

Wacom User Help

DTK-1660



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About the Wacom Cintiq 16

Your Wacom Cintiq 16 creative pen display helps you express yourself by allowing you to create directly on your screen.

- Use the pen included with the Cintiq 16 or another Wacom pen or tool that works with the Cintiq 16.
- Interact with your device using the [Express Menu](#) and other [On-screen shortcuts](#) to activate your preferred features and functions quickly and easily.

Review [Cintiq 16 features](#) for illustrations and information about your creative pen display. See [Set up your device](#) for setup instructions, including how to [Connect to your computer](#).

Included with your Wacom Cintiq 16

After you unpack your Cintiq 16, make sure that you have the following items:

- Cintiq 16 creative pen display
- Wacom Pro Pen 2
- Pen holder with built-in nib extractor and replacement nibs (attached to the side of your Cintiq 16)
- Quick Start Guide
- 3-in-1 cable
- AC power adapter
- Power cable

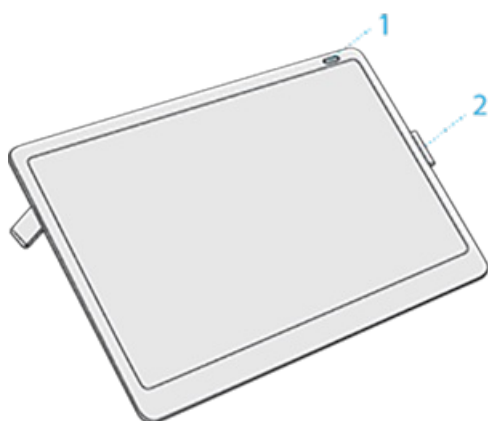
Finding more information

- Access FAQs and other product information on the [Cintiq 16 Getting Started](#) page of the Wacom website.
- Review the Important Product Information, which describes safety precautions, specifications, warranties, and the license agreement for your device in [Wacom Center](#).

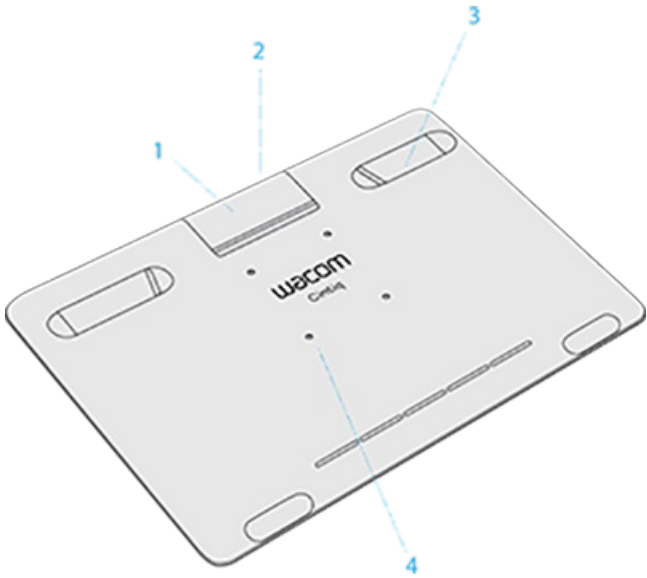
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Features of your Wacom Cintiq 16

- **Pen holder:** The pen holder can be installed on either side of your pen display. Use it to store the pen when it is not in use. Additional nibs are also found in the pen holder.
- **Pen button access to Express Menu:** Use the upper button of the pen included with your Cintiq 16 to access the [Express Menu](#).
- **Folding legs:** Unfold the legs to prop up the pen display at an angle for easier viewing. Fold in the legs for the lowest angle.
- **Power LED:** The Power LED indicates what power state the pen display is in. Adjust your Power LED brightness in [Display Settings](#).
 - The LED is solid white when the pen display is powered on.
 - The LED is blinking white when the pen display is in power standby / sleep.
 - The LED is off when the pen display is off.
- **Power Button:** Press the power button to turn the device on and off.



Number	Item
1	Power button
2	Pen holder (attach on either side of your pen display)



Number	Item
1	3-in-1 cable cover
2	Connection for 3-in-1 cable
3	Folding legs
4	VESA stand mounting holes

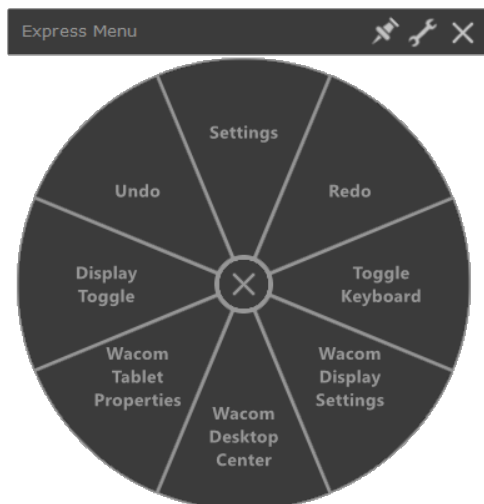
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Access the Express menu

By default, pressing the upper pen button of the Wacom Pro Pen 2 included with your Cintiq 16 will open the **Express Menu**. The Express Menu improves your work flow by giving you quick and easy access to your favorite features and functions.

To access the Express Menu:

1. Press the upper pen button on your Wacom Pro Pen 2. The **Express Menu** will appear under your cursor, and then use your pen to select an option from the menu.




Note: This upper pen button feature is only the default on the Wacom Pro Pen 2. Other Wacom pens may have different default settings.

2. If you want to customize the keys on the Express Menu, see [Customize Grid panel and Radial menu keys](#).

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Set up your device

The topics that contain the specific instructions needed to help you set up your device are within this **Set up your device** section in the Table of Contents.

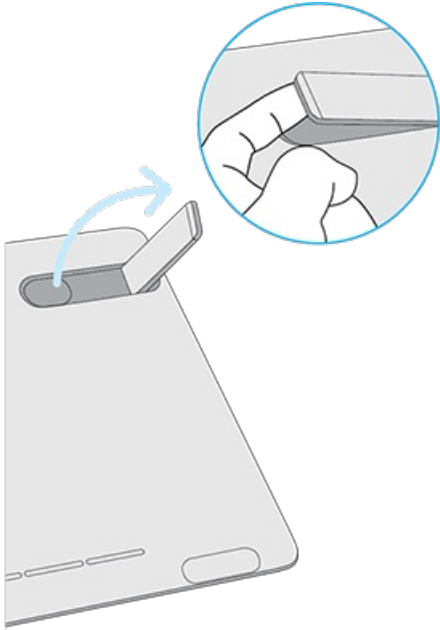
If you cannot already see the setup topics, click the  next to **Set up your device** in the Table of Contents on the left.

The Quick Start Guide included in the product box contains images that can also help guide you through the setup process.

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Stand setup and usage

There are two built-in stand legs. Fully extend the legs into the lock position before using your pen display:

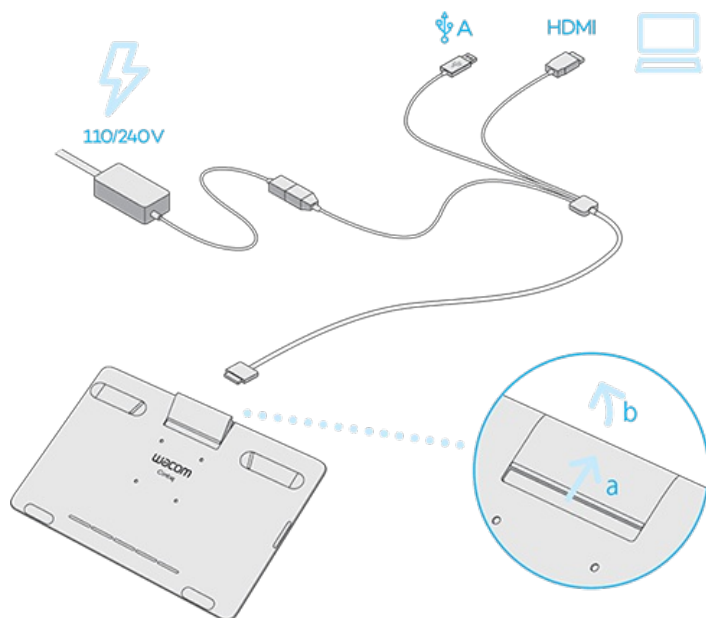


On some devices, in addition to the built-in stand legs, you can use your pen display with an optional Adjustable Stand. The Adjustable Stand offers a larger range of incline for your pen display. To attach an Adjustable Stand, use the mounting holes on the back of your pen display.

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Connect to your computer

Complete the following steps to setup your device:



1. Remove the **cable port cover** to expose the 3-in-1 cable port.
 - a. Push the cover up following the directional arrows on the cover.
 - b. Pull the cover back to expose the 3-in-1 cable port.
2. Connect the **3-in-1** cable into the port on your Cintiq 16.
3. Connect the power port of the 3-in-1 cable to the AC adapter, and then plug in the **AC adapter** to a power source.
4. Connect the **HDMI port** of the 3-in-1 cable to your computer.
5. Connect the **USB-A port** of the 3-in-1 cable to your computer.
6. Press the **power button** to turn on the pen display.
7. Follow the instructions on the [Install the Wacom driver](#) page.

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Install the Wacom driver



Important: Download and install the latest Wacom driver so your device works properly, unless your device comes with a pre-installed driver. Refer to the Quick Start Guide to discover if your device has a pre-installed driver or not.

Topics on this page


- [Install the Wacom driver](#)
- [Update the Wacom driver from Wacom Center](#)

Install the Wacom driver

1. Go to Wacom's [Product Resources](#) page.
2. In the **Search to find your product resources** search bar, enter your product's name or model number.
3. Select your product from the resulting drop-down list.
4. From the resources list that displays for your device, click **Download Windows Driver** or **Download Mac Driver**, depending on your computer's operating system.
5. Follow the on-screen instructions.

Update the Wacom driver from Wacom Center

Updated Wacom drivers are periodically made available on Wacom's [Product Resources](#) page (see instructions above) and in [Wacom Center](#). Check in and update regularly so your device has the latest features and functionality.

1. [Open Wacom Center](#).
2. If a notification symbol displays next to the Global settings  icon, a Wacom driver update may be available. Click the icon to proceed to the **General settings** tab.
3. If a "Driver update" is listed in the **Software updates** section, click the **Install update** button.
4. Follow the on-screen instructions.



Tip: On Windows 10 and later, you can check whether there is a Wacom driver update available from the Wacom Update Utility. From the Windows Start Menu, go to **Wacom Tablet > Wacom Update Utility**. If a new Wacom driver is available, you can download and install it.

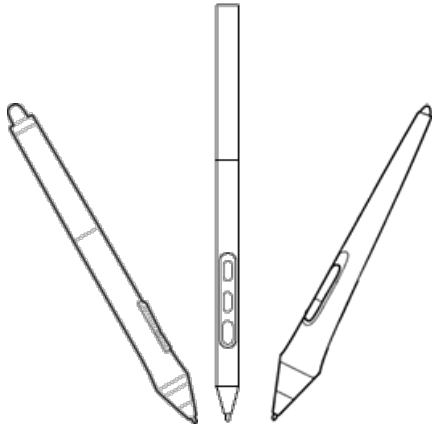


Note: If you uninstall the Wacom driver, your device will not work. If you uninstall the driver, reinstall the latest driver from Wacom's [Product Resources page](#) so that your device works again. If the driver is reinstalled, your device will revert to its default settings.

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Work with your pen

All pen tablets and pen displays include a cordless, battery-free pen that you use to interact with your device. You can hold, write, and draw as you normally would with a pen or pencil.



Pen styles vary depending on the pen tablet or pen display that you purchased.

Specialty pens

Pens designed for more advanced work, such as the Wacom Pro Pen 3D, Wacom Pro Pen Slim, Art Pen, or Airbrush, can be used with many pen tablets and pen displays.

To discover other pens and tools that can be used with your pen tablet or pen display, go to the [Wacom Store](#).

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Use your pen

Use your pen to interact with your device. This includes drawing, writing, moving items, and activating actions that you assign to pen buttons.



Tip: Hold the pen as you would normally hold a pen or pencil. Adjust your grip so that you can press any pen buttons easily with your thumb (recommended) or index finger without accidentally pressing it.



Tip: To make it easier to access tools in applications like Adobe Photoshop, assign modifiers, such as Alt and Ctrl, to your pen buttons so that you do not have to use your keyboard keys.

Topics on this page:

- [Pen tip and eraser](#)
- [Pen buttons](#)

Pen tip and eraser

- **Draw or sign:** Draw or sign with the pen tip directly on the device surface.



Note: Pens are pressure-sensitive, so the harder you press, the thicker your lines and the denser the color.

- **Move the cursor:** Move the pen while holding it slightly above the device without touching the screen surface.
- **Double-click:** Quickly tap the screen twice in the same place with the pen tip.
- **Erase:** Flip the pen to the side opposite the pen tip and move the eraser over the area you want to erase, just as you would use the eraser on a pencil.



Note: Some pens do not have an eraser.

- **Select an item:** Tap the screen once with the pen tip.
- **Move an item:** Select the item with the pen tip, then slide the pen tip across the screen to move it.

Pen buttons

Use pen buttons as shortcuts to [actions](#). You can change assigned pen button settings from Wacom Center by selecting your device in the Devices sidebar, then clicking **Pen settings** in the main content area. You'll proceed to Wacom Tablet Properties, where you can make the changes.



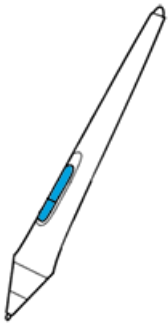
Note: Some pens do not have buttons.

If your pen button is assigned to a type of click (right-click, double-click, etc.), you activate the click differently, depending on your **Pen Button Mode**:

- If your Pen Button Mode is [Hover Click](#), then hold the pen tip slightly above the surface of your device and press the pen button.
- If your Pen Button Mode is [Click & Tap](#), press the pen button and then tap the device surface with your pen tip.

You can find these settings in Wacom Tablet Properties by clicking the **Options...** button.

