Wacom User Help

PTH-851



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Work with your pen
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wacom

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About Intuos Pro

Your Intuos Pro™ gives you many different ways to express yourself creatively. The product Help topics will help you make the best use of your Intuos Pro. To view additional options for using your device, see Getting Started.

There are several models of the Intuos Pro. The model number is on the back of your device. All models support pen and touch input. See Intuos Pro features for illustrations and information about your device. See Set up your device for setup instructions.

Your Intuos Pro can be used with the pen that came with your product, or a Wacom accessory pen or tool specified for use with Intuos.

Included with your Intuos Pro

When you have unpacked your Intuos Pro, make sure that you have received the following items and accessories:

- Intuos Pro device
- Pen
- Pen holder with nib storage
- Intuos wireless kit (battery, wireless receiver and module)
- Installation CD
- Quick Start Guide (booklet)
- Extra pen nibs
- Nib removal tool
- Pen color rings
- Power cord

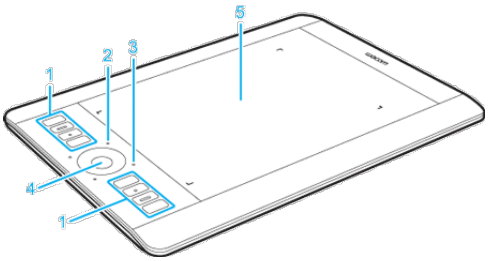
Review the Important Product Information, which describes safety precautions, specifications, warranties, and the license agreement for your device, in Wacom Center.

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Features

The controls of your Intuos Pro device include:

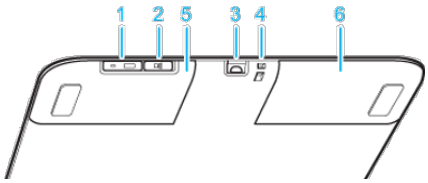
- **Customizable ExpressKeys:** Six or eight keys that allow you to set frequently used functions or keystrokes, simulate button clicks or modifier keys, or create automatic settings for a number of applications. Small Intuos Pro devices have six ExpressKeys. See About your Intuos Pro.
- **Touch Ring:** Lets you customize your functions. Slide your finger around the ring to zoom, scroll, or perform other actions. Press the Center Button in the middle of the Touch Ring to toggle between four customizable modes, or to wake the device from sleep mode when operating wirelessly. See Touch Ring for more information.
- **Status LEDs:** Glow dimly when the Intuos Pro is connected to an active USB port. An LED will brighten when you touch the active area, or use the pen, Touch Ring or ExpressKeys. LEDs also indicate which of the four Touch Ring modes are active. For wireless operation, see Battery and wireless connection status.
- **Active area:** The area for pen and touch input is indicated by the corner markers. To set the brightness level of the active area markers and status LEDs, see Advanced options.



Number	Item
1	ExpressKeys
2	Status LEDs
3	Touch Ring
4	Center Button
5	Active area

The features on the back of the Intuos Pro include:

- Compartments for the wireless module, receiver, and battery. Small Intuos devices have a single compartment for the wireless components and battery.
- USB port.
- Security slot for a security cable or pen tether.



Number	Item
1	Wireless module slot
2	Wireless receiver storage
3	USB port
4	Security lock slot
5	Wireless receiver storage
6	Battery compartment

Note: A USB cable is included with your Intuos Pro. When storing it, do not wrap the cable around the device.

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Mouse

You can set the functions of the Intuos Pro optional mouse buttons using the Mouse tab.

1. Open Wacom Tablet Properties.
2. Select your device from the **Device** list.
3. Select the optional mouse from the **Tool** list.
4. On the Mouse tab, the default actions for the fingerwheel and buttons display. Select from the drop-down menus and use the checkboxes to change the actions.

