

# Braille Display Input Commands

JAWS supports a series of keystrokes that allow you to input braille commands and also control your computer. Use these keystrokes with Freedom Scientific's Focus braille displays. For other braille displays, contact the manufacturer for a list of keystrokes.

Many commands listed here include the word "CHORD." To perform a chorded command, you always include the **SPACEBAR** as part of the command. For example, to perform an **L CHORD**, press **DOTS 1-2-3** with the **SPACEBAR** at the same time.

## Modifier Keys

Use the modifier keys to simulate key combinations (keystrokes) that include **CTRL**, **ALT**, **WINDOWS Key**, **SHIFT**, or the JAWS Key (**INSERT**). To use these modifiers when typing a keystroke, do the following:

1. Hold down **DOT 8 CHORD** and then press the corresponding modifier keys in the keystroke. Modifier keystrokes are listed in the following table.
2. After you create the modifier portion of the keystroke, release the keys and press the remaining part of the keystroke. For example, to perform the keystroke **CTRL+SHIFT+V**, you press **DOTS 3-7-8 CHORD**, release the keys, and then press **V (DOTS 1-2-3-6)**.

Modifier Keys	
Key Name	Keystroke
<b>Function Keys</b> (F1 through F12) For more information, see the <a href="#">Function Keys</a> description.	<b>DOT 1</b>
<b>INSERT</b>	<b>DOT 2</b>
<b>CTRL</b>	<b>DOT 3</b>
<b>WINDOWS Key</b>	<b>DOT 4</b>
<b>JAWS Key</b>	<b>DOT 5</b>
<b>ALT</b>	<b>DOT 6</b>
<b>SHIFT</b>	<b>DOT 7</b>

Instead of memorizing these keys by their dot position, it may be easier to learn the finger with which each key would be associated. When all of your fingers are on the braille keyboard, the layout would be:

Modifier Keys	
Key Name	Finger position
Function Keys (F1 through F12)	Left index finger
WINDOWS Key	Right index finger
INSERT	Left middle finger
JAWS Key	Right middle finger
CTRL	Left ring finger
ALT	Right ring finger
SHIFT	Left little finger

Notice that you can create a rather loose correlation between pairs of fingers in this description. For example, the left index finger is **Function Keys** while the right index finger is the **WINDOWS** key. A stronger correlation can be made with the left and right middle fingers. The left is the **INSERT** Key and the right is the **JAWS** key, both often serving the same purpose in JAWS usage. Finally, the left and right ring fingers are the **CTRL** and **ALT** keys respectively, which make these two positions easier to remember.

Once this layout is understood, it is easy to grasp that Any time a modifier key, or combination of modifier keys is used as part of a command, **DOT 8 CHORD** will always be included.

Finally, pressing any of these modifier keys with **DOT 8 CHORD** is the same as pressing and holding any of the equivalent keys on the QWERTY keyboard. The computer is waiting for the key or keys which the modifier keys will modify. So, pressing **DOTS 3-8 CHORD** is the same as pressing the **CTRL** key. Windows then waits for the key which will complete the CTRL combination, such as the letter **A** to make **CTRL+A** to select all, or the letter **C** to make **CTRL+C** to copy the selected text to the clipboard. Repetition of frequently used keystrokes such as the **CTRL** key combinations already mentioned, Windows commands such as **WINDOWS Key+M**, and JAWS commands such as **INSERT+T** should imprint these key associations firmly in your memory.

## Function Keys

To simulate the function keys (**F1** through **F12**), press **DOTS 1-8 CHORD** followed by **A** through **L** (which correspond to 1 through 12). For example, to simulate the **F6** key, press **DOTS 1-8 CHORD**, then **F** (**DOTS 1-2-4**). If the function key is part of a key combination, add the appropriate modifiers while holding down **DOTS 1-8 CHORD**. For example, to simulate the keystroke **INSERT+F2**, press **DOTS 1-2-8 CHORD**, then **B** (**DOTS 1-2**).

## Special Keys

Use these keystrokes to simulate certain keys that are not available on the Focus braille keyboard. These keys can be combined with the modifier keys described previously. Punctuation and other symbols will be entered using their contracted braille equivalents if Contracted Braille Translation is set to Input and Output. For your convenience, both keystrokes and braille dot patterns are provided. If no dot pattern equivalent is available, a dash appears in the table cell.