If your pen has a long, thin button, press the upper part of the button for one setting and the lower part for another.



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Store your pen

Store your pen properly to keep it in good condition and help the pen tip last longer.

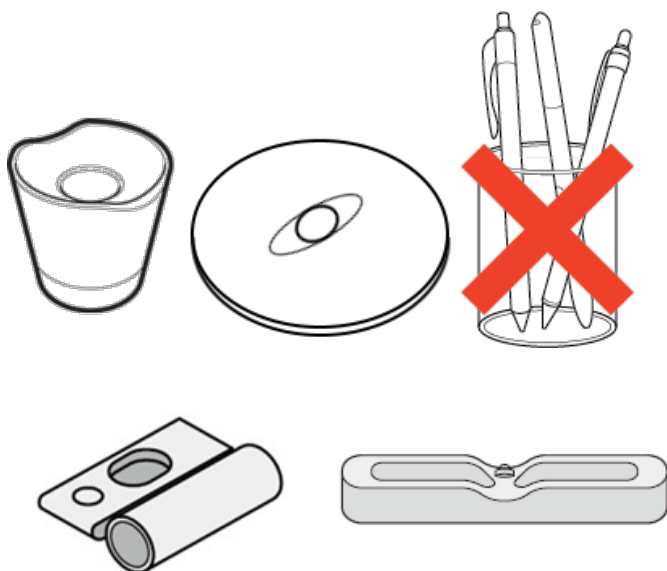


Important: Store your pen so there is no pressure on the pen tip or eraser.

- If your device has a pen stand, store the pen with the tip down in the stand.
- If your device included a pen case, store the pen in the pen case.
- If your device has a pen sleeve, holder, or tray, the pen can be stored there.



Tip: Do not leave the pen on the device when you are not using the pen. This might cause issues when you are using a mouse and might prevent your computer from going to sleep.



Pen stands vary depending on the pen tablet or pen display that you purchased.

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Customize your pen settings

Customize your pen by assigning actions to pen buttons, adjusting the pen tip feel and pressure, and selecting how you perform a right-click.



Note: Some pens do not have buttons or an eraser.

Topics on this page:

- [Assign actions to the pen button and pen tip](#)
- [Customize other pen properties](#)

Assign actions to the pen button and pen tip

1. [Open Wacom Center](#).
2. Select the device you use your pen with from the Devices sidebar.
3. Select **Pen settings** in the main content area. You will proceed to Wacom Tablet Properties.
4. For each of the pen buttons, select the action you want from the drop-down menu.

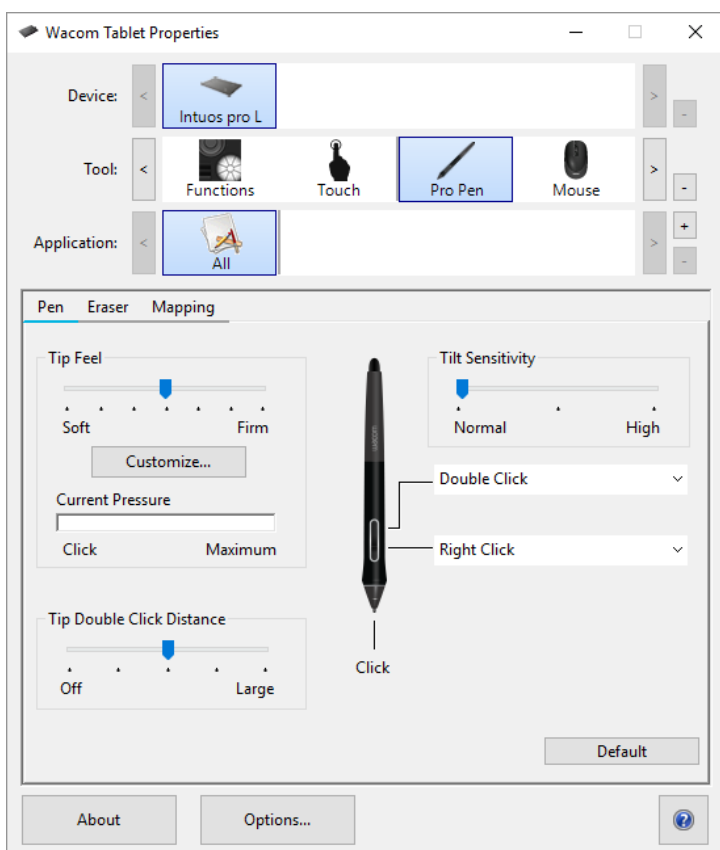


Note: The options available in Wacom Tablet Properties will vary depending on your device.

5. For the pen tip, double-click the pen tip image on the Pen tab in Wacom Tablet Properties to display a drop-down menu. Then, select a setting for the pen to perform when you tap the tablet surface with it.



Warning: The tip must be set to **Click** in order to draw for most graphics applications.



The above screenshot is for descriptive purposes; it may not match your screen.

Customize other pen properties

- **Pen Feel Details:** To change the tip sensitivity, click **Customize** and adjust advanced pen options.
- **Current Pressure:** To see how hard you need to press with the pen, check your Current Pressure by pressing down with the pen tip or eraser in an empty area of the Wacom Tablet Properties window.
 - If you want to change the amount of pressure you need to use the pen tip or eraser, move the **Tip Feel** and **Eraser Feel** sliders.
- **Tip Double Click Distance:** Determines the maximum distance (in screen pixels) that the screen cursor can move between clicks and still be accepted as a double-click. Increasing the double-click distance makes double-clicking easier, but may cause a delay in brush strokes in some graphics applications.
- **Tilt Sensitivity:** To change how much the tilt of your hand affects your pen strokes, drag the slider. Open an application that supports tilt to test while you are adjusting, so you can see how your changes affect your strokes.



Tip: If you want a narrower range of pressure values in a pressure-sensitive application, select a soft **Tip Feel**.



Tip: If the pen overreacts to slight pressure, try a firmer **Tip Feel** setting.



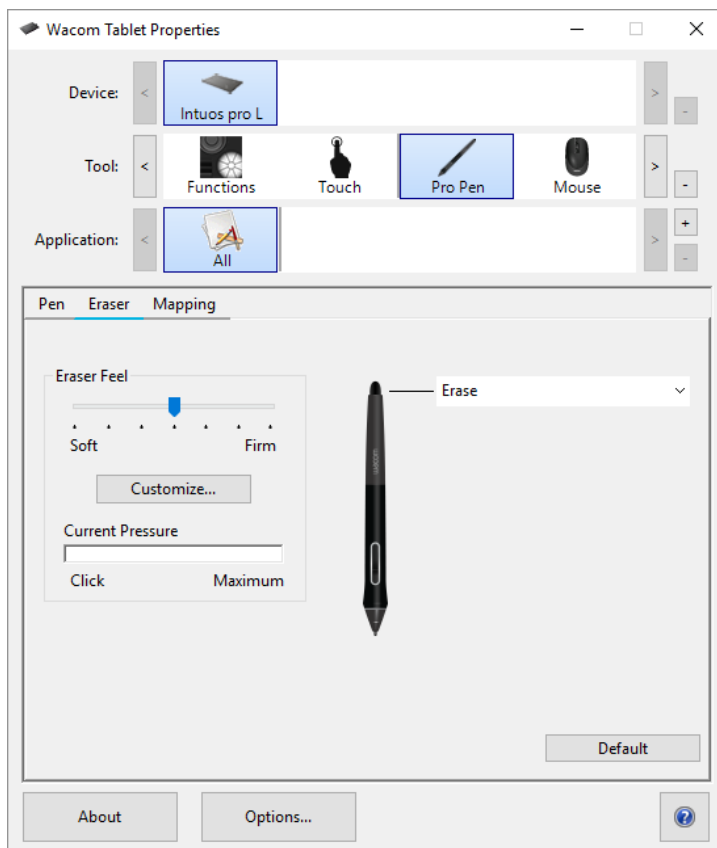
Tip: If you notice a delay at the beginning of brush strokes, inking strokes, or drag actions, try a smaller **Tip Double Click Distance** or set a pen button to double-click instead of the pen tip.

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Eraser

To customize your eraser settings:

1. [Open Wacom Center](#).
2. Select the device you use the pen with from the Devices sidebar.
3. In the main content area, select **Pen settings**.
4. In Wacom Tablet Properties, select the **Eraser** tab.
 - Use the **Eraser Feel** slider to customize the amount of pressure needed to erase.
 - Click **Customize** to further adjust the eraser sensitivity.
 - With your screen cursor positioned over an empty area of the control panel, press down on the **Current Pressure** bar with the eraser to determine pressure levels.
 - From the **Erase** drop-down menu, select the action to perform when using the eraser.



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Replace the pen nib



Tip: Replace your pen nib when it is approximately 1 mm (1/25 inch) or has a sharp edge.

Topics on this page:

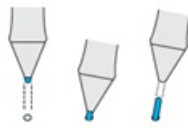
- [Replace the pen nib](#)
- [Where to find the nib removal tool](#)
- [Where to find replacement nibs](#)

Replace the pen nib

1. Use the [nib removal tool](#) to remove your pen nib. There is a small hole in the pen stand, case, pen end, or pen holder depending on what was included with your device.

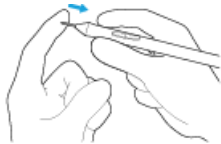


Nib removal tool



Hole in stand or case

2. Get a [replacement nib](#) and slide the end of the new nib straight into the barrel of the pen.



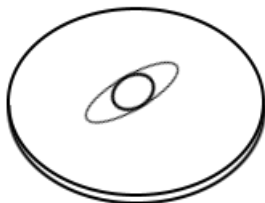
3. Push the nib in slowly and firmly until it stops.

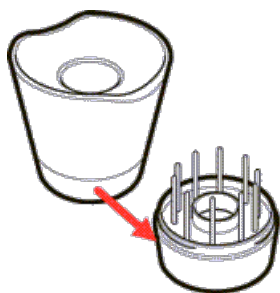
Where to find the nib removal tool

For some devices, the nib removal tool is a metal ring included with your device.

For other devices, you will need to use the nib removal hole to remove your pen nib. The nib removal hole can be found in a variety of places, depending on your device. See the examples below.

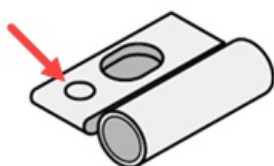
On the bottom of your pen stand:





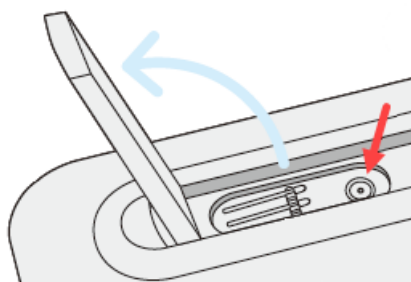
Pen stands vary depending on the pen tablet or pen display that you purchased.

On the removable pen holder attached to the side of your device:



Pen holders vary depending on the pen tablet or pen display that you purchased.

Underneath one of the built-in stand legs:



Built-in stand legs vary depending on the pen tablet or pen display that you purchased.

Where to find replacement nibs

The extra nibs are stored in different places for different devices. First, look in the box that your device was packaged in. If you do not see the nibs there, try these places:

- If your device included a pen case, check there.
- If your device has a removable compartment cover on the back, slide it open.
- If your device included a pen stand, unscrew the pen stand.



Tip for the Pro Pen 2 stand: To screw the stand back together, line up the dots on the bottom of the stand and the recess. Then, gently guide the bottom of the stand to the right until you feel it click into place.

- If your device includes a pen holder attachment, check there.
- If your device has built-in stand legs, the replacement nibs may be located underneath one of the legs.

If you need more nibs, you can purchase them from the [Wacom Store](#).

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Use your pen with Windows Ink

Take advantage of a wide variety of features supported by Microsoft Windows. Additional features are supported by Windows 10 & 11 and the Windows Ink Workspace.

- **Handwriting recognition:** Convert your handwritten content to typed text.
- **Digital Ink** (Microsoft Office 2007 or later): Use the enhanced digital mark-up and inking tools found on the Review tab in applicable applications.
- **Windows Input Panel:** Use handwriting or an on-screen keyboard to directly enter text with your Wacom pen.



Note: The Pen Flicks and press-and-hold-to-right-click features are disabled in some graphics applications.

Windows Ink is ON by default. To turn Windows Ink OFF:

1. [Open Wacom Center](#).
2. Select your device in the Devices sidebar.
3. In the main content area, select **Mapping settings**.
4. In Wacom Tablet Properties, deselect **Use Windows Ink**.

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Advanced pen and eraser

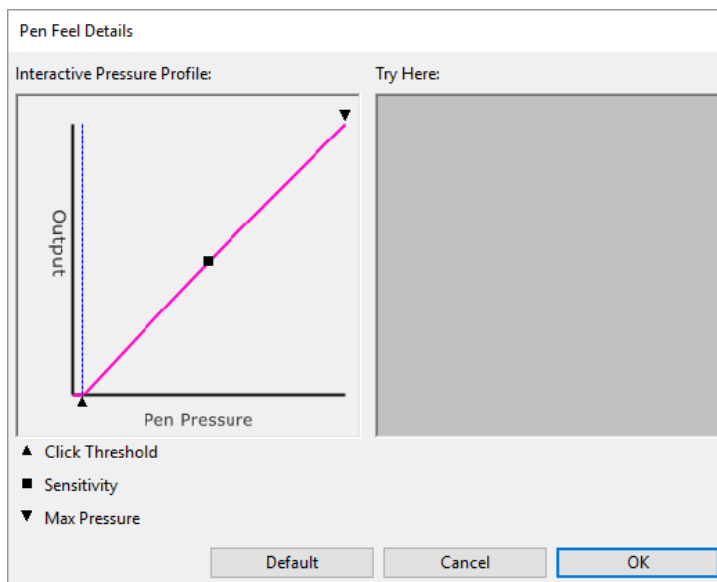
You can further customize tip or eraser pressure settings on the Pen Feel Details dialog. Options within the Pen Feel Details dialog let you independently change the tip or eraser pressure sensitivity and click threshold settings.