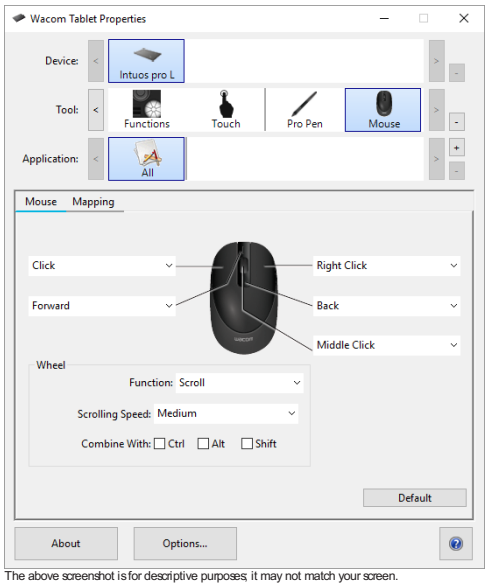
   Scroll:

   - Choose an option for the fingerwheel from the menu.
   - Choose a scrolling speed to be used for each notch of wheel movement.
   - When you select one or more **Combine With**: modifier key options, the selected option(s) will be sent to the application with each scroll action. For example, you can create custom zooming or other actions within an application.
   - On macOS, the available options are Option, Command (Apple key), Control, and Shift.

   Keystroke: Select Keystroke to assign custom functions to the fingerwheel. Defined keystrokes are sent once for each notch of wheel movement.

   Disabled: Disables the wheel action.

Tip: Set two or more buttons to simultaneously create a combined action. For example, if you customize buttons to simulate Ctrl and Alt keystrokes, a Ctrl+Alt is simulated when you press both buttons.



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

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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  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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Install the Wacom driver

Important: Download and install the latest Wacom driver so your device is fully functional.

Install the Wacom driver

1. Go to the "Resources for your Wacom device" page: www.wacom.com/download.
2. In the search bar, enter your product's name or model number.
3. Select your product from the resulting drop-down list.
4. Scroll down and click **Download Windows Driver** or **Download Mac Driver**, depending on your computer's operating system.
5. Save the driver file to an easy-to-find folder on your computer.
6. Double click on the downloaded file to run it.
7. Follow the Installation Wizard steps.
8. Restart your computer.

Important: For **macOS**, installing the driver requires enabling Privacy & Security settings.
Please see the instructions for setting up the Wacom driver for macOS.

Update the Wacom driver from Wacom Center

Updated Wacom drivers are periodically made available on both the "Resources for your Wacom device" page (see instructions above) and in Wacom Center (see instructions below). Check in and update regularly so your device has the latest features and functionality.

1. Open Wacom Center.
2. Click the Global settings 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.

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Set up your work area

- Position your device, pen, and keyboard for easy access.
- Position the device so the screen cursor follows the same direction as your pen movements on the device.
- If you are using the device as a creative tool, adjust your monitor so you can view it comfortably without eyestrain, placing it about one arm's length away from you and consider placing the device below the keyboard, centered below your monitor.

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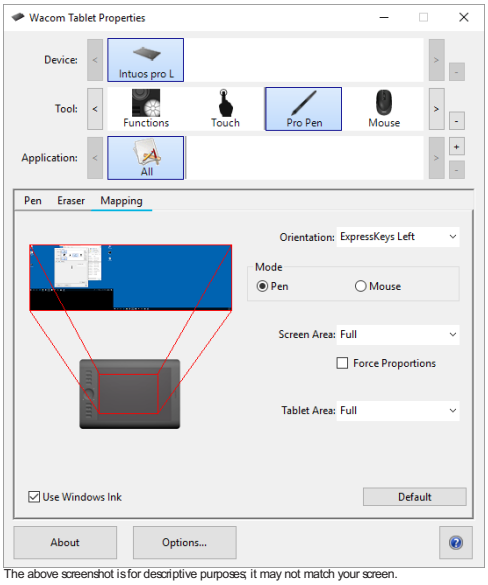
Orientation

To choose or change the Orientation setting:

1. Open Wacom Center.
2. Select your device in the Devices sidebar.
3. In the main content area, select **Mapping Settings**. You will proceed to Wacom Tablet Properties.
4. From the **Orientation** drop-down menu, select **ExpressKeys Left** or **ExpressKeys Right**. The driver software automatically configures all aspects of the device according to the option you choose.
5. Physically rotate your device so the ExpressKeys are positioned to the left or to the right.

