Dell Canvas Pen

User's Guide



NOTE: A NOTE indicates important information that helps you make better use of your product
 NOTE: A NOTE indicates important information that helps you make better use of your product. △ CAUTION: A CAUTION indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.
MARNING: A WARNING indicates a potential for property damage, personal injury, or death.
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Notes, cautions, and warnings

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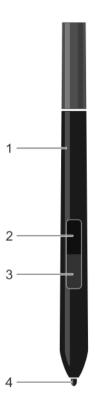


Canvas Pen

The Canvas Pen is designed for a highly precise and natural writing experience and can be used directly on the Dell Canvas screen. The Pen uses electro-magnetic resonance (EMR) technology and gets activated when brought within the proximity of the Dell Canvas screen.



Canvas Pen features



- 1 Pen
- 3 Bottom barrel button

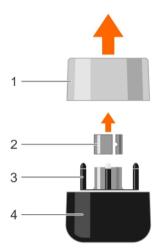
- 2 Top barrel button
- 4 Pen tip—nib

For more information about customizing the settings for these features, see customizing the Pen.

Nib holder

The nib holder includes a nib removal tool and compartments to hold the nibs.



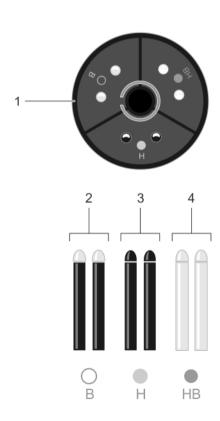


- 1 Cap of the nib holder
- 3 Nib holder

- 2 Nib removal tool
- 4 Base of the nib holder

Nibs

The Pen ships with a total of seven nibs. One hard nib is installed in the Pen. In addition, there are six nibs in the nib holder with two nibs each of the type: hardest, medium hard, and soft.





1 Nib holder

3 H—Hard nib

2 B—Soft nib

4 HB—Medium nib



Installing software drivers

Microsoft Windows 10 Anniversary version 1607 update or later supports the Pen features.

You can log in to dell.com/support to download the Canvas Installer application.



User interactions

The Pen does not require a battery or a power cord to function. It senses the amount of pressure and tilt applied to the tip. The four basic techniques for using the Pen are: pointing, clicking, double-clicking, and dragging.

NOTE: When not using the Pen, place it on the magnetic retention which is on either side of the Canvas, or in the Pen and nib holder, or on a flat surface.

Table 1. User actions for the Pen

User action	Description
Positioning	To position the screen cursor, move the Pen slightly above the Dell Canvas screen without touching the screen surface. To make a selection, press the Pen tip on the display screen.
Clicking	Tap the display screen once with the Pen tip, or touch the Pen to the Canvas screen with enough pressure to register a click.
Dragging	Select an object, then slide the Pen tip across the Canvas screen to move the object.
Using the Top and Bottom barrel buttons	The buttons have customizable options. By default, the Top button is set to Erase, and the lower barrel button is set to Barrel button. You can customize the options in the Canvas Pen settings page.
Working with pressure sensitivity	To draw, ink, or write with pressure sensitivity, move the Pen along the display screen surface while applying various amounts of pressure downward on the tip of the Pen. Press hard for thick lines or dense color. Press gently for thin lines or softer color.
Drawing with Tilt	Tilt can be used to control line shape and thickness in any application that supports this feature.
Erasing	In applications that support this feature, the Pen eraser works like a pencil eraser.



Customizing the Pen

Go to Start > Dell Canvas > Canvas Pen in the Windows operating system and customize settings for the Pen.

The following settings are available in the **Canvas Pen** control panel settings:

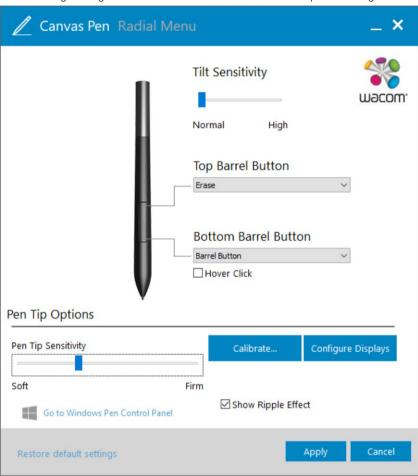


Table 2. Can Pen control panel settings

Function	Description
Tilt sensitivity	Allows you to adjust the Tilt sensitivity of your Pen. It determines how far you can tilt the tool to produce maximum tilt effect. You need to tilt the pen less, at high sensitivity than at low sensitivity. Drag the slider to increase or decrease the Tilt.
Top Barrel Button	The option Erase is selected by default. You can customize the setting by choosing a different function from the drop-down list. For more information about different functions in the list, see button functions.