Note: The available features on your pen may vary depending on your device.

Customize pen and eraser advanced settings

1. [Open Wacom Center](#).
2. In the Devices sidebar, select the device you will use when working with your pen.
3. Select **Pen settings** in the main content area. You will proceed to Wacom Tablet Properties.
4. On the Pen or Eraser tab, click the **Customize** button to open the Pen Feel Details dialog.
5. Make any changes to your advanced pen and/or eraser settings, as described below.



- The **Pen Feel Details** dialog shows the selected pressure sensitivity curve and click threshold settings. Move the pressure controls to change the settings.
- **Click Threshold** determines the amount of force required to register pressure or generate a pen click.
- **Sensitivity** changes the slope of the pressure response curve.
- **Max Pressure** determines how hard you must press the pen tip to reach maximum pressure.
- Using your pen tip or eraser, make several strokes within the **Try Here** box to test the results of your changes.
- A curve that increases quickly makes the pen feel more sensitive.



Note: On the Pen and Eraser tabs, pressure and sensitivity settings are adjusted with the **Tip Feel** or **Eraser Feel** slider, which override the advanced pressure settings created on the Pen Feel Details dialog.

Customize your Wacom device

You can set a customizable component of your device to perform a specific action. Customizable components can include ExpressKeys™, pen buttons, the pen tip, Touch Rings, Rocker Rings, Touch Gestures, and Touch Strips. Actions can include mouse clicks, keyboard shortcuts (Ctrl+Z, etc.), navigation (scroll up or down, etc.), and more.



Note: The customizable components and actions available may vary, depending on your device.

Topics on this page:

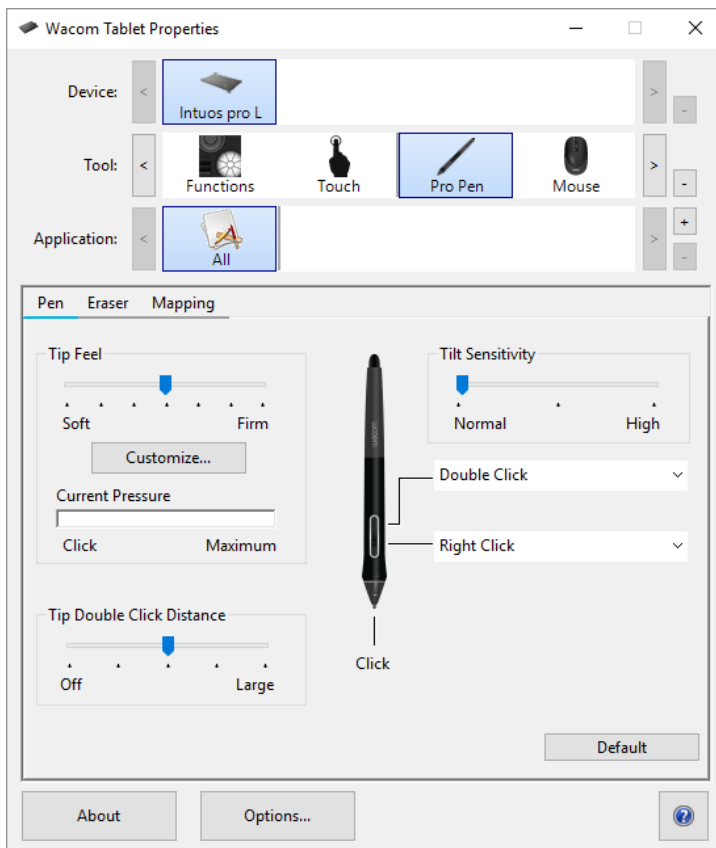
- [Assign an action](#)
- [Set a pen button to zoom in](#)

Assign an action



Note: Any settings that you customize apply to this device only, except for On-screen shortcuts (which apply to all devices).


1. [Open Wacom Center](#).
2. Select your device in the Devices sidebar.
3. Select the settings you want to customize (ExpressKey settings, Pen settings, etc.). You will proceed to the applicable tab in Wacom Tablet Properties.




The above screenshot is for descriptive purposes; it may not match your screen.

4. From the drop-down menu next to the component that you want to customize (ExpressKey, pen button, etc.), select the **action** that you want to assign. Any changes you make take effect immediately.
5. Engage the component that you customized, and the action that you assigned is performed. The following **Tips** can help you assign additional actions in Wacom Tablet Properties:




Tip: Select the Functions  icon from the **Tool** row to assign actions to customizable components such as ExpressKeys™ or On-screen shortcuts.



Tip: Select the Touch  icon in the **Tool** row (if your device supports touch) to assign touch actions.



Tip: Select the pen  icon in the **Tool** row to assign pen actions.



Note: For some products, the **Tool** row will not be present. In this case, click on one of the tabs in Wacom Tablet Properties to assign actions.

Set a pen button to zoom in

1. [Open Wacom Center](#).
2. Select your device in the Devices sidebar.
3. Select **Pen settings** in the main content area. You will proceed to Wacom Tablet Properties.



Note: Each pen button has a drop-down menu next to it that tells you the current action assigned to it.

4. On the Pen tab, click one of the drop-down arrows next to a pen button and select **Navigation > Zoom In**.
5. Press that button on your pen to zoom in on the active application.



Tip: You can create settings (pen settings, ExpressKey settings, etc.) for use with specific applications. See [Application-specific settings](#) for more information.



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What actions can I assign?




You can change the actions assigned to ExpressKeys™, Touch Rings, On-screen shortcuts, pen buttons, and other customizable components of your device from [Wacom Center](#). Then, when you use that component, such as pressing an ExpressKey or pen button, the action you assigned is performed.







Note: The list of available actions below may vary from the actions available on your device.

4th click or 5th click	Performs a 4th or 5th mouse button click (only applies if your mouse has more than 3 buttons).
Arrow keys	<p>Only applies to Pen gestures. Allows you to move incrementally up, down, left, or right by moving the pen tip while pressing a pen button or ExpressKey. The exact behavior depends on the active application.</p> <div>  <p>Note: Pen gestures are only available on select devices.</p> </div>
Auto Scroll/Zoom	Assign this action to the Touch Ring to zoom in most graphics applications or scroll in most other applications.
Back	Returns you to the previous step, similar to how Back works in browsers.
Click	Performs a mouse button click.
Click Lock	<p>Presses and holds the mouse button.</p> <ul style="list-style-type: none"> Begin the click lock by engaging a component, and then engage it again to release it. For example, if Click Lock is assigned to a pen button, press the pen button once to begin Click Lock and press it again to release the lock. <div>  <p>Tip: Click Lock is helpful when you are dragging objects and selecting blocks of text.</p> </div>
Default	Resets the component to its default setting.
Disabled	Disables the component so that when you engage the component, such as pressing the pen button, nothing happens.
Display Toggle	Toggles between your devices and monitors, if you are using your device with multiple monitors or devices.
Double Click	<p>Performs a double-click.</p> <p>Tip: For easier double-clicking, assign this action to a component, such as a pen button, instead of tapping twice with the pen tip.</p>
Erase	<p>Sets your strokes with the pen to erase instead of draw.</p> <p>For example, if you assign Erase to your pen button, you can move your pen over an area you</p>

	want to erase while pressing the pen button.
Forward	Directs you to a step ahead of where you are in your history, similar to how Forward works in browsers.
Grid panels	Displays the Grid panel that you select.
Keyboard modifier	Performs a keyboard modifier (Shift, Alt, etc.), mouse button click (left click, etc.), mouse wheel scroll, or a combination of these options that you select on the Keyboard modifiers window.
Keyboard shortcut	Performs a keystroke (Shift, Alt) or a combination of keystrokes (Ctrl+Z, Ctrl+Y) that you assign on the Keyboard shortcut window.
Keystroke	Performs a keystroke (Shift, Alt) or a combination of keystrokes (Ctrl+Z, Ctrl+Y) that you assign on the Define Keystroke window.
Launchpad	Displays the macOS Launchpad menu, where you can start applications.
Middle Click	Performs a middle mouse button click.
Mode Toggle	<p>Assign this action to a pen button to toggle between Pen mode and Mouse mode.</p> <ul style="list-style-type: none"> When you first set a pen button to Mode Toggle, the Mouse Mode window appears. Move the sliders to adjust the mouse acceleration and speed. In Pen mode, you use the pen like a regular pen. The cursor jumps to the point where you place your pen, and you define which portion of your device maps to which portion of your monitors. In Mouse mode, you use the pen like a mouse. The cursor stays on the point you left it when you pick up your pen, and you interact with your device like you interact with a mousepad.
Modifier	Performs a keyboard modifier (Shift, Alt, etc.), mouse button click (left click, etc.), mouse wheel scroll, or a combination of these options that you select on the Define Modifier window.
On-Screen Keyboard	Toggles the Windows On-Screen Keyboard open and closed.
Open/Run	<p>Opens or runs the application, file, or a script you choose.</p> <ul style="list-style-type: none"> When you select Open/Run, the Run Application window appears. Click Browse and select the item. Click OK.
Pan/Scroll	<p>Allows you to pan or scroll by moving the pen tip up and down or right and left while pressing a pen button or ExpressKey. Your screen cursor will remain in place while you move the pen tip.</p> <div>  <p>Tip: You can change the Speed, which determines how much you need to move the pen to pan or scroll. Slower settings require moving the pen longer distances, while faster settings require moving the pen shorter distances.</p> </div>

Pan/Scroll (Legacy)	<p>Behaves the same as Pan/Scroll, but your screen cursor will move with the pen tip.</p> <div data-bbox="302 216 1360 405">  <p>Tip: You can change the Speed, which determines how much you need to move the pen to pan or scroll. Slower settings require moving the pen longer distances, while faster settings require moving the pen shorter distances.</p> </div>
Pan/Zoom	<p>Pans or zooms, depending on whether you are hovering or touching the device surface.</p> <ul style="list-style-type: none"> To pan, hover above (but do not touch) the device surface, and then press and hold the pen button or ExpressKey while moving your pen. To zoom, press and hold the pen button or ExpressKey while touching the device surface and move the pen towards the top to zoom out or towards the bottom to zoom in. <ul style="list-style-type: none"> If you pick up your pen to hover, zooming stops. As long as you continue to hover and hold the button, you can still zoom when you touch the pen tip to the surface again. If you want to pan again after zooming, release the button and press it again. <div data-bbox="302 783 1360 1098">  <p>Note: If the application does not support Pan/Zoom, the following happens instead:</p> <ul style="list-style-type: none"> Pressing the pen button or ExpressKey while hovering activates a Ctrl + Right-Click. Pressing the pen button or ExpressKey while touching the surface activates a mouse wheel scroll. </div> <div data-bbox="302 1119 1360 1308">  <p>Tip: You can change the Speed, which determines how much you need to move the pen to pan or zoom. Slower settings require moving the pen longer distances, while faster settings require moving the pen shorter distances.</p> </div>
Precision Mode	<p>Toggles between normal precision and a precision that you choose, from Fine to Ultra Fine.</p> <ul style="list-style-type: none"> In the Precision Mode window that appears, move the slider to set the precision that you toggle into. For example, if you assign Precision Mode to a pen button, when you press the pen button, you switch to working in the precision that you selected from the slider. When you press the pen button again, you switch back to working in the normal precision.
Pressure Hold	<p>Locks the pressure at the current level until you release the component.</p> <p>For example, if you assign this action to a pen button, you can paint with pressure sensitivity enabled in your application until you reach the brush size you like. Then, press and hold the pen button to lock in that brush size as long as you are pressing and holding the button.</p>
Radial menus	<p>Displays the Radial menu that you select.</p>

Redo	Restores any actions that were previously undone using an undo.
Right Click	Performs a right mouse button click.
Scroll	<p>Scrolls the active application on your computer.</p> <p>Assigned to a Touch Ring: Slide your finger around the ring clockwise to scroll down and counterclockwise to scroll up.</p> <p>Assigned to a pen button or ExpressKey: Press and hold the pen button or ExpressKey while touching the pen tip to the device surface and moving up or down to scroll. If you pick up your pen to hover, scrolling stops. As long as you continue to hover and hold the button, you can still scroll when you touch the pen tip to the surface again.</p> <div>  <p>Tip: You can change the Speed to determine how much you need to move the pen to scroll. Slower settings require moving the pen longer distances, while faster settings require moving the pen shorter distances.</p> </div>
Scroll Down	Scrolls your active application down.
Scroll Up	Scrolls your active application up.
Settings	Displays the current settings of your customizable components, including ExpressKeys™, the Touch Ring, pen, and touch. Click on an item to adjust its settings.
Show Desktop	Minimizes all open windows so you can view your desktop.
Switch Application	Toggles between the applications that you have open.
Touch On/Off	<p>Toggles touch on and off.</p> <p>This setting is not available on devices that have a built-in touch on/off switch.</p>
Tumble	<p>Tumbles, orbits, or rotates items in 3D applications.</p> <div>  <p>Note: If the application does not support Tumble, pressing the button activates a middle-click instead.</p> </div>
Undo	Reverses your last action.
	<p>Zooms the active application on your computer.</p> <p>Assigned to a Touch Ring: Slide your finger around the ring clockwise to zoom in and counterclockwise to zoom out.</p> <p>Assigned to a pen button or ExpressKey: Press and hold the pen button or ExpressKey while touching the pen tip to the device surface and move toward the top to zoom out or toward the bottom to zoom in. If you pick up your pen to hover, zooming stops. As long as you continue to</p>

Zoom	<p>hover and hold the button, you can still zoom when you touch the pen tip to the surface again.</p> <div>Note: If the application does not support Zoom, pressing the pen button or ExpressKey activates a mouse wheel scroll instead.</div> <div>Tip: You can change the Speed to determine how much you need to move the pen to zoom. Slower settings require moving the pen longer distances, while faster settings require moving the pen shorter distances.</div>
Zoom In	Zooms your active application in.
Zoom Out	Zooms your active application out.