You can choose settings for landscape or portrait orientation. To work with a monitor set vertically (in portrait mode), select one of the Orientation options:

- **ExpressKeys Top** rotates the device 90 degrees clockwise. The Touch Ring and ExpressKeys are oriented toward the top.
- **ExpressKeys Bottom** rotates the device 90 degrees counter-clockwise. The Touch Ring and ExpressKeys are oriented toward the bottom.

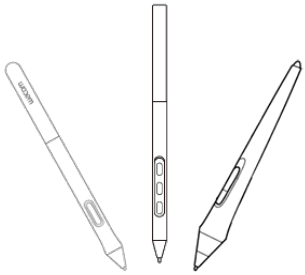


The above screenshot is for descriptive purposes; it may not match your screen.

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Work with your pen

Wacom devices 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 Wacom device that you purchased.

To discover other pens and tools that can be used with your Wacom device, 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.

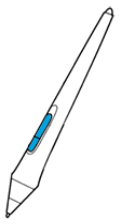
Note: Some pens do not have buttons.

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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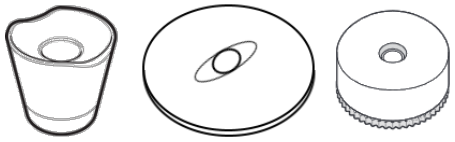
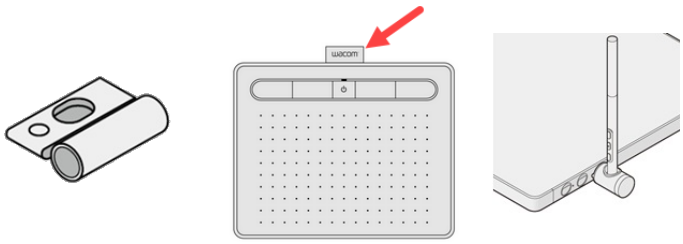
Store your pen

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.

Where to store your pen

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

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.

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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

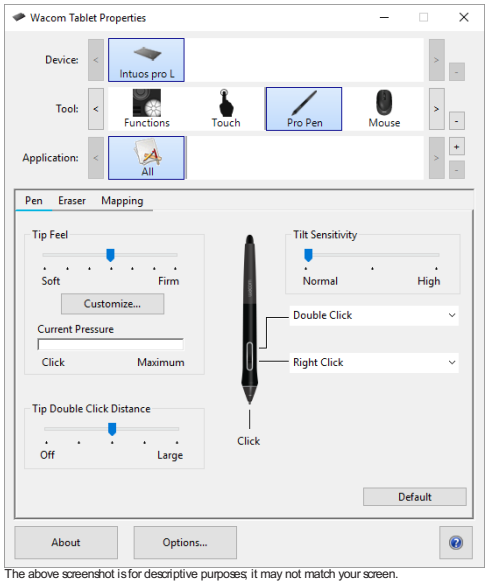
Assign actions to the pen button and pen tip

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 device 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.

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.

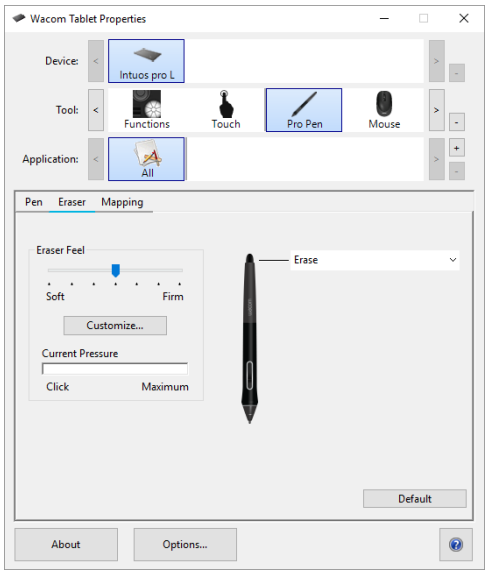
Tip: If you notice a delay at the beginning of brush strokes, inking strokes, or drag actions, try a smaller **Tip Double Click Distance** or set a pen button to double-click instead of the pen tip.

