

# **Appendix B**:

# Narrator Keyboard Commands & Touch Gestures

#### Windows 11 Windows 10

This appendix lists the keyboard commands and touch gestures available in the latest version of Windows.

To view a list of all other keyboard shortcuts in Windows, see Keyboard shortcuts in Windows. To view a list of keyboard shortcuts in Windows apps, see Keyboard shortcuts in apps.

# Narrator key

You can choose what modifier key you want to use in Narrator commands. Both the Caps lock and Insert keys serve as your Narrator key by default. You can use either of these keys in any command that uses the Narrator key. The Narrator key is referred to as simply "Narrator" in commands. You can change your Narrator key in Narrator settings.

**Note**: If you're using a Japanese 106 keyboard, Insert and NonConvert are your default Narrator keys.

# Narrator keyboard commands

Narrator has two possible keyboard layouts: Standard and Legacy. Commands for each are listed below. For the scan mode commands, go to Chapter 3: Using scan mode.

**Note:** The commands that include plus (+) and minus (-) refer to the physical key and don't require Shift as a modifier. Unless explicitly called out, it isn't necessary to include Shift before the equal key to make it the plus sign as you would when typing the plus sign. Using the Narrator volume command above as an example, Narrator + Ctrl + equal (=) is the literal command, not Narrator + Ctrl + Shift + equal (=).

### Standard keyboard layout

#### **General commands**

Press these keys	To do this
Windows logo key <b>■</b> + Ctrl + Enter	Start or stop Narrator
Narrator + Esc	Exit Narrator
Narrator + 1	Toggle input learning
Narrator + Right arrow	Move to next item
Narrator + Left arrow	Move to previous item
Narrator + Page up Ctrl + Narrator + Up arrow Narrator + Page down Ctrl + Narrator + Down arrow	Change view
Narrator + F1	Show commands list
Narrator + F2	Show commands for current item

Press these keys	To do this
Narrator + Enter	Do primary action
Narrator + Ctrl + Enter	Toggle search mode
Narrator + F12	Read current time and date
Narrator + Ctrl + D	Describe image using an online service or get the webpage source of a link
Narrator + S	Get a webpage summary
Narrator + S twice quickly	Get webpage summary and popular links dialog box
Narrator + Alt + F	Provide Narrator feedback
Narrator + Z	Lock Narrator key
Narrator + Ctrl + F12	Toggle developer mode
Narrator + 3	Pass keys to application
Narrator + Alt + M	Toggle mouse mode
Narrator + H	Turn on or off Outlook column header reading

#### Adjust speech

Press these keys	To do this
Ctrl + Narrator + Plus sign (+) Ctrl + Narrator + Add (numeric keypad)	Increase voice volume
Ctrl + Narrator + Minus sign (-) Ctrl + Narrator + Subtract (numeric keypad)	Decrease voice volume
Narrator + Plus sign (+)	Increase voice speed
Narrator + Minus sign (-)	Decrease voice speed
Alt + Narrator + Subtract (numeric keypad) Alt + Narrator + Minus sign (-) Alt + Narrator + Add (numeric keypad) Alt + Narrator + Plus sign (+)	Change punctuation reading mode
Narrator + V	Increase verbosity mode
Shift + Narrator + V	Decrease verbosity mode
Narrator + 2	Toggle character reading
Narrator + Forward slash (/)	Read context
Alt + Narrator + Forward slash (/)	Set read context verbosity
Ctrl + Narrator + Forward slash (/)	Change read context order

#### Read and work with text

Press these keys	To do this
Ctrl	Stop reading
Narrator + Tab Narrator + 5 (numeric keypad)	Read item
Narrator + Tab twice quickly Narrator + 5 twice quickly (numeric keypad) Narrator + K twice quickly Narrator + Ctrl + 5 twice quickly (numeric keypad)	Read item spelled out
Narrator + 0	Read item advanced
Narrator + T	Read window title
Narrator + W	Read window
Narrator + X	Repeat phrase
Narrator + R	Read from cursor
Ctrl + Narrator + R Narrator + Down arrow	Start reading document
Narrator + C	Read document
Shift + Narrator + J Narrator + Alt + Home	Read text from start to cursor

