALT+Shift+Tab
Suspend Editor	Ctrl+Space
Save file (without closing it)	Ctrl+s
Save and close file	Ctrl+e
Help	Ctrl+h
Editor's Setup menu	Ctrl+u
Switch to PC Mode	Ctrl+p
Display character in ASCII	Ctrl+D
Open file from Editor	Ctrl+o
Open file in read-only mode	Ctrl+O
Insert current date	Ctrl+d
Insert current time	Ctrl+t

Screen Reader Functions

The key assignments for the different screen readers Window-Eyes, JAWS and Hal/SuperNova on the Actilino are as similar as possible. In the following table, you find the assignments for JAWS. You can find the tables for Window-Eyes and Hal/SuperNova as well as the complete table for JAWS in the user manual.

Control Key/Braille Dot	Function
[7]	Activate PC cursor tracking.
[3]	Display the first line in the window (title).
[2]	Move the Braille display to the left.
[1]	Move the Braille display section one line up without changing the horizontal position.
[SPCL]	If there is any text to the left of the Braille display section, it moves to the left, if not, it moves one line up and moves the cursor.
[SPCR]	If there is any text to the right of the Braille display section, it moves to the right, if not, it moves one line down and moves the cursor.
[4]	Move the Braille display section one line down without changing the horizontal position.
[5]	Move the Braille display to the right.
[6]	Display the last line in the window.
[8]	Drag the JAWS cursor to the PC cursor and activate the JAWS cursor.
[TU]	If there is any text to the left of the Braille display section, it moves to the left, if not, it moves one line up.
[TD]	If there is any text to the right of the Braille display section, it moves to the right, if not, it moves one line down.
[SPCL + SPCR]	Toggle status modules on and off.



Control Key/Braille Dot	Function
[7 8]	Switch between structured mode, section output and speech output.
[3 8]	Change cursor representation (dots 7 and 8, all 8 dots, blinking and non-blinking).
[2 8]	Toggle between 6/8 dot Braille.
[1 8]	Handy Tech configuration dialog (starting from Handy Tech JAWS Driver version 3.x)
[4 8]	Toggle between focused text on Braille display/same text as on screen.
[5 8]	Activate the JAWS cursor.
[2 3]	Beginning of line
[5 6]	End of line
[1 2 3]	Top of file
[4 5 6]	End of file
[3 6 7]	Speech interruption on/off
[3 6 7 8]	Output task bar
[TLC]	Tab
[TRC]	Shift + Tab
[TLC + TRC]	Enter
[SPC + 1 2 7]	Toggle Braille input on/off
[SPC + 1 7]	Toggle ATC on/off
[SPC + 1 2 3]	Toggle ATC reading protocol on/off
[SPCL + 1 2 3 7]	If there is any text to the left of the Braille display section, it moves to the left, if not, it moves one line up.
[SPCR + 4 5 6 8]	If there is any text to the right of the Braille display section, it moves to the right, if not, it moves one line down.
[SPCL + SPCR + 1 2 3 7]	Move the Braille display section one line up.
[SPCL + SPCR + 4 5 6 8]	Move the Braille display section one line down.