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Assign keystrokes

You can assign keystrokes to customizable components of your device, like ExpressKeys™ and pen buttons. As a result, pressing a button on your device performs the specified action instead of pressing the keystroke on your keyboard. You can also assign a combination of keystrokes, so you only have to press one button instead of an entire keystroke combination.

1. [Open Wacom Center](#).
2. Select your device in the Devices sidebar.
3. Select one of your device's customizable components (Pen settings, for example).
4. In Wacom Tablet Properties, click any of the drop-down menus next to a customizable component.
5. Select **Keyboard > Keystroke....** The **Define Keystroke** window will display.

6. In the **Keys** box, enter the keystroke that you want to assign (Ctrl, for example). If you want to assign a combination of keystrokes, enter each keystroke that you want in the combination (Ctrl+Z, for example).
 - You can enter letters (a, A, b), numbers (1, 2, 100), function keys (F2, F3), and modifier keys (Ctrl, Alt). You can also choose pre-defined combinations from the **Add Special** drop-down list.
 - Click the **Delete** button to remove only the last keystroke you entered.
 - Click the **Clear** button to remove all the keystrokes you entered so you can start over.



Note: Two **Keys** boxes appear for Touch Rings and mouse wheels. Enter the keystroke for clockwise or forward wheel movement in the first box and counterclockwise or backward wheel movement in the second box.

7. Enter a **Name** for your keystroke and click **OK**.
 - The name appears on On-screen shortcuts, in Wacom Tablet Properties, and in Settings view, so enter a name that indicates the keystroke you assigned.
 - If you are assigning numbers to a Keypad, it is best practice to name the Keystroke the number that you assigned. For example, if you assign the number 8 to a Keypad button, name the Keystroke **8**.



Note: If no Name is entered, the keystroke keys will display ({Ctrl}z, for example).



Tip: You can assign different keystroke combinations to the same customizable component for different applications. See [Application-specific settings](#) for more information.



Tip: To learn which keystroke combinations are built-in as shortcuts for a particular application, refer to the documentation for the application.

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Calibration

Calibrate your pen display to align the screen cursor with the position of the pen on the screen. This compensates for viewing angle and adjusts for parallax.

1. Set up your pen display in its working position.
2. [Open Wacom Center](#).
3. Select your device in the Devices sidebar.
4. Select **Pen calibration**. You will proceed to the Calibrate tab in Wacom Tablet Properties.
5. If you are working with multiple monitors, select the monitor corresponding to your pen display from the drop-down menu.
6. Click the **Calibrate...** button to activate the calibration screen.
7. Holding the pen, sit or stand as you normally would when working with the pen display. Use the pen tip to click on the center of the crosshairs in the upper-left corner.
8. Click on the center of the crosshairs that are displayed in the remaining corners.
9. Test the alignment by positioning the pen at a few different points on the display.
10. Click **OK** to accept the calibration, or **Try Again** to recalibrate.

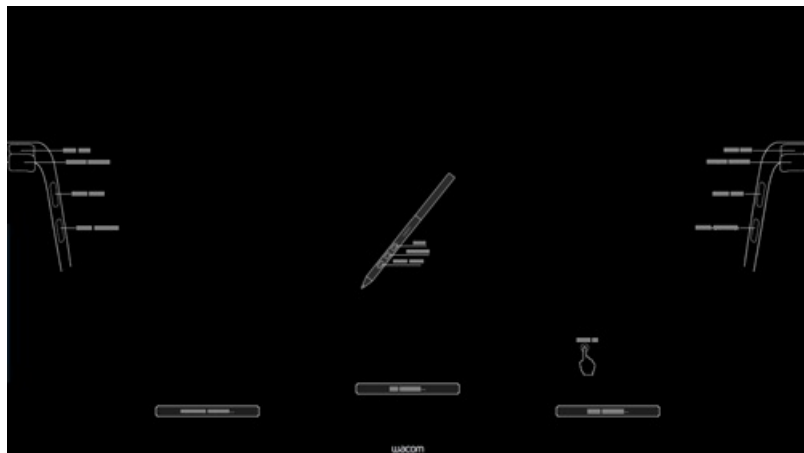
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Settings View

You can view the current settings for the ExpressKeys™, Rocker Ring, Touch Ring, Center or Home button, Touch Strips, Touch state, and the pen for your pen display at any time.



Note: Your Settings View display will vary, depending on your pen display model.



The above screenshot is for descriptive purposes; it may not match your screen.

To use Settings View:

1. [Open Wacom Center](#).
2. Select your device in the Devices sidebar.
3. Select **ExpressKey settings** in the main content area.
4. On the ExpressKeys tab in Wacom Tablet Properties, click the drop-down arrow next to an ExpressKey.
5. Select **Settings** from the drop-down menu.
6. To view the settings on the screen, press that ExpressKey.



Tip: You can open the ExpressKeys, Pen, or Touch tab in Wacom Tablet Properties by clicking the **Properties...** button for **ExpressKeys™**, **Pen**, or **Touch** on the Settings View screen.

To close the Settings View screen:

- Click on it with your mouse or tap it with your pen, or press the ExpressKey a second time.



Note: If an ExpressKey has been disabled, it will be displayed as disabled.

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Display Toggle

Display Toggle is available when working on multiple monitor systems. This feature allows you to work with your pen display on all other connected displays, or on one display at a time.

In Wacom Tablet Properties, the Display Toggle tab is automatically available when your pen tablet is installed on a multi-monitor system and your computer's display properties are set to "extend". The Display Toggle tab lets you select the monitor(s) to be included in the toggle sequence.

After setting an ExpressKey or pen button to Display Toggle, you can use it to toggle between your Wacom pen display and other monitors.

Topics on this page:

- [Set up Display Toggle](#)
- [Actions that return the toggle sequence back to your pen display](#)

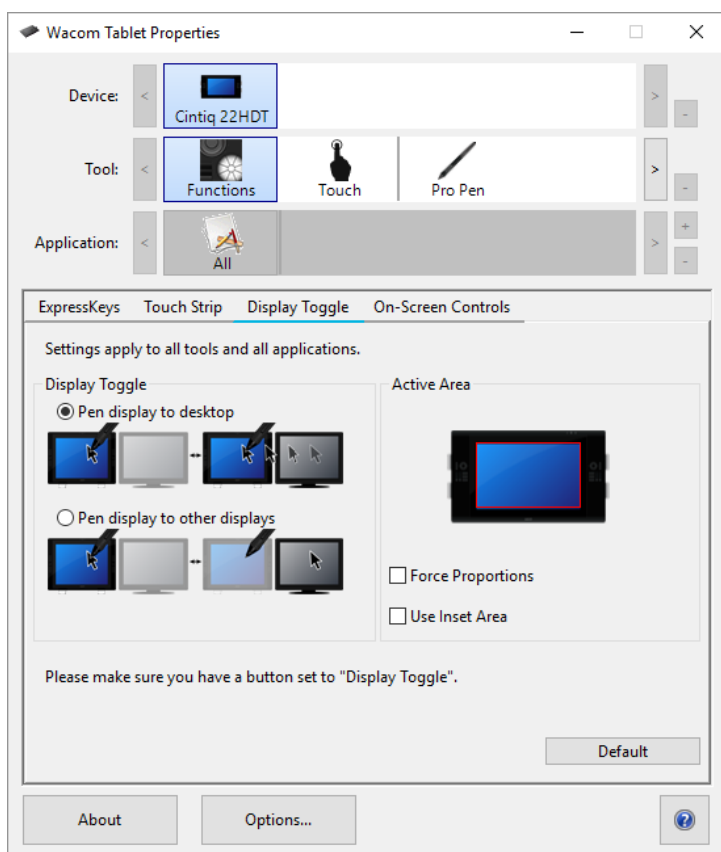
Set up Display Toggle

1. [Open Wacom Center](#).
2. Select your device in the Devices sidebar.
3. In the main content area, click **Display toggle settings**. You will proceed Wacom Tablet Properties.
4. On the Display toggle tab, select a display toggle setting:
 - **Pen display to desktop** toggles the screen cursor from your pen display to the entire system desktop. Press the button a second time to return the cursor to the pen display.
 - **Pen display to other displays** toggles the screen cursor from your pen display to another active pen display or monitor. The cursor toggles to each connected display in turn, then returns to the device where the first toggle began.
5. Assign **Display Toggle** to one of your device's customizable components, such as a pen button, ExpressKey, or On-screen shortcut. See general instructions for assigning a setting to a customizable component here: [Customize your Wacom device](#).



Important: Assigning Display Toggle to a customizable component is required so you can toggle your cursor between your pen display and any other monitor(s).

6. Use the pen button (or other customizable component) to toggle between your pen display and other monitors.
7. You can optionally set any of the following features on the Display Toggle tab:
 - **Active Area** options determine the size of the area where the pen will function on the pen display.
 - **Force Proportions** adjusts the size of the active area to maintain correct vertical and horizontal proportions between your pen display and the entire desktop or display. Depending on your settings, some portions of the active area may no longer be usable when this option is selected. When deselected, the correct scale or proportions are not maintained.
 - **Use Inset Area** limits the active area to a sizing of 6 x 8 inches. If **Force Proportions** is also selected, this sizing may be less. When deselected, as much of the active area as possible will be used for tablet-to-display mapping.



The above screenshot is for descriptive purposes; it may not match your screen.

Actions that return the toggle sequence back to your pen display

Any of the Actions listed below will return the toggle sequence to your pen display:

- Logging out of or rebooting the system.
- Switching users.
- Placing the system in sleep mode.
- Changing the Display Toggle settings.
- Changing the resolution or number of displays on your system.
- Using the Mode Toggle... action.
- Selecting Pen Mode or Mouse Mode from On-screen shortcuts.



Note: The Display Toggle feature is not available on MobileStudio Pro when it is in mobile mode.

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Customize user options

The Options screen allows you to customize pen button mode and other preferences for your device.

To access the Options screen:

1. [Open Wacom Center](#).
2. Select your device in the Devices sidebar.
3. In the main content area, click on any settings link (Pen settings, ExpressKey settings, etc.). You will proceed to Wacom Tablet Properties.
4. Click the **Options** button at the bottom of the screen.
5. Edit your settings on the Options screen.



Note: The available options listed in the table below will vary, depending on your device.

Options

Note: These settings apply to all tablets, mice, pens and applications

Pen Button Mode

☒ Hover Click
Hold the pen tip close to the tablet and press the pen button to do a right-click or other click function.

☐ Click & Tap
Press the pen button and tap the pen tip to the tablet to do a right-click or other click function.

Tablet Light Brightness

Off

Dim

Brightest

Pressure Compatibility

☐ Adjusts the pen pressure for compatibility with older applications that only support 1024 pressure levels.

Disable All Tablet Buttons

Sets all ExpressKeys, Touch Rings, Rocker Rings, and Touch Strips to Disabled for devices currently connected.

Disable All

Predefined Application Settings

Restore behavior of predefined application settings.

Restore

☒ Show wireless tablet battery status in system tray


Default

Cancel

OK

The above screenshot is for descriptive purposes; it may not match your screen.

Hover Click	This is the default Pen Button Mode setting. Hold the pen tip close to your Wacom tablet and press the pen button to perform a right-click or other click action (double-click, etc.).

Click & Tap	If your Pen Button mode is Click & Tap, press down the pen button and then touch the device surface with your pen tip to perform a right-click or other click action (double-click, etc.). This option allows for a more precise placement of pen clicks.
Tip-up Assist	<p>This feature is turned on by default and helps you accurately place a crosshair or control point with your pen in the exact place that you are targeting, without moving the targeted location 1-2 pixels when you release pressure on the pen tip. To turn off Tip-up Assist, deselect the checkbox.</p> <div>  <p>Note: The Tip-up Assist feature only applies to the Pro Pen 3, Pro Pen 2, Pro Pen 3D & Pro Pen Slim pens.</p> </div>
Tablet Light Brightness	If this applies to your device, move the slider to adjust the brightness level or to turn off status LEDs and active area markers.
Pressure Compatibility	Select this option if the applications you are working with only support 1024 pen pressure levels.
Disable All Tablet Buttons	Click this button to disable all ExpressKeys™, Touch Rings, Rocker Rings, and Touch Strips.
Predefined Application Settings	Enabled only if you deleted automatically-assigned settings for an application. Click the Restore button to restore the settings assigned by the application.
Use long press for Cintiq Pro Touch Keys	Select this option if you want a "long press" to activate your Touch Keys to help you avoid unintentional swipes or brushes of the Touch Keys.
Show wireless tablet battery	Select if you want to display the battery status icon in your system tray during wireless operation. Only applies to devices that support wireless.

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Wacom Center

Wacom Center provides you with an easy, intuitive way to access your Wacom device and settings. [Open Wacom Center](#) to:

- Create On-screen shortcuts (formerly On-Screen Controls)
- Create and edit your Wacom ID
- Register your device
- Access software trials
- Update the Wacom driver and tablet firmware
- Backup and restore your device settings
- Access User Help and video tutorials
- Access support and Important Product Information for your device

Topics on this page:

- [The Wacom Center main screen](#)
- [Get to know Wacom Center](#)

The Wacom Center main screen

The Wacom Center main screen will vary, depending on your device.

For devices that you can customize directly in Wacom Center, your main screen will look similar to the image below.



For devices that you can customize in Wacom Tablet Properties, Wacom Center provides settings links (Pen settings, ExpressKey settings, etc.) for easy access to Wacom Tablet Properties. The Wacom Center main screen for these devices will look similar to the image below.



① Hover your mouse over features in the interface to learn helpful information.
The above screenshot is for descriptive purposes; it may not match your screen.

Get to know Wacom Center

To learn about the different sections of Wacom Center, click on one of the following links, or on a highlighted section of the screen shot below.

- [Navigation bar](#) (green highlight)
- [Devices sidebar](#) (blue highlight)
- [Main content area](#) (yellow highlight)
- [Quick help bar](#) (purple highlight)
- [Action sidebar](#) (not pictured)








① Hover your mouse over features in the interface to learn helpful information.
The above screenshot is for illustrative purposes; it may not match your screen.


