

Short Reference for the Actilino

Version 3.1

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.

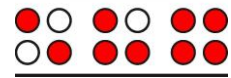
If you move along the right side of the housing towards the back, you will first feel the main power button. Located behind the power button is a USB A port for connecting a USB keyboard.

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 USB-C 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.

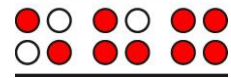
You find a list of important functions and their corresponding key combinations in the following tables:

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) |



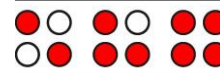
| Function | Keys |
|--------------------------------|---|
| Exchange mark and cursor | SPC+7 8 |
| Toggle insert/overstrike mode | Chord i (SPC+2 4), insert mode is default |
| Set mark | TU+TD |
| Jump to mark | Chord m (SPC+1 3 4) |
| Incremental forward search | Chord f (SPC+1 2 4) |
| Incremental 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 |

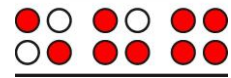


| Function | Key/Key Combinations |
|--------------------------------|-----------------------------|
| Cursor to previous word | Ctrl+cursor left |
| Cursor to next word | Ctrl+cursor right |
| Cursor to previous sentence | Ctrl+cursor up |
| Cursor to next sentence | Ctrl+cursor down |
| Cursor to beginning 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 (JAWS and 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 SuperNova and VoiceOver 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. |