Press these keys	To do this
Ctrl + Narrator + U	Read previous page
Ctrl + Narrator + I	Read current page
Ctrl + Narrator + O	Read next page
Ctrl + Narrator + J	Read previous paragraph
Ctrl + Narrator + K	Read current paragraph
Ctrl + Narrator + L	Read next paragraph
Narrator + Ctrl + M	Read previous sentence
Narrator + Ctrl + comma (,)	Read current sentence
Narrator + Ctrl + period (.)	Read next sentence
Narrator + U	Read previous line
Narrator + I Narrator + Up arrow	Read current line
Narrator + O	Read next line
Narrator + J Ctrl + Narrator + Left arrow	Read previous word

Press these keys	To do this
Narrator + K Ctrl + Narrator + 5 (numeric keypad)	Read current word
Narrator + L Ctrl + Narrator + Right arrow	Read next word
Narrator + M	Read previous character
Narrator + Comma (,) 5 (numeric keypad)	Read current character
Narrator + Period (.)	Read next character
Narrator + F	Read next group of formatting information
Shift + Narrator + F	Read previous group of formatting information
Narrator + B Ctrl + Narrator + Home	Move to beginning of text
Narrator + E Ctrl + Narrator + End	Move to end of text
Narrator + Shift + Down arrow	Read selection
Narrator + Shift + Down arrow twice quickly	Spell selection

#### **Navigate tables**

Press these keys	To do this
Ctrl + Alt + Home	Jump to first cell in table
Ctrl + Alt + End	Jump to last cell in table
Ctrl + Alt + Right arrow	Jump to next cell in row
Ctrl + Alt + Left arrow	Jump to previous cell in row
Ctrl + Alt + Down arrow	Jump to next cell in column
Ctrl + Alt + Up arrow	Jump to previous cell in column
Ctrl + Shift + Alt + Left arrow	Read current row header
Ctrl + Shift + Alt + Up arrow	Read current column header
Ctrl + Shift + Alt + Right arrow	Read current row
Ctrl + Shift + Alt + Down arrow	Read current column
Ctrl + Shift + Alt + Forward slash (/) Ctrl + Shift + Alt + 5 (numeric keypad)	Read which row and column Narrator is in
Ctrl + Alt + Page up	Jump to table cell
Ctrl + Alt + Page down	Jump to cell contents

#### **Narrator focus commands**

Press these keys	To do this
Narrator + Home	Move to first item in window
Narrator + End	Move to last item in window
Narrator + Backspace	Go back one item
Narrator + N	Move to main landmark
Narrator + Open square bracket ([) Narrator + Subtract (numeric keypad)	Move Narrator cursor to system cursor
Narrator + Single quote (') Narrator + Add (numeric keypad)	Set focus to item
Narrator + A	Jump to linked item
Shift + Narrator + A	Jump to annotated content
Alt + Narrator + Up arrow	Navigate to parent (when structural navigation is provided)
Alt + Narrator + Right arrow	Navigate to next sibling (when structural navigation is provided)

Press these keys	To do this
Alt + Narrator + Left arrow	Navigate to previous sibling (when structural navigation is provided)
Alt + Narrator + Down arrow	Navigate to first child (when structural navigation is provided)
Narrator + F7	List of links
Narrator + F5	List of landmarks
Narrator + F6	List of headings
Narrator + Ctrl + F	Narrator Find
Narrator + F3	Continue Find forward
Narrator + Shift + F3	Continue Find backward

#### **Numeric keypad commands**

Press these keys	To do this
Narrator + Home	Move to first item in window
Narrator + End	Move to last item in window
Narrator + Alt + Home	Read text from start to cursor