Navigation bar

The Navigation bar is located at the top of Wacom Center and contains the features described in the table below.



The above screenshot is for illustrative purposes, it may not match your screen.

Forward & Back buttons	The Forward → and Back ← buttons move you forward one page or return you to the previous page within Wacom Center.
Devices	Select Devices in the navigation bar to display a list of your connected devices in the Devices sidebar .
On-screen shortcuts	<p>Select On-screen shortcuts in the navigation bar to create and/or edit Radial menus, Grid panels, and – on some devices – Pen gestures.</p> <div>  Note: "On-Screen Controls" are now On-screen shortcuts. </div>
Profile settings	<p>Click the Profile  icon to access the following tabs:</p> <ul style="list-style-type: none"> • Wacom ID: Create your Wacom ID to register your device, gain access to any available software offers, and more. • Device manager: This tab displays all of your connected devices and pens. From this tab you can register any device that is not currently registered. Click the Edit link to give your device or pen a custom name, or reset all of your settings to the factory defaults. • Redeem software: Log in with your Wacom ID to view, download, and redeem any available software offers. <div>  Note: A notification symbol will display next to the Profile icon if an action is required or information is available on any of the Profile tabs. </div>
Global settings	<p>Click the Global settings  icon to access the following tabs:</p> <ul style="list-style-type: none"> • General settings: Update your Wacom driver and tablet firmware, turn on/off the Quick help bar, set whether Wacom Center automatically starts when you turn on your computer, or run troubleshooting options. • Backup & restore: Create backup files and restore your device settings. <div>  Note: A notification symbol will display next to the Global settings icon if a </div>

	Wacom driver or tablet firmware update is available on the General setting tab.
Help & support	Click the Help & support  icon to access links to User Help, tutorials, Important Product Information, customer support, and Wacom's social media sites. You can also perform a Wacom driver check, report a bug, and find your Wacom Center version number.

Devices sidebar

The Devices sidebar is located on the left side of Wacom Center and lists each device that is currently connected to your computer. To add a new device to this list, connect the device to your computer.

For some devices, you can click the drop-down arrow next to the device name in the Devices sidebar to open the device's customizable components (Pen, ExpressKeys, Touch & gestures, etc.). Click on a component to customize it in the [main content area](#).



The above screenshot is for illustrative purposes; it may not match your screen.

For other devices, when you select your device in the Devices sidebar, settings links (Pen settings, ExpressKey settings, etc.) will display in the [main content area](#). Click on a settings link to open it for customizing in Wacom Tablet Properties.

Main content area

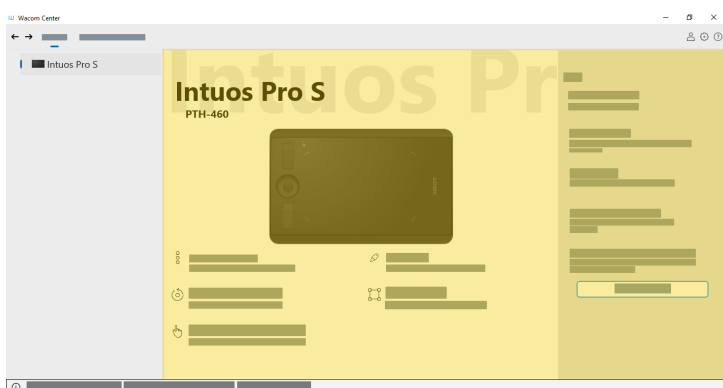
The main content area is located in the center of Wacom Center and is where you can either customize your device settings (A) or access your device settings (B).

- A. Customize your device in the main content area when you select a customizable component (Pen, ExpressKeys, etc.) in the [Devices sidebar](#). The component and the Application-specific settings feature will open in the main content area, where you can make all your customizations:




The above screenshot is for illustrative purposes; it may not match your screen.

- B. Access your device's settings links (Pen settings, ExpressKey settings, etc.) and Help resources in the main content area when you select a device name in the [Devices sidebar](#). Click a settings link to open Wacom Tablet Properties, where you can make all your customizations.



The above screenshot is for illustrative purposes; it may not match your screen.

Quick help bar

The Quick help bar  is located at the bottom of Wacom Center. When you hover over a feature, text displays in the Quick help bar describing that feature. You can turn the Quick help bar on or off in the [Global settings](#) section.



The above screenshot is for illustrative purposes; it may not match your screen.




Note: On macOS, the Quick help bar content will display as a Tooltip next to the feature you hover over.

Action sidebar

The Action sidebar opens when you click on a customizable component (On-screen shortcut key, pen button, ExpressKey, etc.). The Action sidebar is organized so that Recommended actions are displayed at the top. The Recommended actions list changes, based on your product and the feature you are customizing.

Click a drop-down arrow next to a category name (Clicks, Keyboard, etc.) to open the actions available within that category. Select an action from the list to assign it to a customizable feature. Press the **Esc** key or click in a blank area of Wacom Center to close the Action sidebar.

Click the Settings view  icon at the top of the Action sidebar to display the current settings for the ExpressKeys™, Rocker Ring, Touch Ring, Center or Home button, Touch Strips, Touch on/off, and the pen. Your Settings view display will vary, depending on the features available on your device.



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Open Wacom Center

In [Wacom Center](#), you can access your device and tool settings (Pen, ExpressKeys, etc.). How you open Wacom Center depends on your computer operating system.

- **Windows:** From your applications list, select **Wacom Tablet > Wacom Center**.
- **Mac:** From the Applications folder, open the **Wacom Tablet** folder then double-click the **Wacom Center** icon. Or, open Wacom Center from **Launchpad**.



Note: Wacom Center is not supported on Windows 7, 8, or 8.1.

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Access and customize your device

Selecting **Devices** in Wacom Center's navigation bar will display the supported Wacom device(s) connected to your computer in the Devices sidebar. Selecting a device name in the Devices sidebar allows you to access helpful information about your device. It is also the first step in the process of customizing your device.

Topics on this page:


- [Access information about your device](#)
- [Customize your device settings](#)
- [View your device's serial number](#)
- [Run the setup wizard](#)



① Hover your mouse over features in the interface to learn helpful information.

The above screenshot is for descriptive purposes; it may not match your screen.

Access information about your device

1. [Open Wacom Center.](#)
2. Select your device in the Devices sidebar.
3. You can access information for the selected device from two different areas in Wacom Center:
 - A. The **Help** section on the right side of the main content area, which contains links to: help to you get started with your device, Tutorials, User Help, instructions on how to connect your device to your computer, instructions on how to connect via Bluetooth (if applicable to your device), and Important Product Information.
 - B. The Help & support  icon in the navigation bar, where you can access:
 - **User Help:** Opens the online User Help for your device.
 - **Tutorials:** Opens Wacom's YouTube channel in your browser. Provides access to getting started videos and other helpful videos on a variety of features.
 - **Important Product Information:** Online product information for your device, including Product Specifications as well as License and Warranties.
 - **Support or Contact:** Opens Wacom's Customer support page.
 - **Send feedback:** Allows you to send feedback to Wacom about this application, including bug reports.
 - **Driver check:** Click this button if you notice unusual behavior with your device and want to check for any driver errors.
 - **About:** Click this button to view the driver version you are currently using. You can also link to Wacom's Tablet Driver Privacy Notice.

- **Social media links:** (differ by region) Wacom's social media or blog sites.

Customize your device settings

1. [Open Wacom Center](#).
2. Select your device in the Devices sidebar.
3. In the main content area, select the setting you wish to customize:



Note: The features you can customize will vary, depending on your device.

- **Pen settings:** Customize how your pen operates, including pen button click behavior, tip feel and tilt sensitivity (depending on your pen).
 - **Pen calibration:** Calibrate the alignment between pen and screen cursor.
 - **ExpressKey settings:** If your Wacom device has ExpressKeys™, you can customize the button functions.
 - **Rocker ring settings:** If your Wacom device has a Rocker ring, you can assign the positions of the Rocker ring and center button to various settings, menu and keystroke defaults.
 - **Touch ring settings:** If your Wacom device has a Touch ring, you can customize the action performed by the Touch ring.
 - **Touch strip settings:** If your Wacom device has a Touch strip, you can customize the Touch strip functions.
 - **Display settings:** Customize color and other settings for your display device.
 - **Touch & gesture settings:** If your Wacom device has touch, you can customize touch gestures and other touch functionality.
 - **Mapping settings:** Customize how the surface of your device maps to your monitors.
 - **Display toggle settings:** Control how your pen cursor moves across all connected display screen.
4. You will proceed to the applicable tab in Wacom Tablet Properties. Click the down arrow next to any customizable component (Pen button, ExpressKey, etc.) and select the [action that you want to assign](#).

View your device's serial number

1. [Open Wacom Tablet Properties](#).
2. At the bottom of the Wacom Tablet Properties screen, click the **About** button.
3. Click the **Diagnose...** button.
4. Your device's serial number will be listed in the **Tablet S/N** field.

Run the setup wizard

The Setup Wizard runs automatically when you first install your device. You can run it at any time from Wacom Center to view helpful features about the selected device, as well as register your device.



Note: Not all tablets have a Setup Wizard.

1. [Open Wacom Center](#).
2. Select your device in the Devices sidebar.
3. In the main content area, click the **Run setup wizard** button (if available) and follow the prompts.

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Store and retrieve your settings

The **Backup & restore** tab in Wacom Center allows you to backup and restore your device settings. You can also reset all device settings to their factory defaults.

Topics on this page:

- [Back up your settings](#)
- [Restore your settings](#)
- [Reset all settings for all devices](#)

Back up your settings

1. [Open Wacom Center](#)
2. Click the Global settings  icon.
3. Select the **Backup & restore** tab.
4. Click the **New backup** button to proceed to the New backup window.
5. Enter a **Name** for your backup, then click the **Save** button.




Tip: To edit the backup file name, click the pen icon. To delete a backup file, click the trash icon.

Restore your settings

A list of your saved backup files displays on the **Backup & restore** screen. The backup files are sorted by their creation date.




Tip: If you don't see your backup file in the list, click the **Import backup** button to find it.

1. [Open Wacom Center](#)
2. Click the Global settings  icon.
3. Select the **Backup & restore** tab.
4. In the Actions column, click **Restore** next to the backup file you wish to restore.
5. The settings from the backup file will be applied to all devices.

Reset all settings for all devices



Important: When you reset all settings, **all** devices will have their settings returned to the factory defaults (whether the devices are currently connected to your computer or not).

1. [Open Wacom Center](#)
2. Click the Global settings  icon.

3. On the General settings tab, click the **Reset all settings** button.
4. All settings for all devices will be returned to their factory defaults.

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Register your device and redeem software

Use the steps below to create a new – or sign into an existing – Wacom ID account. With your Wacom ID account you can register your device, as well as gain access to software offers.

Topics on this page:

- [Sign in, sign up for, or edit your Wacom ID](#)
- [Register your Wacom device](#)
- [Redeem software offers](#)


Sign in, sign up, or edit your Wacom ID

1. [Open Wacom Center](#).
2. Click the Profile  icon. You will proceed to the Wacom ID tab.
3. If you already have a Wacom ID, click the **Sign in** button, then enter your **Email** and **Password** and click the **Sign in** button to log in.

If you do not have a Wacom ID, click the **Sign up** button and create your profile.

4. Click the **Edit** button to edit your Wacom ID information.

Register your Wacom device

1. [Open Wacom Center](#).
2. Click the Profile  icon.
3. Select the **Devices manager** tab.



Tip: A notification symbol will display on the Devices manager tab if you have a connected device that isn't registered yet.

4. Click the **Register** button next to any device that is not already registered. Follow the instructions that display.

Redeem software offers

Once you have created a Wacom ID and registered your device, you can access any software offers that may be available for your Wacom device.

1. [Open Wacom Center](#).
2. Click the Profile  icon.



Tip: A notification symbol will display next to the Profile icon if you are logged into your Wacom ID and there is free, bundled software available for your device.

3. On the Software offers tab, click the **Redeem** button to claim the offer.
4. Click **Download** or **Open**, depending on the offer.

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Keep everything up to date

Wacom occasionally releases Wacom driver and tablet firmware updates for your Wacom supported device(s).



Tip: A notification symbol will display next to the Global settings icon in the Wacom Center navigation bar to alert you when new updates are available.

Updating your tablet

1. [Open Wacom Center](#).
2. Click the Global settings  icon to proceed to the General settings tab.
3. In the Software updates section, click the **Install update** button next to the Wacom driver or tablet firmware update.
4. An installation wizard will guide you through the update process.

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Solve common problems and get help


In Wacom Center you can check driver functions, view diagnostic data, enable driver logging to assist Wacom Support with troubleshooting, and access the Wacom Support site.

Topics on this page:

- [Check the driver](#)
- [Run diagnostics for your device](#)
- [Turn on driver logging](#)
- [Access Wacom Support](#)

Check the driver

Checking the driver checks the driver functions and conducts simple troubleshooting, allowing you to restart the driver, reset your device to its default settings, or contact Wacom Support.

1. [Open Wacom Center](#)
2. Click the Global settings  icon in the navigation bar.
3. Scroll down to **Troubleshooting options** and click **Driver check**.
4. After the driver check is complete, you can restart the driver, reset the driver settings, contact [Wacom Support](#), or click **Done**.


Run diagnostics

Running diagnostics provides an overview of the status of your driver, device, touch (if applicable), and pen.

1. [Open Wacom Center](#)
2. Select your device in the Devices sidebar.
3. In the main content area, click **<< Advanced**.
4. Click the down-arrow next to **Diagnostics** in the Advanced settings sidebar.
5. Refer to the topics under **Wacom Support** in this User Help's Table of Contents for more detailed information on how to diagnose common problems using the Diagnostic data.


Turn on driver logging

Driver logging is turned off by default. Enabling driver logging can assist Wacom Support when diagnosing issues. This creates anonymous driver log files. To turn on driver logging:

1. [Open Wacom Center](#)
2. Click the Global settings  icon.
3. In the **Troubleshooting** section, switch the Driver logging button to "On".
4. You can optionally select **Package log files** if you need the files compressed to send to Wacom.
5. After you have the information Wacom Support requires for debugging, switch the **Driver logging** button back to "Off".