Function	Description
Bottom Barrel Button	The option Barrel button is selected by default. You can customize the setting by choosing a different function from the drop-down list. For more information about different functions in the list, see button functions.
Hover Click	Click the check box to hold the pen tip close to the screen and press the side switch to perform a set function.
Pen Tip Options	
Pen tip sensitivity	Allows you to adjust the click pressure and pressure-sensitivity. Drag the slider to change it to the required setting.
Calibrate	You can calibrate the Pen display to align the screen cursor with the position of the pen on the Canvas screen. For more information, see calibrating the pen display.
Configure Displays	Allows you to configure the display settings.
Show Ripple Effect	To enable visual feedback for the pen, click the checkbox.
Restore default settings	Restores the changes to the default settings

Topics:

- Button functions
- · Calibrating the Pen display
- · Associating the Pen and Touch inputs
- Radial menu settings
- Pen and Windows ink settings

Button functions

The topic describes different settings that can be configured for the Top and Bottom barrel buttons. The options are similar for both the buttons.



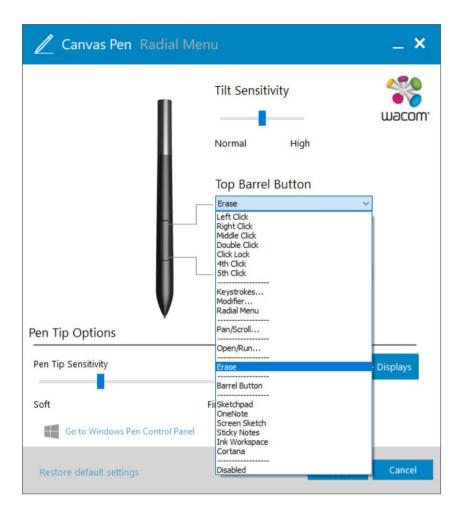


Table 3. Button functions

Function	Description
Left Click	Performs a function similar to a left mouse button click.
Right Click	Performs a function similar to a right mouse button click, which displays a menu.
Middle Click	Performs a function similar to a middle mouse button click.
Double Click	Performs a function similar to a left double-click.
Click Lock	It is useful to either drag objects or selecting text blocks.
4th Click	Performs a function similar to a 4th mouse button click.
5th Click	Performs a function similar to a 5th mouse button click.
Keystrokes	Choosing this option helps you to simulate keystrokes.
Modifier	Choosing this option helps you to simulate modifier keys like: Shift, Alt, or CTRL.
Radial Menu	Displays the Radial Menu options.
Pan/Scroll	It enables you to position an image in any direction within the active pane.
Open/Run	It opens a dialog box where you can choose a specific application or file.

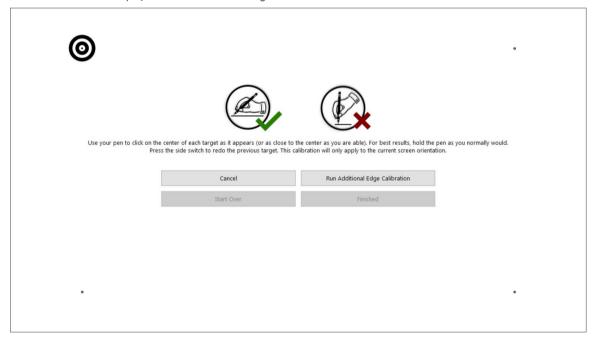


Function	Description
Erase	The tip of the pen functions like an Eraser in all the applications that support this functionality.
Barrel Button	Barrel button supports the default Pen button function in Windows 10.
Sketchpad	Opens the Sketchpad.
OneNote	Opens the One Note.
Screen Sketch	Opens the Sketchpad from the Windows Ink Workspace.
Sticky Notes	Opens the Sticky Notes.
Ink Workspace	Opens the Ink Workspace
Cortana	Open the help application in Windows
Disabled	Disables the button

Calibrating the Pen display

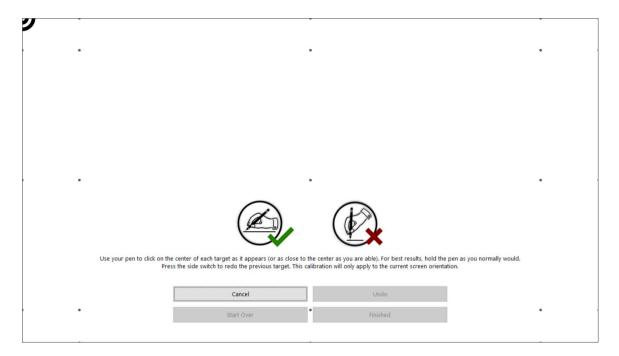
For optimum performance, calibrate the Pen display to align the screen cursor with the position of the Pen on the Canvas screen. You can perform the following steps to calibrate the Pen on the Dell Canvas screen:

- Go to Start > Dell Canvas > Canvas Pen in the Windows operating system.
 The Canvas Pen control panel settings page is displayed.
- 2 Click Calibrate.
- 3 To calibrate the Pen display, follow the instruction given on the screen.