Press these keys	To do this
Ctrl + Narrator + Home	Move to beginning of text
Ctrl + Narrator + End	Move to end of text
Narrator + Left arrow	Move to previous item
Narrator + Right arrow	Move to next item
Narrator + 5 (numeric keypad)	Read item
Narrator + 5 twice quickly (numeric keypad)  Narrator + Ctrl + 5 twice quickly (numeric keypad)	Read item spelled out
Narrator + Up arrow	Read current line
Narrator + Down arrow	Start reading document
Ctrl + Narrator + Left arrow	Read previous word
Ctrl + Narrator + 5 (numeric keypad)	Read current word
Ctrl + Narrator + Right arrow	Read next word
5 (numeric keypad)	Read current character
Narrator + Page up	Change view

Press these keys	To do this
Ctrl + Narrator + Up arrow	
Narrator + Subtract (numeric keypad)	Move Narrator cursor to system cursor
Narrator + Add (numeric keypad)	Set focus to item
Ctrl + Narrator + Add (numeric keypad)	Increase voice volume
Ctrl + Narrator + Subtract (numeric keypad)	Decrease voice volume
Alt + Narrator + Add Alt + Narrator + Subtract	Change punctuation reading mode
Narrator + Enter	Do primary action
Narrator + Shift + Enter	Toggle search mode

# Legacy keyboard layout

#### **General commands**

Press these keys	To do this
Windows logo key + Ctrl + N	Open Narrator settings
Windows logo key + Ctrl + Enter	Start or stop Narrator

Press these keys	To do this
Narrator + Esc	Stop Narrator
Narrator + 1	Toggle input learning
Narrator + Right arrow	Move to next item
Narrator + Left arrow	Move to previous item
Narrator + Up or Down arrow	Change view
Narrator + F1	Show commands list
Narrator + F2	Show commands for current item
Narrator + Enter	Do primary action
Narrator + Shift + Enter	Toggle search mode
Narrator + C	Read current time and date
Narrator + Shift + D	Describe image using an online service
Narrator + E Narrator + Alt + F	Provide Narrator feedback
Narrator + Z	Lock Narrator key
Narrator + Shift + F12	Toggle developer mode

Press these keys	To do this
Narrator + X	Pass keys to application
Narrator + Num lock	Turn mouse mode on or off
Press Caps lock twice in quick succession	Turn Caps lock on or off

#### Adjust speech

Press these keys	To do this
Narrator + Page Up	Increase voice volume
Narrator + Page Down	Decrease voice volume
Narrator + Plus sign (+) Narrator + Add (numeric keypad)	Increase voice speed
Narrator + Minus sign (-) Narrator + Subtract (numeric keypad)	Decrease voice speed
Narrator + Alt + Plus sign (+) Narrator + Alt + Minus sign (-) Narrator + Alt + Add (numeric keypad) Narrator + Alt + Subtract (numeric keypad)	Change punctuation reading mode
Narrator + A Narrator + Ctrl + Plus sign (+) Narrator + Ctrl + Add (numeric keypad)	Increase verbosity mode

Press these keys	To do this
Narrator + Ctrl + Minus sign (-) Narrator + Ctrl + Subtract (numeric keypad)	Decrease verbosity mode
Narrator + F12	Toggle character reading
Narrator + Forward slash (/)	Read context
Alt + Narrator + Forward slash (/)	Change how much context is read (verbosity)
Ctrl + Narrator + Forward slash (/)	Change read context order

#### Read and work with text

Press these keys	To do this
Ctrl	Stop reading
Narrator + D	Read item
Narrator + S	Read item spelled out
Narrator + 0 (zero)	Read item advanced
Narrator + T	Read window title

Press these keys	To do this
Narrator + W	Read window
Narrator + V	Repeat phrase
Narrator + R	Read from cursor
Narrator + M	Start reading document
Narrator + H	Read document
Narrator + Close square bracket (])	Read text from start to cursor
Narrator + Shift + U	Read previous page
Narrator + Ctrl + U	Read current page
Narrator + U	Read next page
Narrator + Shift + I	Read previous paragraph
Narrator + Ctrl + I	Read current paragraph
Narrator + I	Read next paragraph
Narrator + Ctrl + M	Read previous sentence
Narrator + Ctrl + comma (,)	Read current sentence