Access Wacom Support

Access Wacom Support to view FAQs, online tutorials, and contact Wacom Support.

1. [Open Wacom Center](#)
2. Click the Help  icon.
3. Click **Support**.
4. You will proceed to the [Wacom Support](#) page in your browser.

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Open Wacom Tablet Properties

For devices supported by Wacom Tablet Properties, you can use the application to customize your device and tool settings (pen, ExpressKeys, etc.).

How you open Wacom Tablet Properties depends on your computer operating system:

- **Windows:** From your application list, select **Wacom Tablet > Wacom Tablet Properties**.
- **Mac:** From **System Preferences**, click on the **Wacom Tablet** icon.



Tip: On Windows 10, Windows 11, and macOS, you can open Wacom Tablet Properties by opening [Wacom Center](#), selecting your device in the Devices sidebar, then selecting a settings link (Pen settings, ExpressKey settings, etc.).

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Use On-screen shortcuts

On-screen shortcuts include [Grid panels](#), [Radial menus](#), and [Pen gestures](#). Grid panels and Radial menus are palettes that display on your pen display or your computer's monitor. Pen gestures allow you to customize left, right, up, or down pen movements to perform particular [actions](#). All On-screen shortcuts can be used to access actions you frequently use, such as undo, redo, zoom, and more.



Note: Pen gestures are only available on select devices.

Topics on this page

- [Create and use Grid panels and Radial menus](#)
- [Create and use Pen gestures](#)

Create and use Grid panels and Radial menus

1. [Create your Grid panel or Radial menu.](#)
2. [Customize the Grid panel or Radial menu keys.](#)
3. [Assign the Grid panel or Radial menu](#) to a customizable component of your device, such as an ExpressKey or pen button.
4. Launch the Grid panel or Radial menu by pressing the pen button, ExpressKey, or other customizable component you assigned.
5. Click one of the Grid panel or Radial menu keys to activate its assigned setting.

Create and use Pen gestures



Note: Pen gestures are only available on select devices.

1. [Create your Pen gesture.](#)
2. [Customize the Pen gesture movements.](#)
3. [Assign the Pen gesture](#) to a pen button or an ExpressKey.
4. Activate the assigned Pen gesture setting by holding down the pen button or ExpressKey and moving the pen tip up, down, left, or right on your device.

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Create On-screen shortcuts

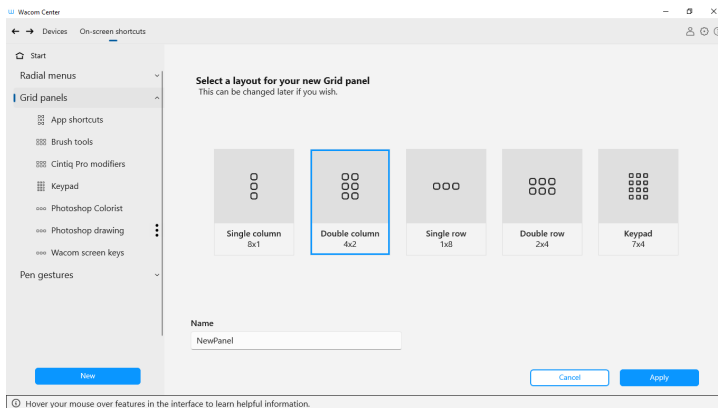
The following instructions describe how to create a Grid panel, Radial menu, or Pen gesture. After you create a new On-screen shortcut (or [copy an existing one](#)), you can customize its settings (see the last step, below).



Important: Radial menus and Grid panels can be assigned to any device that displays in Wacom Center. Pen gestures can only be assigned to select devices.

Create an On-screen shortcut

1. [Open Wacom Center](#).
2. Select **On-screen shortcuts** in the navigation bar.
3. In the On-screen shortcuts sidebar, click the **New** button.
4. Select **New Radial menu**, **New Grid panel**, or **New Pen gesture**.
5. Select a **Layout** and enter a **Name**.



6. Click the **Apply** button to create your new Radial menu, Grid panel, or Pen gesture. You will proceed to the On-screen shortcut definition page, where you can [Customize your Radial menu or Grid panel keys](#), or [Customize your Pen gesture movements](#).

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Customize Grid panel and Radial menu keys

After you [Create your On-screen shortcuts](#), you can customize the settings for your Grid panel and Radial menu keys.



Note: You must assign an action to at least one key. For key(s) that you do not want to use, select **Disabled**.

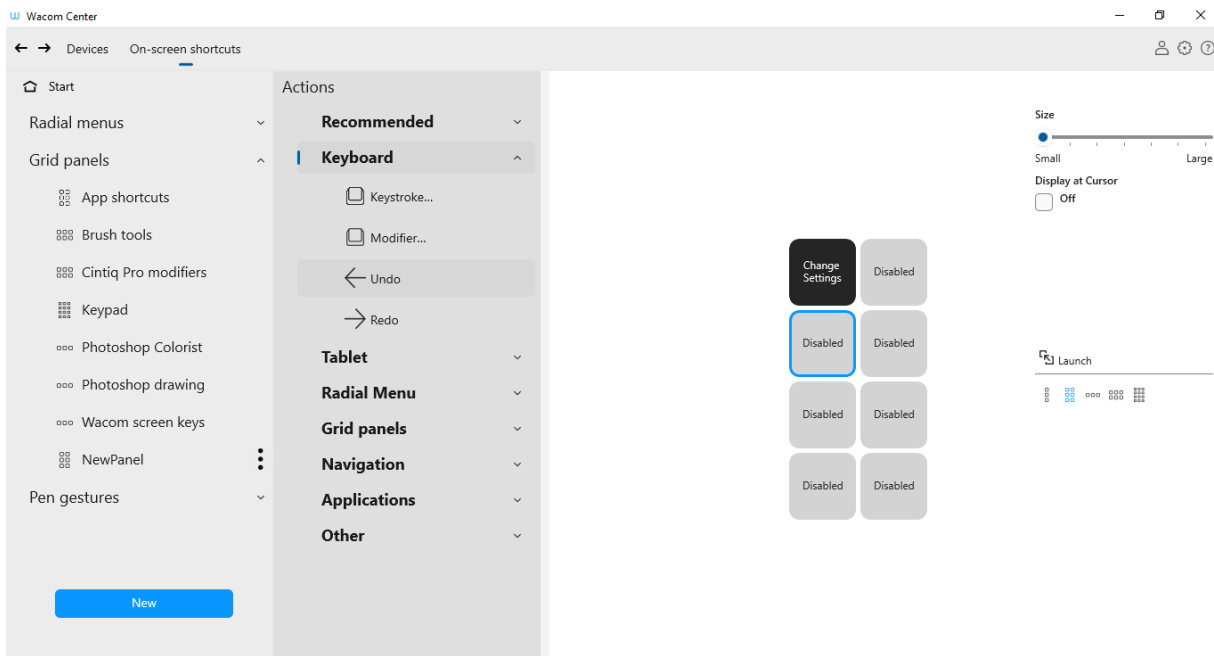


Note: To customize Pen gestures (available on select devices), see [Customize Pen gesture settings](#)

1. [Open Wacom Center](#).
2. In the navigation bar, click **On-screen shortcuts**.
3. In the On-screen shortcuts sidebar, select the name of the **Grid panel** or **Radial menu** you wish to customize.
4. Click on the Grid panel or Radial menu key and select the action that you wish to assign from the Action sidebar. Repeat for each key.



Note: You can optionally select the **Repeat** box if you want the setting to repeat when you click and hold the Radial menu or Grid panel key.



① Hover your mouse over features in the interface to learn helpful information.
The above screenshot is for descriptive purposes; it may not match your screen.

5. If you select **Keyboard shortcut**, you are prompted to add a **Keys combination** (Ctrl+Z, for example) or **Add special keys** (pre-configured key combinations such as Alt+Tab). Enter a **Name** for the keyboard shortcut and click **Apply**.
6. You can optionally change the following settings:
 - **Size:** Move the slider to change the size of the On-screen shortcut when it appears on your screen.
 - **Display at Cursor:** Slide the button to "On" if you want the On-screen shortcuts to appear next to your

cursor when you open it. If you turn this setting off, the On-screen shortcut will appear in the same location every time you open it.

7. [Assign your On-screen shortcut](#) to a customizable component, such as a pen button or ExpressKey.



Important: Assigning your On-screen shortcut to a customizable component is required in order to open your Grid panel or Radial menu.

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Customize Pen gesture movements

After you [Create your Pen gesture](#), you can customize the Pen gesture by assigning keyboard shortcuts (undo, redo, increase/decrease brush size, etc.) to left, right, up, or down Pen gesture movements.



Note: For the default Pen gestures that come installed with Wacom Center, you can only modify their **Speed**. See this [Tip](#) for information about the Pan/Scroll speed setting.

1. [Open Wacom Center](#).
2. Select **On-screen shortcuts** from the navigation bar.
3. In the On-screen shortcuts sidebar, select the name of the user-created **Pen gesture** that you want to customize.



Note: Only Pen gestures that you create can be customized.

4. Click the vertical or horizontal axis that you wish to customize. The Action sidebar will open.



Tip: You can also click "Unassigned" or on the assigned setting name to open the Action sidebar.

5. Select **Keyboard shortcut** to open the "Assign keystroke to Pen gesture" window:
 - Add a keystroke (Ctrl, for example) or keystroke combination (Ctrl+Z, for example) for the Pen's **Upward motion**, **Downward motion**, **Rightward motion**, or **Leftward motion**, depending on the Pen gesture direction you are customizing.
 - You have the option to **Add special keys** (pre-configured key combinations, such as Alt+Tab).
 - Enter a **Name** to identify the Pen gesture's keyboard shortcut (Undo, for example).
6. Repeat for each direction that applies to your Pen gesture.



Tip: Optionally set complementary behaviors for opposite Pen gesture directions. For example: set the leftward Pen gesture to **Undo** and the rightward to **Redo**.

7. [Assign your pen gesture](#) to a pen button or ExpressKey.



Important: Assigning your Pen gesture to a pen button or ExpressKey is required in order to use your Pen gesture.



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Assign On-screen shortcuts

After you [Create an On-screen shortcut](#) and [Customize Radial menu and Grid panel settings](#) or [Customize Pen gesture settings](#), you can assign the On-screen shortcut to one of your device's customizable components (pen button, ExpressKey, etc.).



Important: Assigning a Grid panel, Radial menu or Pen gesture to a customizable component is required in order use it.

The examples below illustrate the steps required to assign specific On-screen shortcuts to an ExpressKey and a pen button. You can use these examples as a guide to make your own On-screen shortcut assignments.


Topics on this page:

- [Example: Assign a Radial menu to an ExpressKey](#)
- [Example: Assign a Pen gesture to a pen button](#)

Example: Assign a Radial menu to an ExpressKey

1. [Open Wacom Center](#)
2. Select your device in the Devices sidebar.
3. Depending on your device:
 - Select **ExpressKeys** from the Devices sidebar, then click the currently assigned action. In the Actions sidebar, select the **Radial menu** name you wish to assign.
 - Or, select **ExpressKey settings** from the main content area to proceed to **Wacom Tablet Properties**. Click a drop-down arrow next to an ExpressKey. Select **On-screen shortcuts**, then choose the Radial menu name you wish to assign.
4. Press the ExpressKey. The Radial menu displays on your pen display or your computer's monitor.
5. Click a Radial menu key to activate its assigned setting.



Tip: After launching a Grid panel or Radial menu, you can select the push pin  icon to keep the Radial menu or Grid panel open at all times.

Example: Assign a Pen gesture to a pen button

The example below illustrates how to assign a Pen gesture to a pen button. You can use these steps as a guide to assign a Pen gesture to an ExpressKey.



Note: Pen gestures are only available on select devices.

1. [Open Wacom Center](#)
2. Select the device you use your pen with in the Devices sidebar, then select your pen.
3. Click the currently assigned action next to a pen button.
4. In the Actions sidebar, select the **Pen gesture** name you wish to assign to the pen button.

5. Press the pen button while moving your pen tip up, down, left, or right on your device to perform the assigned setting.

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On-screen shortcut layouts

Sample layouts for Grid panels, a Radial menu, and Pen gestures are pictured below.

Topics on this page:

- [Grid panel layouts](#)
- [The Radial menu layout](#)
- [Pen gesture layouts](#)

Grid panel layouts

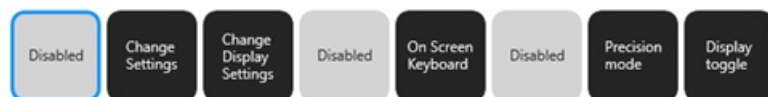


Note: You can change the layout of one Grid panel to another Grid panel. See [Change a Grid panel layout](#) for more information.

A one column Grid panel:



A one row Grid panel:



A Keypad Grid panel (similar to the keyboard keypad that displays on your computer monitor):



The Radial menu layout



Pen gesture layouts



Note: Pen gestures are only available on select devices.

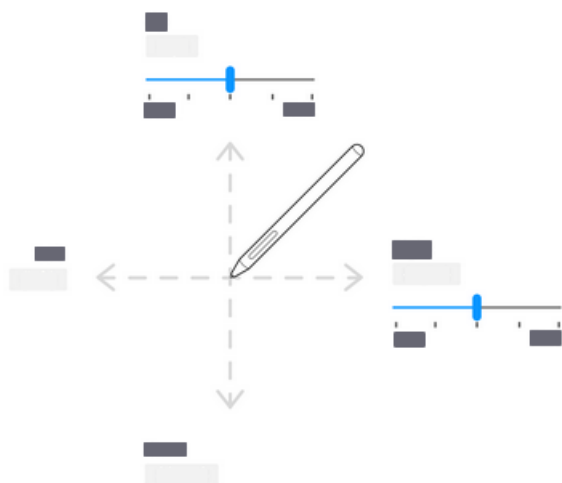
The Pan/Scroll Pen gesture (comes installed with Wacom Center):



A user-created Pen gesture:



Note: When you create a Pen gesture, you can assign actions to both the horizontal and vertical axes, or just the vertical or horizontal axis.