Special Keys		
Key Name	Keystroke	DOTS Pattern
<b>ESC</b>	<b>RIGHT SHIFT+DOT 1 or Z CHORD</b>	<b>RIGHT SHIFT+DOT 1 or DOTS 1-3-5-6 CHORD</b>
<b>ALT</b>	<b>RIGHT SHIFT+DOT 2</b>	-
<b>APPLICATION Key</b>	<b>RIGHT SHIFT+DOT 2 CHORD</b>	-
<b>NUM PAD ASTERISK</b>	<b>RIGHT SHIFT+DOT 3</b>	-
<b>WINDOWS Key</b>	<b>RIGHT SHIFT+DOT 4</b>	-
<b>NUM PAD SLASH</b>	<b>RIGHT SHIFT+DOT 7</b>	<b>RIGHT SHIFT+DOT 7</b>
<b>CAPS LOCK</b>	<b>RIGHT SHIFT+DOT 7 CHORD</b>	<b>RIGHT SHIFT+DOT 7 CHORD</b>

<b>NUM PAD PLUS</b>	<b>RIGHT SHIFT+DOT 8</b>	-
<b>BACKSPACE</b>	<b>DOT 7</b>	-
<b>ENTER</b>	<b>DOT 8</b>	-
<b>CTRL+BACKSPACE</b>	<b>DOTS 1-2-3-4-5-6- 7 CHORD</b>	-
<b>TAB</b>	<b>DOTS 4-5 CHORD</b>	-
<b>SHIFT+TAB</b>	<b>B CHORD</b>	<b>DOTS 1-2 CHORD</b>
<b>HOME</b>	<b>K CHORD</b>	<b>DOTS 1-3 CHORD</b>
<b>END</b>	<b>DOTS 4-6 CHORD</b>	-
<b>PAGE UP</b>	<b>LEFT SELECT+ROCKER BAR UP or RIGHT SELECT+ROCKER BAR UP or DOTS 2-3-7 CHORD</b>	-
<b>PAGE DOWN</b>	<b>LEFT SELECT+ROCKER BAR DOWN or RIGHT SELECT+ROCKER BAR DOWN or DOTS 5-6-7 CHORD</b>	-
<b>DELETE</b>	<b>FOR CHORD</b>	<b>DOTS 1-2-3-4-5- 6 CHORD</b>
<b>EQUALS</b>	<b>DOTS 1-2-3-4-5-6</b>	-
<b>RIGHT BRACKET</b>	<b>DOTS 1-2-4-5-6-7</b>	-
<b>LEFT BRACKET</b>	<b>DOTS 2-4-6-7</b>	-
<b>BACKSLASH</b>	<b>DOTS 1-2-5-6-7</b>	-

<b>SLASH</b>	<b>DOTS 3-4</b>	-
<b>LEFT PARENTHESIS</b>	<b>DOTS 1-2-3-5-6</b>	-
<b>RIGHT PARENTHESIS</b>	<b>DOTS 2-3-4-5-6</b>	-
<b>APOSTROPHE</b>	<b>DOT 3</b>	-
<b>DASH</b>	<b>DOTS 3-6</b>	-
<b>GRÀVE</b>	<b>DOT 4</b>	-
<b>PERIOD</b>	<b>DOTS 4-6</b>	-
<b>QUESTION MARK</b>	<b>DOTS 1-4-5-6</b>	-
<b>EXCLAMATION MARK</b>	<b>DOTS 2-3-4-6</b>	-
<b>SEMICOLON</b>	<b>DOTS 5-6</b>	-
<b>COMMA</b>	<b>DOT 6</b>	-

## Navigation Commands

Use these keystrokes to perform various JAWS navigation commands. Both keystrokes and braille dot patterns are provided in the table. If no dot pattern equivalent is available, a dash appears in the table cell.

<b>Navigation Commands</b>		
<b>Description</b>	<b>Keystroke</b>	<b>DOTS Pattern</b>
Say Prior Character	<b>DOT 3 CHORD</b>	-
Say Next Character	<b>DOT 6 CHORD</b>	-
Say Character	<b>DOTS 3-6 CHORD</b>	-
Say Prior Word	<b>DOT 2 CHORD</b>	-
Say Next Word	<b>DOT 5 CHORD</b>	-