Press these keys	To do this
Narrator + Ctrl + period (.)	Read next sentence
Narrator + Shift + O	Read previous line
Narrator + Ctrl + O	Read current line
Narrator + O	Read next line
Narrator + Shift + P	Read previous word
Narrator + Ctrl + P	Read current word
Narrator + P	Read next word
Narrator + Shift + Open square bracket ([)	Read previous character
Narrator + Ctrl + Open square bracket ([)	Read current character
Narrator + Open square bracket ([)	Read next character
Narrator + F	Read next group of formatting information
Shift + Narrator + F	Read previous group of formatting information
Narrator + Y	Move to beginning of text

Press these keys	To do this
Narrator + B	Move to end of text
Narrator + J	Read previous word
H (with scan mode on)	Jump to next heading
Shift + H (with scan mode on)	Jump to previous heading
Narrator + L	Jump to next link
Narrator + Shift + L	Jump to previous link
Narrator + Shift + Down Arrow	Read current selection

#### **Navigate tables**

Press these keys	To do this
Narrator + F3	Jump to next cell in row
Narrator + Shift + F3	Jump to previous cell in row
Narrator + F4	Jump to next cell in column
Narrator + Shift + F4	Jump to previous cell in column
Narrator + F10	Read current row header

Press these keys	To do this
Narrator + F9	Read current column header
Narrator + F8	Read current row
Narrator + F7	Read current column
Narrator + F5	Read which row and column Narrator is in
Narrator + F6	Jump to table cell
Narrator + Shift + F6	Jump to cell contents
Narrator + K	Jump to next table
Narrator + Shift + K	Jump to previous table

#### **Narrator focus commands**

Press these keys	To do this
Narrator + Home	Move to first item in window
Narrator + End	Move to last item in window
Narrator + Backspace	Go back one item
Narrator + N	Move to main landmark

Press these keys	To do this
Narrator + G	Move Narrator cursor to system cursor
Narrator + tilde (~)	Set focus to item
Narrator + Insert	Jump to linked item
Narrator + Shift + Insert	Jump to annotated content
Ctrl + Narrator + Up arrow	Navigate to parent (when structural navigation is provided)
Ctrl + Narrator + Right arrow	Navigate to next sibling (when structural navigation is provided)
Ctrl + Narrator + Left arrow	Navigate to previous sibling (when structural navigation is provided)
Ctrl + Narrator + Down arrow	Navigate to first child (when structural navigation is provided)
Narrator + Q	Move to last item in containing area

# Narrator touch gestures

Use this gesture	To do this
Touch or drag a single finger	Read what's under your finger

Use this gesture	To do this
Double-tap or hold with one finger and then tap anywhere on the screen with a second finger	Activate primary action
Triple-tap or hold with one finger and then double-tap anywhere on the screen with a second finger	Activate secondary action
Hold with one finger and then tap anywhere on the screen with two fingers	Start dragging or extra key options
Flick left or right with one finger	Move to next or previous item
Flick up or down with one finger	Change view
Tap once with two fingers	Stop Narrator from reading
Tap once with three fingers	Change verbosity mode
Tap once with four fingers	Show Narrator commands for the current item
Double-tap with two fingers	Show context menu
Double-tap with three fingers	Read text attributes
Double-tap with four fingers	Open search mode
Tap three times with four fingers	Show all Narrator commands

Use this gesture	To do this
Swipe left, right, up, or down with two fingers	Scroll
Swipe left or right with three fingers	Tab forward or backward
Swipe up with three fingers	Read current window
Swipe down with three fingers	Start reading on explorable text
Swipe up or down with four fingers	Turn semantic zoom on or off where supported
Swipe left or right with four fingers	Move Narrator cursor to beginning or end of unit

Next: Appendix C: Supported braille displays

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