4 To calibrate on the edges of the screen, click **Run Additional Edge Calibration** if necessary.





Associating the Pen and Touch inputs

To ensure that the Pen and Touch inputs are properly associated to the Dell Canvas screen, it is recommended to have the Dell Canvas set as main display. You can also associate the Pen and Touch inputs to the Dell canvas screen when it is used as an extended display.

For more information about configuring these settings, see the following topics:

- · Using Dell Canvas as a main display
- · Using Dell Canvas as an extended display

Configuring Dell Canvas as the main display

To set the Dell Canvas as the main display screen, perform the following steps:

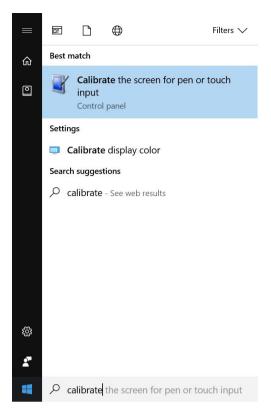
- 1 Go to Start > Windows Settings > System > Display.
- 2 Click **Identify**.
- 3 Select the Dell Canvas display from the **Customize your display** window.
- 4 Select Make this my main display.
- 5 Click Apply.

Using Dell Canvas as an extended display

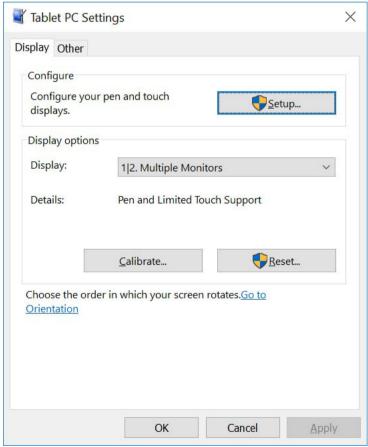
Associate the Pen and Touch inputs with the Dell Canvas screen when using the Dell Canvas as an extended display.

- 1 Type Calibrate in the **Search** field on the taskbar.
- 2 Select the search result Calibrate the screen for pen or touch input.





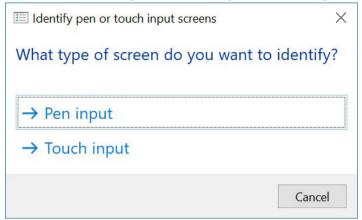
In the **Tablet PC Settings** control panel, select *Dell Canvas* from the drop-down list in the **Display options** section and then click



Setup in the Configure section.



4 Choose either the **Pen input** or the **Touch input** in the **Identify pen or touch screens** control panel.



5 Read the instructions carefully and press Enter until the configuration screen shows on the Canvas screen.



Touch the Canvas scree	en with the Pen or your finger to associate the input with the Canvas screen.
	Tap this screen with your tablet pen to set it as the Tablet PC screen.
	If this is not the Tablet PC screen, press Enter to move to the next screen. To close the tool, press Esc.
	Tarrela della accessione dell'alcundife de condenda della della condenda della
	Touch this screen to identify it as the touchscreen.
	If this is not the Tablet PC screen, press Enter to move to the next screen. To close the tool, press Esc.
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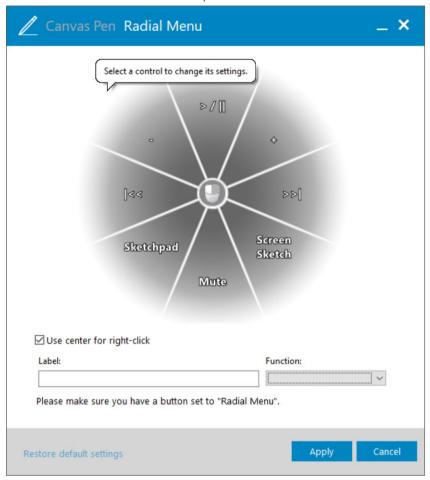
7 Click **OK** on the **Tablet PC Settings** control panel.