Say Word	<b>DOTS 2-5 CHORD</b>	-
Say Prior Line	<b>DOT 1 CHORD or LEFT ROCKER BAR UP</b>	-
Say Next Line	<b>DOT 4 CHORD or LEFT ROCKER BAR DOWN</b>	-
Say Line	<b>C CHORD</b>	<b>DOTS 1-4 CHORD</b>
Say Prior Sentence	<b>LEFT SHIFT+RIGHT ROCKER BAR UP</b>	-
Say Next Sentence	<b>LEFT SHIFT+RIGHT ROCKER BAR DOWN</b>	-
Say Sentence	<b>LEFT SHIFT+RIGHT SHIFT+C</b>	<b>LEFT SHIFT+RIGHT SHIFT+DOTS 1-4</b>
Say Prior Paragraph	<b>RIGHT SHIFT+LEFT ROCKER BAR UP</b>	-
Say Next Paragraph	<b>RIGHT SHIFT+LEFT ROCKER BAR DOWN</b>	-
Say Paragraph	<b>LEFT SHIFT+RIGHT SHIFT+DOTS 2-3-5- 6-7-8</b>	-
Move to Top of File	<b>L CHORD</b>	<b>DOTS 1-2-3 CHORD</b>
Move to Bottom of File	<b>DOTS 4-5-6 CHORD</b>	-
Say to Cursor	<b>RIGHT SHIFT+DOTS 3-7</b>	-

Say from Cursor	<b>RIGHT SHIFT+DOTS 6-8</b>	-
Say All	<b>DOTS 1-2-4-5-6 CHORD</b>	-
Say Top Line of Active Window	<b>LEFT ROCKER BAR UP+RIGHT ROCKER BAR UP</b>	-
Say Bottom Line of Active Window	<b>LEFT ROCKER BAR DOWN+RIGHT ROCKER BAR DOWN</b>	-
Previous Document Window	<b>DOTS 2-3 CHORD</b>	-
Next Document Window	<b>DOTS 5-6 CHORD</b>	-
Open List Box	<b>LEFT SHIFT+RIGHT ROCKER BAR DOWN</b>	-
Close List Box	<b>LEFT SHIFT+RIGHT ROCKER BAR UP</b>	-
Exit Forms Mode	<b>X CHORD</b>	<b>DOTS 1-3-4-6 CHORD</b>
Say Window Prompt and Text	<b>G CHORD</b>	<b>DOTS 1-2-4-5 CHORD</b>

## Microsoft Word Navigation Quick Keys

Use these keystrokes to navigate Microsoft Word documents. Navigation Quick Keys must be enabled in order for these commands to function (**DOTS 2-8 CHORD** followed by **DOTS 1-3-5-6**). Note that you can add **DOT 7** to most of the keystrokes in the table below to move to the previous element of that type in the document. Both keystrokes and braille dot patterns are provided in the table. If no dot pattern equivalent is available, a dash appears in the table cell.

<b>Microsoft Word Navigation Quick Keys</b>		
<b>Description</b>	<b>Keystroke</b>	<b>DOTS Pattern</b>
Next Grammatical Error	<b>A</b>	<b>DOT 1</b>
Next Bookmark	<b>B</b>	<b>DOTS 1-2</b>
Next Combo Form Field	<b>C</b>	<b>DOTS 1-4</b>
Next Endnote	<b>D</b>	<b>DOTS 1-4-5</b>
Next Edit Form Field	<b>E</b>	<b>DOTS 1-5</b>
Next Form Field	<b>F</b>	<b>DOTS 1-2-4</b>
Next Graphic	<b>G</b>	<b>DOTS 1-2-4-5</b>
Next Heading	<b>H</b>	<b>DOTS 1-2-5</b>
Next List	<b>L</b>	<b>DOTS 1-2-3</b>
Next Spelling Error	<b>M</b>	<b>DOTS 1-3-4</b>
Next Comment	<b>N</b>	<b>DOTS 1-3-4-5</b>
Next Footnote	<b>O</b>	<b>DOTS 1-3-5</b>
Next Paragraph	<b>P</b>	<b>DOTS 1-2-3-4</b>
Next Revision	<b>R</b>	<b>DOTS 1-2-3-5</b>
Next Section	<b>S</b>	<b>DOTS 2-3-4</b>
Next Table	<b>T</b>	<b>DOTS 2-3-4-5</b>
Next Check Box Form Field	<b>X</b>	<b>DOTS 1-3-4-6</b>
Next Page	<b>SPACEBAR</b>	<b>-</b>
Previous Page	<b>BACKSPACE</b>	<b>DOT 7</b>

## **Selection Commands**

Use these keystrokes to select characters, lines, and other page elements. Both keystrokes and braille dot patterns are provided in the table. If no dot pattern equivalent is available, a dash appears in the table cell.