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Edit On-screen shortcuts

Use these steps to copy, rename, or delete On-screen shortcuts.



Note: Only user-created Pen gestures and the **Arrows** Pen gesture can be copied, renamed, or deleted.

Topics on this page:

- [Copy an On-screen shortcut](#)
- [Rename an On-screen shortcut](#)
- [Delete an On-screen shortcut](#)
- [Change a Grid panel layout](#)

Copy an On-screen shortcut

1. [Open Wacom Center](#).
2. Select **On-screen shortcuts** from the navigation bar.
3. In the On-screen shortcuts sidebar, hover over the shortcut name you want to copy and click the 3-dot icon.
4. Select **Duplicate**.

Rename an On-screen shortcut

1. [Open Wacom Center](#).
2. Select **On-screen shortcuts** from the navigation bar.
3. In the On-screen shortcuts sidebar, hover over the shortcut name you want to rename and click the 3-dot icon.
4. Select **Rename**.
5. Edit the name in the pop-up window and click **OK**.

Delete an On-screen shortcut

1. [Open Wacom Center](#).
2. Select **On-screen shortcuts** from the navigation bar.
3. In the On-screen shortcut sidebar, hover over the shortcut name you want to delete and click the 3-dot icon.
4. Select **Delete**.

Change a Grid panel layout

Layout changes are only available for switching one Grid panel layout to another Grid panel layout (for example: switching from Keypad to Double column 4x2).

1. [Open Wacom Center](#).
2. Select **On-screen shortcuts** from the navigation bar.
3. In the On-screen shortcuts sidebar, select the Grid panel you want to change.
4. In the main content area, under **Change layout**, select a new layout for the Grid panel and click **OK**.



Tip: If you switch from a larger to a smaller Grid panel (28 to 8 keys, for example), the first eight settings will transfer to the smaller Grid panel. If you switch back, all your original settings will still be present.

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Application-specific settings

Settings assigned to customizable components can be further customized for a specific application. This makes performing actions in the application faster and easier.



Tip: Customizable components that you can create application-specific settings for include ExpressKeys™, pen buttons, the pen tip, Touch Rings, Rocker Rings, On-screen shortcuts, touch gestures, and Touch Strips, depending on your device.

The Application list in Wacom Tablet Properties enables you to add individual applications, and then tailor your customizable component settings for that application. For example, if you select an application icon and change the pen settings, the changes will apply to the pen only while you are using that application.

Application-specific settings can be used with all Wacom pen tablets and pen displays, and with the ExpressKey Remote device.



Note: When application-specific settings are added, the **All** icon changes to **All Other** and an application icon is displayed for the newly added application(s).

Topics on this page:

- [Create an application-specific setting](#)
- [Remove an application-specific setting](#)

Create an application-specific setting

1. [Open Wacom Center](#).
2. Select your device in the Devices sidebar.
3. In the main content area, select the settings for which you want to create an application-specific setting. You will proceed to Wacom Tablet Properties.
4. In the **Application** list, click the **+** button.
5. In the **Currently Open Applications** box, select an application for which you wish to create custom settings, or browse to select the executable file of any application installed on your computer.
6. Click **OK**.
7. With the newly added application icon selected in the **Application** list, create your settings for the selected **Tool**.



Note: After adding an application, its icon appears in the Application list whenever the associated tool is selected in the **Tool** list.

Remove an application-specific setting

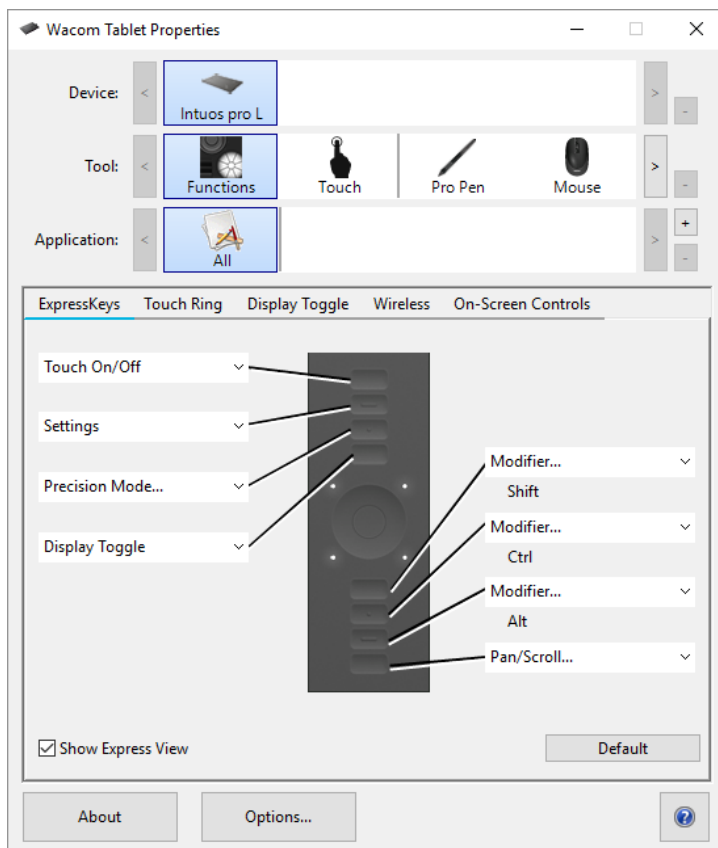


Important: This method cannot be used to remove all application-specific settings from **Functions** tools (ExpressKeys, Touch Rings, etc.).

1. [Open Wacom Center](#).
2. Select your device in the Devices sidebar.
3. In the main content area, click the tool settings for which you wish to remove the application-specific settings.
4. In the Application list in Wacom Tablet Properties, select the application you want to remove.
5. Click the **Application** list - button.
6. Click **Delete** to confirm your selection. The selected application is removed from the list, along with any custom tool settings.
7. To remove **all** application-specific settings from a tool, select the tool in the Tool list, then clicking the - button. Next, place the tool back on the tablet. The tool will be added back to the Tool list with its default settings.



Note: If two programs have the same executable file name, they will share the same customized settings.



The above screenshot is for descriptive purposes; it may not match your screen.

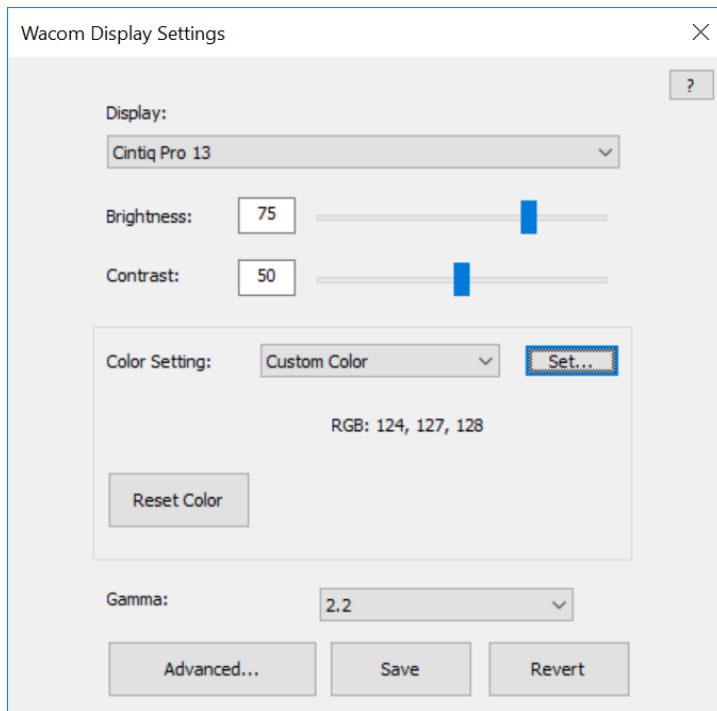
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Customize Wacom Display Settings

The Display Settings utility allows you to customize pen display settings.

Open Display Settings

1. [Open Wacom Center](#).
2. Select your device in the Devices sidebar.
3. Select **Display Settings** in the main content area. You will proceed to Wacom Display Settings application.
4. Select the **Display** to be customized from the drop-down menu.
5. Adjust the brightness and contrast as needed.
6. Select a **Color Setting** if you would like a particular type of display for your work. In the **Color Setting** menu:
 - Select **Color Temperature** to make Color Temperature and Gamma options available.
 - Select **Color Space** to make Color Space and Gamma options available.
 - Select **Custom Color** and click Set button to open the [Set Color dialog](#).
7. Click the **Reset Color** button to reset your color settings to factory defaults.
8. Click the **Advanced** button for additional settings for your display.
9. Click the **Save** button to save the current settings in the dialog.
10. Click the **Revert** button to undo any changes since the last Save, or since the display settings were started if a Save has not been done. Settings revert to that previous point.



The above screenshot is for descriptive purposes; it may not match your screen.



Note: Not all setting options may be available on your pen display.

Wacom Display Settings - Set Color

The Set Color dialog of the Wacom Display Settings utility allows you to further customize pen display settings. To open the dialog, choose Custom Color from the **Color Setting** menu in the main [Display settings](#) dialog.

If supported by your device, you can also adjust the following color qualities:

- **Attribute:** Sets the sliders for RGB or CYMK color for the following attributes:
 - Hue: The overall appearance of a particular color, without changes to brightness or saturation.
 - Saturation: The depth of a color.
 - Gain: The range of a color.
 - Offset: The brightness of a color.

The Set Color dialog provides sliders for adjusting individual RGB and CYMK colors. You can also enter the hex value of a particular color and then adjust it with the sliders.

Set Color

Attribute: Gain

R: 124

G: 127

B: 128

Hex: 7C7F80

C: 0.031

M: 0.007

Y: 0.000

K: 0.498

OK Cancel

The above screenshot is for descriptive purposes; it may not match your screen.

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Customize advanced Wacom Display Settings

Click **Advanced** on the [Wacom Display Settings](#) screen to customize advanced display settings such as aspect ratio, sharpness, and more.



Note: The features that display on the Advanced screen will vary, depending on the model of your pen display. All available features are described in the table below and are listed in alphabetical order.


Aspect Ratio	<p>Changes the way the screen displays the ratio of width to height. From the drop-down menu, select:</p> <ul style="list-style-type: none"> • Full to fill the entire screen. • Aspect to fill as much of the screen as possible while maintaining the correct aspect ratio. • 1:1 to display a 1:1 screen aspect ratio.
Auto Power Down	<p>The default setting is On so that your pen display automatically powers off if you do not interact with it for over 120 minutes.</p>
Battery Mode	<p>Available on certain Mobile Studio Pro models only. This setting allows you to set the maximum battery charge level. The options are:</p> <ul style="list-style-type: none"> • Mobile: charges battery to maximum: Recommended if you regularly use your Mobile Studio Pro on battery power and require maximum battery charge. • Desktop: maximizes battery life span: Highly recommended if your Mobile Studio Pro is typically plugged into a power source.
Dynamic Contrast	<p>Click On if you want your screen to automatically adjust to maintain a constant contrast.</p>
Energy Smart	<p>Click On if you want your pen display to sleep if you do not interact with it for more than a few minutes.</p>
Factory Reset	<p>Click this button to return the display settings to their defaults.</p> <p>Tip: If you change display settings and your screen becomes too dark to see the Factory Reset button, you can press CTRL + ALT + R on your keyboard to reset display settings to their defaults.</p>
Fan Speed	<p>The default setting is Auto, which self-adjusts the fan speed depending on the internal temperature of your device. Select Low if you want the fan to run continuously at low speed.</p>
Firmware Version	<p>Displays the current firmware installed on your device.</p>
LCD Conditioning	<p>Click Start to automatically adjust the display so that instances of color do not remain on the screen for long periods of time. This prevents image persistence.</p>
Power LED	

Brightness	Allows you to adjust the power button LED brightness.
Sharpness	Move the slider to the right for a sharper display; move the slider to the left for a softer display.
Uniformity Compensation	Turn On to automatically adjust different areas of the screen with respect to the center. This results in uniform brightness and color over the entire screen.
Wacom Display Settings Version	Displays the current version of the display software.

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Wacom Support

If you encounter an issue with your pen, pen tablet or pen display, perform the recommended action in any error message that appears on your screen. If that does not resolve the issue, try the following:

1. [Open Wacom Center](#).
2. In the navigation bar, click the Global settings  icon.
3. Under **Troubleshooting Options**, click **Driver check** to evaluate driver function and run simple troubleshooting, if necessary.
4. Review the Quick Start Guide included with your product to make sure the tablet is set up correctly and that all plugs and connectors are firmly in place.
5. Check the User Help for information regarding the issue.
6. Visit [Wacom Support](#) and search for a topic using the search bar, or select any of the topic category cards to access Frequently Asked Questions.
7. Visit Wacom's [Product Resources](#) page to see if a new driver is available and install it.
8. Run diagnostic tests on your device and tools.



Tip: Diagnostic test instructions can be found under **Wacom Support** in this User Help's Table of Contents.

If you tried these suggestions and still have an issue, contact [Wacom Support](#). Please be near your computer with the following information available:

- The make and model of your computer and the version of your operating system.
- Which devices were connected to your computer when the issue occurred.
- The name and version of the software application that you were using when the issue occurred.
- What happened and what you were doing when the issue occurred.
- The exact wording of any error messages that appeared on your screen.
- How you tried to solve the problem.

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Test the creative pen display

After you have connected your pen display to your computer and installed the driver, if nothing appears on the pen display or the pen does not move the cursor, check the connections and tools listed in the steps below.

If nothing appears on the pen display after you have connected it to your computer and installed the driver, check the following connections and elements.