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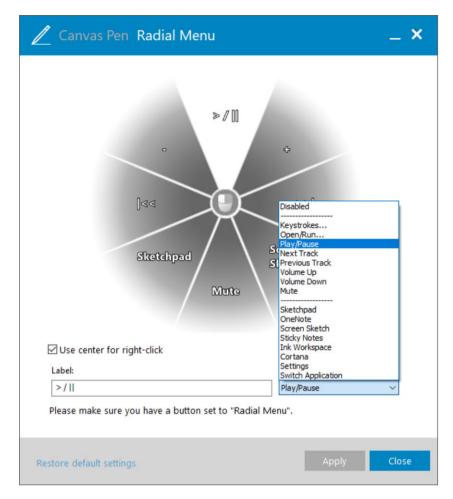
Radial menu settings

The **Radial Menu** control panel provides quick access to editing, navigation, and media control functions. You can customize the label and choose different functions from the drop-down list and add them to the **Radial Menu** settings.



You can click the radial menu to see all the functions that can be added to the Radial Menu settings.



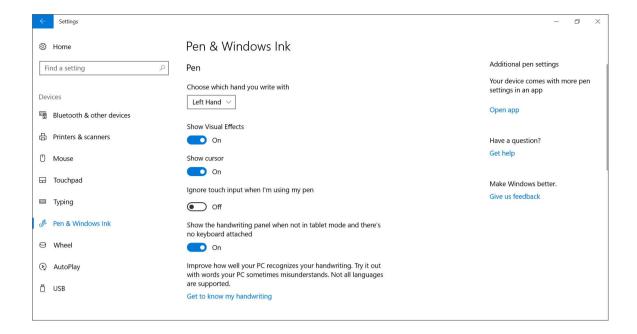


Pen and Windows ink settings

Go to **Start > Windows Settings > Devices > Pen & Windows Ink** and customize settings for the Canvas Pen in the Windows operating system. For more detailed information about the settings, see the Microsoft website at https://microsoft.com.

The following settings in the image can be customized in the Windows control panel:





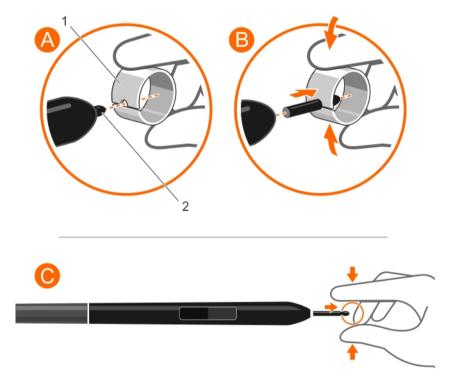


Replacing the Pen nib

To protect your pen display screen from scratching and for better performance, replace the Canvas Pen nib periodically. You can order new nibs online from the Dell Canvas product page on Dell.com.

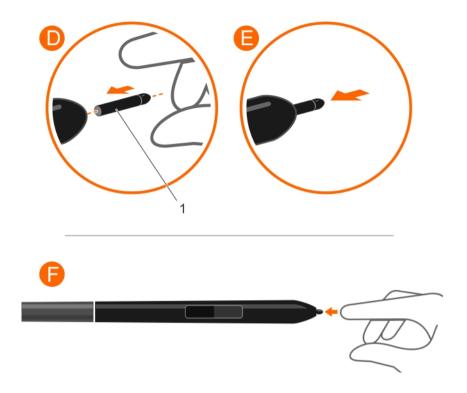
CAUTION: The tip of the pen nib wears out with normal use. Replace the pen nib when it starts to get too short or develops a flat point. Excessive pressure causes it to wear out sooner.

- To remove the nib, hold the nib removal tool [A], [1] with the opening pointing toward the nib [A], [2].
- Clasp the nib with the tool and remove the nib out of the pen barrel [B], [C].



- 3 To insert the nib, clasp the nib with your fingers [D], [1].
- 4 Slide the end of the new nib straight into the barrel of the pen [E], [F].







Troubleshooting

The following table lists common issues that may occur when using the Canvas Pen and possible solutions:

Table 4. Canvas Pen issues

Issue	Solution
The Pen works only in the mouse mode and does not draw or write with pressure sensitivity.	 Ensure that the Pen driver software is installed correctly. Reinstall the driver software. Ensure that the tool selected in the application and the application where the Pen is being used support pressure sensitivity.
The Pen does not draw or write with pressure sensitivity.	 Ensure that the application where the Pen is being used supports this functionality with pressure sensitivity. Ensure that the right options are selected within the application itself.
Clicking is difficult.	 Adjust the Pen tip sensitivity settings. Calibrate the Pen accuracy from the Canvas Pen settings page.
The Pen selects everything or will not stop drawing.	Adjust the Pen tip sensitivity settings.
The Pen cursor mapping becomes misaligned when duplicating two or more displays with different aspect ratios.	Extend image across displays or project to one display.
The Pen does not function.	Check the USB connection between the Dell Canvas and the host system.
The Pen cursor appears on a display other than Dell Canvas.	Calibrate the pen display to align the screen cursor with the position of the pen on the display screen. Run the Tablet PC Settings tool to assign the Pen input to the correct screen.