<b>Text Selection Commands</b>		
<b>Description</b>	<b>Keystroke</b>	<b>DOTS Pattern</b>
Select Prior Character	<b>LEFT SHIFT+DOT 3 or DOTS 3-7 CHORD</b>	-
Select Next Character	<b>LEFT SHIFT+DOT 6 or DOTS 6-7 CHORD</b>	-
Select Prior Word	<b>DOTS 2-7 CHORD</b>	-
Select Next Word	<b>DOTS 5-7 CHORD</b>	-
Select Prior Line	<b>LEFT SHIFT+DOT 1 or DOTS 1-7 CHORD</b>	-
Select Next Line	<b>LEFT SHIFT+DOT 4 or DOTS 4-7 CHORD</b>	-
Select Prior Screen	<b>LEFT SHIFT+K</b>	<b>LEFT SHIFT+DOTS 1-3</b>
Select Next Screen	<b>LEFT SHIFT+DOTS 4-6</b>	-
Select from Start of Line	<b>LEFT SHIFT+DOT 2 or DOTS 1-3-7 CHORD</b>	-
Select to End of Line	<b>LEFT SHIFT+DOT 5 or DOTS 4-6-7 CHORD</b>	--
Select from Top	<b>LEFT SHIFT+L or L+DOT 7 CHORD</b>	<b>LEFT SHIFT+DOTS 1-2-3</b>

		or DOTS 1-2-3-7 CHORD
Select to Bottom	LEFT SHIFT+DOTS 4-5- 6 or DOTS 4-5-6-7 CHORD	-
Select All	LEFT SHIFT+FOR Sign	LEFT SHIFT+DOTS 1-2- 3-4-5-6
Move To Beginning Of Line	ROCKER BAR UP+PANNING BUTTON	-
Move To End Of Line	ROCKER BAR DOWN+PANNING BUTTON	-

## Braille Commands

Use these keystrokes to configure various braille functions. Both keystrokes and braille dot patterns are provided in the table.

Braille Commands		
Description	Keystroke	DOTS Pattern
Grade 2 Expand Current Word	T CHORD	DOTS 2-3-4-5 CHORD
Grade 2 Translation	DOTS 1-2-4-5-7 CHORD	DOTS 1-2-4-5-7 CHORD
Toggle Characters and Attributes	CH Sign CHORD	DOTS 1-6 CHORD
Cycle Among Braille Display Modes	M CHORD	DOTS 1-3-4 CHORD

Toggle 8/6 DOTS Braille	<b>8 CHORD</b>	<b>DOTS 2-3-6 CHORD</b>
Change Cursor Shape	<b>SH Sign CHORD</b>	<b>DOTS 1-4-6 CHORD</b>
Restrict Braille Cursor	<b>R CHORD</b>	<b>DOTS 1-2-3-5 CHORD</b>
Switch Braille Translation Table	<b>DOTS 2-3-4-5-7 CHORD</b>	<b>DOTS 2-3-4-5-7 CHORD</b>

## Windows Commands

Use these keystrokes for basic editing functions in Windows.

<b>Windows Commands</b>		
<b>Description</b>	<b>Braille Sign</b>	<b>DOTS Pattern</b>
ALT+TAB	<b>LEFT SHIFT+DOTS 4-5</b>	<b>LEFT SHIFT+DOTS 4-5</b>
Paste from Clipboard	<b>LEFT SHIFT+V</b>	<b>LEFT SHIFT+DOTS 1-2-3-6</b>
Copy to Clipboard	<b>LEFT SHIFT+C</b>	<b>LEFT SHIFT+DOTS 1-4</b>
Cut to Clipboard	<b>LEFT SHIFT+X</b>	<b>LEFT SHIFT+DOTS 1-3-4-6</b>
Undo	<b>LEFT SHIFT+Z</b>	<b>LEFT SHIFT+DOTS 1-3-5-6</b>
Delete	<b>LEFT SHIFT+D</b>	<b>LEFT SHIFT+DOTS 1-4-5</b>

# JAWS Commands

Use these keystrokes to perform some of the more common JAWS functions.