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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

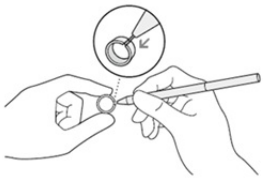
Tip: Replace your pen nib when it is approximately 1 mm (1/25 inch) or has a sharp edge.

Topics on this page

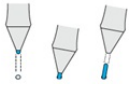
- Replace the pen nib
- Where to find the nib remover
- Where to find replacement nibs

Replace the pen nib

1. If it is included with your device, use the round, metal nib removal tool to remove your pen nib. If the metal nib removal tool is not included, use a built-in nib remover. Also see: Where to find the nib remover.

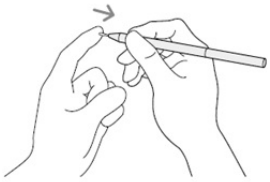


Round, metal nib removal tool



A built-in nib remover, located in a variety of locations.

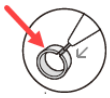
2. Get a replacement nib and slide the end of the new nib straight into the barrel of the pen.



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

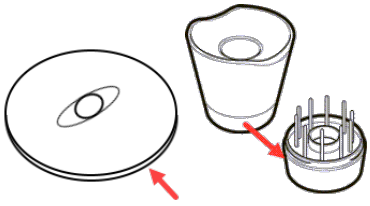
Where to find the nib remover

Many devices come with a round, metal **nib removal tool** included in the box with your Wacom device:

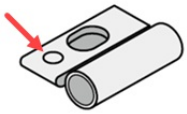


Other devices come with a **built-in nib remover**, which can be located in a variety of locations:

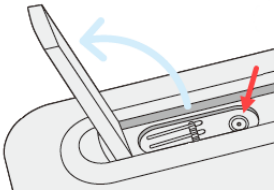
On the bottom of a pen stand:



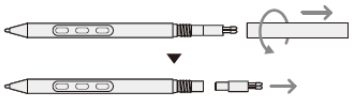
On the removable pen holder attached to the side of your device:

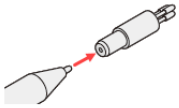


Underneath one of the built-in stand legs:

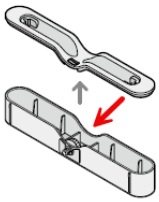


Inside the pen:





Inside the pen holder:



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 pen can be disassembled, nibs can be stored inside the pen.
- 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**: 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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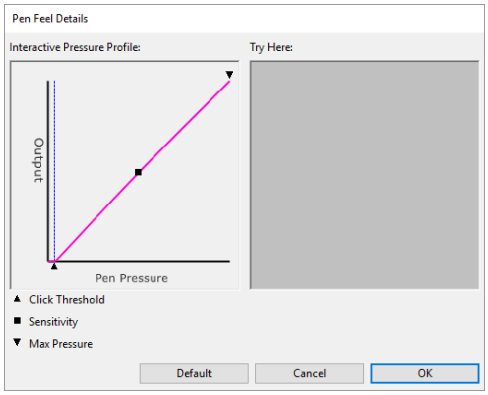
Advanced pen and eraser

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.

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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.

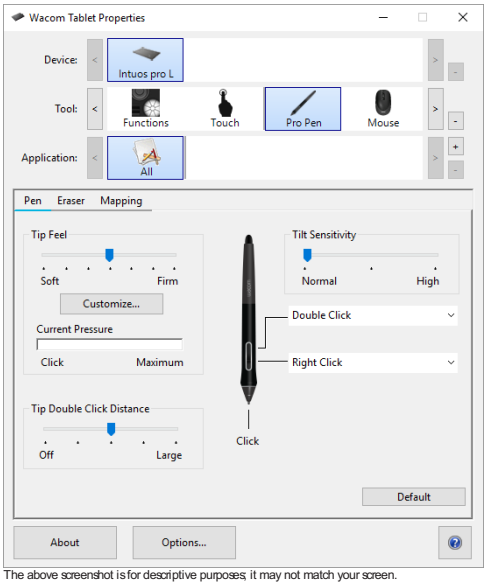
Topics on this page

- 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 pen buttons, ExpressKeys, On-screen shortcuts, Touch & gestures, Touch rings, and other customizable components from Wacom Center. Then, when you use that component, such as pressing a pen button or ExpressKey, the action you assigned is performed.