1. Turn on your computer and wait until it is ready to use.
2. Verify that any power, data, and video cables are properly connected, and that their LED status lights are on.
3. If your pen display is connected to your computer, check the USB connection.
 - For best results when troubleshooting no power to the pen display, plug the pen display directly into the USB port on your computer and avoid using an external USB hub (or hub device with USB ports). When the pen display is working properly, you may be able to move the connection back to a USB hub, if applicable.
 - Make sure the USB cable is securely connected to an active USB port on your computer.
 - Check the pen display USB cable for damage.
 - If a status LED does not illuminate after your computer is on and has finished booting up, your USB port may be disabled. Verify that you have connected the pen display to an active USB port.
 - Connect the pen display to a different USB port, or to a USB port on another computer, and see if the problem persists.
4. Test touch, if your pen display supports touch. Attempt to move the screen cursor by tracking your finger across the surface. Then tap to select an item.
 - If touch still refuses to start, run the Wacom driver check using the instructions on the [Wacom Support](#) page. If the diagnostics test is okay and touch gestures still refuse to start, re-install the driver.
5. Check the ExpressKeys™ and Rocker Ring.
6. Check any other tool(s) you may be using.
7. If any of these tests fail, please contact [Wacom Support](#).
8. After testing, you can [customize your device](#) to reconfigure your pen display and tools for any settings you may have been using.

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Test the pen

If your pen does not work as expected, check the assigned settings or reset them to their defaults. Also try the steps outlined on the [Wacom Support](#) page. If you are still having issues, use the diagnostic steps below.



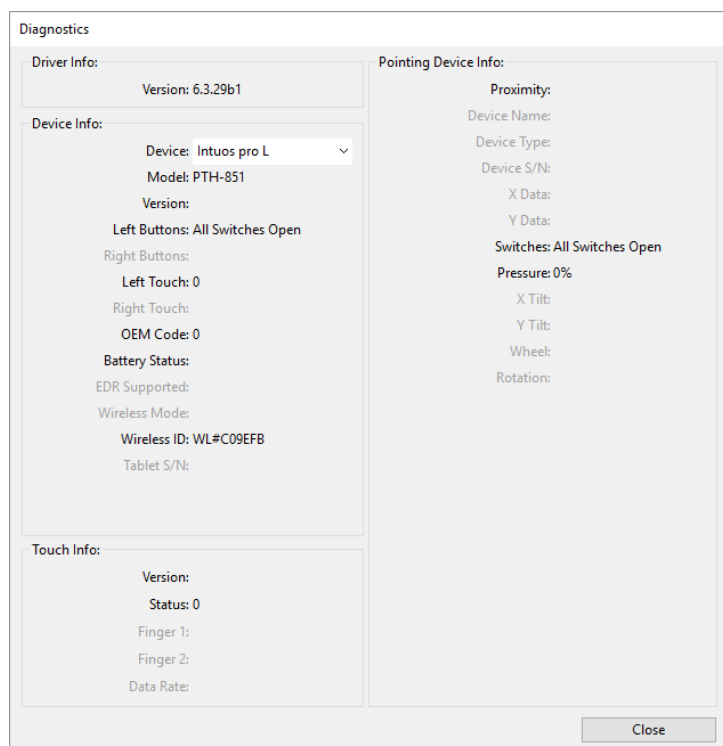
Note: The available features on your pen may vary depending on your device.

Diagnose issues with your pen

1. [Open Wacom Tablet Properties](#).
2. Click the **About** button.
3. In the dialog that appears, click the **Diagnose...** button.



Note: The Diagnostics dialog shows dynamic information about the tablet, your tool(s), and appropriate information for touch-sensitive tablets.



The above screenshot is for descriptive purposes; it may not match your screen.

4. Hold your pen within 10 mm (0.4 inch) of the surface of the device while watching the **Pointing Device Info**. You should see a value appear after **Proximity**, **Device Name**, **Device Type**, and **Device S/N** (serial number).
5. Move the pen along the surface of the device. As you move the pen, the **X Data** and **Y Data** values should change.
6. Press on the surface with the pen tip and then with the eraser. As you are pressing, the **Switches** and **Pressure** values should change from approximately 0% to approximately 100% when you are pressing with full pressure.
7. Press the tip, eraser, and each pen button, one at a time. When you are pressing each pen button, hold the

pen tip slightly above the device surface. As you press each item, the **Switches** number should change to match these numbers:

Pro Pen 2

- Pen eraser = 1
- Pen button = 3
- Pen button = 2
- Pen tip = 1



Pro Pen 3

- Pen button = 4
- Pen button = 3
- Pen button = 2
- Pen tip = 1



Airbrush

- Airbrush tip = 1
- Airbrush pen button = 2
- Airbrush eraser = 1



8. Move the pen from a vertical position toward the right and then toward the left. The **X Tilt** value should change to approximately +60 when you move to the right. The **X Tilt** value should change to approximately -60 when you move to the left.
9. Move the pen from a vertical position toward the bottom of the device and then toward the top of the device. The **Y Tilt** value should change to approximately +60 when you move toward the bottom. The **Y Tilt** value should change to approximately -60 when you move toward the top.
10. If you are testing an Art Pen, place the pen tip on the surface of the device and slowly rotate the pen on its axis. The **Rotation** value should change as you rotate the pen.
11. If you are testing an Airbrush, move the fingerwheel forward and backward. The **Wheel** value should decrease to approximately 0 when the fingerwheel is all the way forward. The **Wheel** value should increase to approximately 1000 when the fingerwheel is all the way backward.

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Glossary

Actions. Include mouse clicks, keyboard shortcuts (Ctrl+Z, etc.), navigation (scroll up or down, etc.), and more. You can assign Actions to customizable components, such as ExpressKeys™, pen buttons, etc. When you engage the customizable component, the Action is performed. For example: pressing a pen button to right-click.

Application-specific settings. Pen tablet tool and tablet settings that have been customized for individual applications. Application-specific settings are in effect whenever you use the application.

Aspect Ratio. The ratio between the vertical and horizontal dimension of the tablet or display.

Bluetooth. A method of wireless communication between devices.

Click force. The amount of force you must apply to the pen tip for a click to occur.

Customizable components. Includes ExpressKey™, pen buttons, the pen tip, Touch Rings, Rocker Rings, On-screen shortcuts, touch gestures, and Touch Strips. The customizable components available to you will vary, depending on your device. You can set a customizable component of your device to perform a specific Action (see above).

Digital Ink. Typically, handwritten content which has been created using a pen on a computer in the form of sketches, ink mark-up, or handwriting. The handwriting can be converted to typewritten text or used in its original format.

Display Toggle. A feature that allows you to work with your tablet on all displays or on one display at a time. Available only on multiple monitor configurations.

Double-click speed. The maximum time that can pass between clicks and still be accepted as a double-click.

Double tap distance. The maximum distance (in screen pixels) that the screen cursor can move between clicks and still be accepted as a double-click. Increasing the double-click distance makes double-clicking easier, but may cause a delay in brush strokes in some graphics applications.

Eraser-aware application. A software application that has built-in support for the pen eraser. These applications take advantage of the eraser in different ways, depending on what makes sense for the application.

Expand. A motion used when navigating with touch. Touch the tablet surface with two fingers spaced closely together, then move your fingers apart.

ExpressKeys™. The customizable component buttons located on your pen tablet.

Fingerwheel. The control wheel on the optional Airbrush.

Grid panel. A rectangular On-screen shortcut.

Modifier. Modifier keys include Shift, Alt, and Ctrl for Windows, or Shift, Control, Command, and Option for Mac. You can customize your tool buttons or ExpressKeys™ to simulate a modifier key.

Nib. The replaceable pen tip.

On-screen shortcuts. Menus that display on your pen display or on your computer's monitor. You can use On-screen shortcuts to access the settings you frequently use.

Pairing. A method of creating a virtual cable (Bluetooth) link between two devices.

Pan. A motion used when navigating with touch. Touch the tablet surface with your fingers and move them in the same direction.

Pen gestures. Allow you to customize left, right, up, or down pen movements to perform particular actions (undo,

redo, scroll, zoom, etc.) while moving your pen tip and pressing a pen button or ExpressKey. Only available on select devices.

Pen holder. A pen storage tool typically attached to your device. Often includes a loop in which you can insert your pen. Is sometimes removable and may contain a nib removal tool and/or extra nibs.

Pen input. A method of controlling a computer using the pen.

Pen stand. A stand-alone pen storage tool in which you can place the pen in an upright position, tip-down.

Pinch. A motion used when navigating with touch. Touch the tablet with two fingers spaced slightly apart, then move or 'pinch' your fingers together on the tablet surface.

Pixel. The smallest unit of measure on your display screen.

Pressure sensitive. A quality of the Wacom pen tip and eraser that senses the amount of pressure being applied. This is used to create natural-looking pen, brush, and eraser strokes in applications that are pressure-sensitive.

Pressure-sensitive application. Any application that supports pressure-sensitive input.

Proximity. The height above the tablet active area where pen detection occurs.

Radial menu. A circular On-screen shortcut.

Rotate. A motion used when navigating with touch. Touch the tablet with two fingers spaced slightly apart and rotate them in a circular fashion, move them in opposing directions, or hold one finger stationary and track your other finger around the stationary finger.

Swipe. A motion used when navigating with touch. Touch the tablet surface with three, four, or five fingers and sweep them quickly across the tablet in the same direction.

Tap. A motion used when navigating with touch. Touch and lift a single finger (or multiple fingers, depending on the gesture) from the tablet.

Tilt-sensitive. A quality of the pen tip and eraser that senses the amount of tilt between the tool and the tablet. This is used to create natural-looking pen, brush, and eraser strokes in applications that are tilt-sensitive.

Tip Double click distance. The maximum distance (in screen pixels) that the screen cursor can move between clicks and still be accepted as a double-click. Increasing the double-click distance makes double-clicking easier, but may cause a delay in brush strokes in some graphics applications.

Touch. A method of interacting with a computer using only your fingers on the tablet. May also be referred to as touch input.

Touch Ring. The customizable control ring located on your pen tablet.

Touch Strips. The customizable control strips located on the back of the Cintiq 22.

Touch sensor. The navigation area of your pen tablet where touch is detected. The touch sensor resides within the active area, and does not accept pen input.

Track. A motion used when navigating with touch. Touch and move a single finger across the tablet surface.

Wacom Link Adapter. Adapter for some creative pen displays on machines without a USB-C port.

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Order parts and accessories

To purchase parts and accessories for your device, go to the [Wacom Store](#).

You may also contact your local dealer, distributor, or [Wacom Support](#) for your region.



Note: Some parts and accessories may not be available in all regions.

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Care for your device

Follow these care and maintenance tips to ensure optimum performance of your device.



Warning: Do not spill liquids onto your device or pen. The devices may fail if exposed to liquids.

- Clean your device using an anti-static cloth or slightly damp cloth and light pressure.



Warning: Do not use alcohol or detergent to clean your device.

- Do not wrap the cables around the device when storing it.
- Replace your pen nibs frequently to avoid scratching the surface with worn pen nibs.
- Avoid extremes in temperature.

Make sure to review the **Important Product Information** for additional safety precautions. You can find it in [Wacom Center](#), or on Wacom's [Product Support](#) page.

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About this document

This document is referred to as User Help. User Help is intended to assist with the setup, features, and advanced use of Wacom devices, including tablets, pens, and accessories.

User Help is an additional resource to the Quick Start Guide, which is included in the box with your Wacom device. The Quick Start Guide will give you the fastest overview of the initial setup or installation process so you can begin using your Wacom device immediately.

Topics on this page:

- [Things to know about User Help](#)
- [Device features in User Help](#)
- [Access User Help](#)

Things to know about User Help

When viewing User Help, there are several callouts to pay special attention to that give you important information regarding using your Wacom device. The following callouts are present in User Help:



Important: This callout provides specific information that may be necessary for the optimal use of your device or information that you should know about your device.



Warning: This callout provides specific information that may be necessary for the safe use of your device, including but not limited to physical safety or the safe management of your files and data, and best-practice measures to ensure your device works properly.



Note: This callout provides general information about the use of your device, including efficiencies and feature details, variations, or limitations. This callout is also used to identify if a feature or action is not available on all devices.



Tip: This callout provides additional information on how to use your device, including shortcuts and helpful recommendations.



The User Help also contains links to other helpful or relevant information. Clicking on a link will take you to another URL location, most commonly another User Help page or to the [Wacom website](#).

Device features in User Help

User Help provides an in-depth look into the features of Wacom devices. This includes feature definitions, examples, screenshots, and instructions for use to help users make the most out of their experiences with their devices. For this reason, the User Help may contain features that are not available on your specific device. Wacom does its best to annotate the instances where a device feature is mentioned but is not available on all devices.

Access User Help

You can access User Help from these locations:

- From the Wacom Center help  icon.
- From the Wacom Tablet Properties help  icon.
- On the Wacom Support [Product Resources](#) page. Enter your product's name in the **Search to find your product resources** bar and select your product from the resulting drop-down list. The product's User Help will display in the **Manual & Warranty** section.



Note: User Help is common to Windows and Mac computers. Screenshots are from a Windows computer, unless otherwise noted.



Note: Information about your specific computer hardware, operating system, and application software is not included. Refer to the product information provided with those products.

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The hazardous substances of display products sold in mainland China comply with the "Regulations on the Restriction of the Use of Hazardous Substances in Electrical and Electronic Products" and the "Management Catalogue for the Restriction of the Use of Hazardous Substances in Electrical and Electronic Products", and the restrictions on the use of hazardous substances in electrical and electronic products. The Green Labeling System is used in the Implementation of the Conformity Assessment System.


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Privacy

At Wacom, we value your Privacy. We use analytics to collect basic information about browsing to improve our User Help. Please see our [Privacy Policy](#) for more information.

Wacom Experience Program for Tablet Driver

You can help Wacom improve its products by participating in the Wacom Experience Program for Tablet Driver. When you participate in the program, the driver will automatically send certain diagnostics and usage data for your Wacom product.

1. [Open Wacom Center](#).
2. Click the Global settings  icon in the navigation bar.
3. Under **Wacom Experience Program for Tablet Driver**, click the **Tablet Driver Privacy Notice** link to learn about the program.
4. To participate in the program, move the **Wacom Experience Program for Tablet Driver** slider to "On".
5. In the pop-up dialog, select the checkbox and click **OK**.

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