<b>JAWS Commands</b>		
<b>Description</b>	<b>Braille Sign</b>	<b>DOTS Pattern</b>
JAWS Window	<b>RIGHT SHIFT+J</b>	<b>RIGHT SHIFT+DOTS 2-4-5</b>
Quick Settings	<b>RIGHT SHIFT+V</b>	<b>RIGHT SHIFT+DOTS 1-2-3-6</b>
List Frames	<b>RIGHT SHIFT+9</b>	<b>RIGHT SHIFT+DOTS 3-5</b>
List Headings	<b>RIGHT SHIFT+6</b>	<b>RIGHT SHIFT+DOTS 2-3-5</b>
List Links	<b>RIGHT SHIFT+7</b>	<b>RIGHT SHIFT+DOTS 2-3-5-6</b>
Open Task List	<b>RIGHT SHIFT+DOTS 3-5-6</b>	<b>RIGHT SHIFT+DOTS 3-5-6</b>
List System Tray Icons	<b>RIGHT SHIFT+K</b>	<b>RIGHT SHIFT+DOTS 1-3</b>
Say System Time	<b>RIGHT SHIFT DOTS 1-2-3</b>	<b>RIGHT SHIFT DOTS 1-2-3</b>
Drag and Drop	<b>RIGHT SHIFT+DOTS 3-7 CHORD</b>	-

Refresh Screen	<b>RIGHT SHIFT+Z</b>	<b>RIGHT SHIFT+DOTS 1-3-5-6</b>
Say Font	<b>RIGHT SHIFT+F</b>	<b>RIGHT SHIFT+DOTS 1-2-4</b>
Toggle Keyboard Help	<b>QUESTION MARK CHORD</b>	<b>DOTS 1-4-5- 6 CHORD</b>
Windows Keys Help	<b>RIGHT SHIFT+W</b>	<b>RIGHT SHIFT+DOTS 2-4-5-6</b>
Read Current Window	<b>RIGHT SHIFT+B</b>	<b>RIGHT SHIFT+DOTS 1-2</b>
Default Button in Dialog	<b>RIGHT SHIFT+E</b>	<b>RIGHT SHIFT+DOTS 1-5</b>
Shut DOWN JAWS	<b>RIGHT SHIFT+4</b>	<b>RIGHT SHIFT+DOTS 2-5-6</b>
Select a Voice Profile	<b>RIGHT SHIFT+S</b>	<b>RIGHT SHIFT+DOTS 2-3-4</b>
Silence Speech	<b>LEFT or RIGHT SHIFT</b>	-
Temporarily Increase Speech Rate	<b>LEFT or RIGHT SHIFT+RIGHT SELECT CHORD</b>	-
Temporarily Decrease Speech Rate	<b>LEFT or RIGHT SHIFT+LEFT SELECT CHORD</b>	-
Permanently Increase Speech Rate	<b>RIGHT SELECT CHORD</b>	-

Permanently Decrease Speech Rate	<b>LEFT SELECT CHORD</b>	-
Toggle Speech On Demand	<b>RIGHT SHIFT+M</b>	<b>RIGHT SHIFT+DOTS 1-3-4</b>
Repeat Last Notification	<b>RIGHT SHIFT+N</b>	<b>RIGHT SHIFT+DOTS 1-3-4-5</b>
Launch the Braille Math Editor	<b>DOTS 3-4-6-7 CHORD</b>	-

## Cursor Functions

Use these keystrokes to select a cursor for navigating JAWS.

<b>Cursor Functions</b>		
<b>Description</b>	<b>Braille Sign</b>	<b>DOTS Pattern</b>
JAWS Cursor	<b>J CHORD</b>	<b>DOTS 2-4-5 CHORD</b>
PC Cursor	<b>P CHORD</b>	<b>DOTS 1-2-3-4 CHORD</b>
Touch Cursor	<b>DOTS 1-2-5-6 CHORD</b>	<b>DOTS 1-2-5-6 CHORD</b>
Route JAWS to PC	<b>RIGHT SHIFT+DOTS 3-6 (MINUS Sign)</b>	<b>RIGHT SHIFT+DOTS 3-6</b>
Route PC to JAWS	<b>RIGHT SHIFT+ING Sign (PLUS Sign)</b>	<b>RIGHT SHIFT+DOTS 3-4-6</b>
Braille Follows Active	<b>DOTS 1-2-6 CHORD</b>	<b>DOTS 1-2-6 CHORD</b>

Active Follows Braille	<b>DOTS 1-2-7 CHORD</b>	<b>DOTS 1-2-7 CHORD</b>
Route Braille Cursor to PC Cursor	<b>LEFT SHIFT+DOTS 3-4-6</b>	<b>LEFT SHIFT+DOTS 3-4-6</b>
Route Braille Cursor to Active Cursor	<b>LEFT SHIFT+DOTS 3-6</b>	<b>LEFT SHIFT+DOTS 3-6</b>

## Touch Cursor Functions

Use these keystrokes to navigate using the Touch Cursor.

<b>Cursor Functions</b>		
<b>Description</b>	<b>Braille Sign</b>	<b>DOTS Pattern</b>
Touch Cursor	<b>DOTS 1-2-5-6 CHORD</b>	<b>DOTS 1-2-5-6 CHORD</b>
Prior element	<b>DOTS 1-2 CHORD</b>	<b>DOTS 1-2 CHORD</b>
Next element	<b>DOTS 4-5 CHORD</b>	<b>DOTS 4-5 CHORD</b>
Say Current element	<b>C CHORD</b>	<b>DOTS 1-4 CHORD</b>
Next element by Type (specified in the navigation rotor)	<b>LEFT or RIGHT ROCKER DOWN</b>	<b>LEFT or RIGHT ROCKER DOWN</b>
Prior element by Type (specified in the navigation rotor)	<b>LEFT or RIGHT ROCKER UP</b>	<b>LEFT or RIGHT ROCKER UP</b>
Move Forward Through Navigation Types	<b>LEFT SELECT+LEFT ROCKER DOWN,</b>	<b>LEFT SELECT+LEFT ROCKER DOWN,</b>

	<b>RIGHT  SELECT+LEFT  ROCKER DOWN,  LEFT  SELECT+RIGHT  ROCKER DOWN,  or RIGHT  SELECT+RIGHT  ROCKER DOWN</b>	<b>RIGHT  SELECT+LEFT  ROCKER DOWN,  LEFT  SELECT+RIGHT  ROCKER DOWN,  or RIGHT  SELECT+RIGHT  ROCKER DOWN</b>
Move Backward Through Navigation Types	<b>LEFT  SELECT+LEFT  ROCKER UP,  RIGHT  SELECT+LEFT  ROCKER UP,  LEFT  SELECT+RIGHT  ROCKER UP, or  RIGHT  SELECT+RIGHT  ROCKER UP</b>	<b>LEFT  SELECT+LEFT  ROCKER UP,  RIGHT  SELECT+LEFT  ROCKER UP,  LEFT  SELECT+RIGHT  ROCKER UP, or  RIGHT  SELECT+RIGHT  ROCKER UP</b>
Move to First element	<b>LEFT  PANNING+LEFT  or RIGHT SELECT  or L CHORD</b>	<b>LEFT  PANNING+LEFT  or RIGHT SELECT  or DOTS 1-2-3  CHORD</b>
Move to Last element	<b>RIGHT  PANNING+LEFT  or RIGHT SELECT  or DOTS 4-5-6  CHORD</b>	<b>LEFT  PANNING+LEFT  or RIGHT SELECT  or DOTS 4-5-6  CHORD</b>
Activate Current element	<b>CURSOR  ROUTING  BUTTON</b>	<b>CURSOR  ROUTING  BUTTON</b>
Activate Text Review Mode	<b>RIGHT  SHIFT+DOT 7</b>	<b>RIGHT  SHIFT+DOT 7</b>

Turn Off Text Review Mode	<b>RIGHT SHIFT+DOT 1 or X CHORD</b>	<b>RIGHT SHIFT+DOT 1 or DOTS 1-3-4-6 CHORD</b>
Toggle Advanced Navigation	<b>RIGHT SHIFT+DOT 3</b> or press and hold a cursor routing button	<b>RIGHT SHIFT+DOT 3</b> or press and hold a cursor routing button

## Utility Functions

Use these keystrokes for general utility functions.

Utility Functions		
Description	Braille Sign	DOTS Pattern
Run JAWS Manager	<b>RIGHT SHIFT+2</b>	<b>RIGHT SHIFT+DOTS 2-3</b>
Set Frame Top LEFT	<b>RIGHT SHIFT+OW Sign</b>	<b>RIGHT SHIFT+DOTS 2-4-6</b>
Set Frame Bottom RIGHT	<b>RIGHT SHIFT+ER Sign</b>	<b>RIGHT SHIFT+DOTS 1-2-4-5-6</b>
Graphics Labeler	<b>RIGHT SHIFT+G</b>	<b>RIGHT SHIFT+DOTS 1-2-4-5</b>
JAWS Find	<b>RIGHT SHIFT+F CHORD</b>	<b>RIGHT SHIFT+DOTS 1-2-4 CHORD</b>
JAWS Find Next	<b>RIGHT SHIFT+DOTS 2-5</b>	<b>RIGHT SHIFT+DOTS 2-5</b>

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