Note: The customizable components available on your device may vary from those listed above. The actions available for each customizable component will also vary.

Action name	Action performed
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	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.
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.
Change settings	Opens Wacom Center or Wacom Tablet Properties (depending on which you use to customize your device) so you can make settings changes.
Click	Performs a mouse button click.
Click lock	Presses and holds the mouse button. • Begin the click lock by engaging a customizable 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. **Tip**: Click Lock is helpful when you are dragging objects or selecting blocks of text.
Default	Resets the customizable component to its default setting.
Disabled	Disables the customizable component so that when you engage the component, such as pressing the pen button, nothing happens.
Display toggle	Switches between your devices and monitors, if you are using your device with multiple monitors or devices.
Double click	Performs a double-click. **Tip**: For easier double-clicking, assign this action to a customizable component, such as a pen button, instead of tapping twice with the pen tip.
Erase	Sets your strokes with the pen to erase instead of draw. For example, if you assign **Erase** to your pen button, you can move your pen over an area you 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	A Keyboard modifier (Shift, Alt, etc.) or mouse button click (left click, etc.) that you can assign to a customizable component on the **Keyboard modifier** window.
Keyboard shortcut	A combination of keystrokes (Ctrl+Z, Ctrl+Y) that you can assign to a customizable component on the **Keyboard shortcut** window.
Launchpad	Displays the macOS Launchpad menu, where you can start applications.
Middle click	Performs a middle mouse button click.
	Assign this action to a pen button to toggle between **Pen** mode and **Mouse** mode. • 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.

Mode toggle	• 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	Opens or runs the application, file, or a script you choose. • When you select **Open/Run**, the **Run Application** window appears. • Click **Browse** and select the item. Click **OK**.
Pan/Scroll	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. **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.
Pan/Scroll (Legacy)	Behaves the same as Pan/Scroll, but your screen cursor will move with the pen tip. **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.
Pan/Zoom	Pans or zooms, depending on whether you are hovering or touching the device surface. • 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. ◦ 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. **Note:** If the application does not support Pan/Zoom, the following happens instead: • 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. **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.
Precision mode	Precision mode toggles between normal precision and a precision that you choose - from **Fine** to **Ultra fine**. The following descriptions assume that "Precision mode" is assigned to a pen button: • **Press and release** the pen button to work with the selected precision around the location where Precision mode is initiated. Press and release the pen button again to switch back to normal precision. • **Press and hold** the pen button to switch to Precision mode around the initiation location. Pull the pen out of the tablet's proximity and then reenter proximity to relocate the Precision mode window to the newer pen tip location.
Pressure	Locks the pressure at the current level until you release the customizable component. For example, if you assign this action to a pen button, you can paint with pressure sensitivity

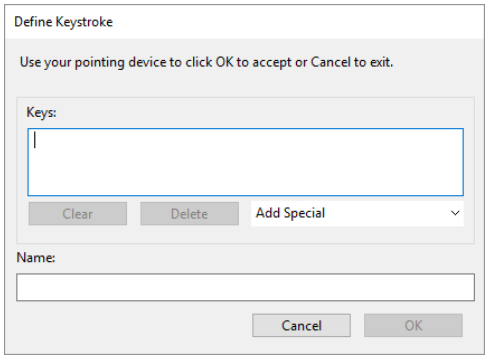
hold	enabled in your application until you reach the brush size you like. Then, press and hold the pen button to lock in that brush size as long as you are pressing and holding the button.
Radial menus	Displays the Radial menu that you select.
Redo	Restores any actions that were previously undone using an undo.
Right click	Performs a right mouse button click.
Scroll	Scrolls the active application on your computer. **Assigned to a Touch Ring**: Slide your finger around the ring clockwise to scroll down and counterclockwise to scroll up. **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.  **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.
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	Switches between the applications that you have open.
Touch On/Off	Turns touch on and off. This setting is not available on devices that have a built-in touch on/off switch.
Tumble	Tumbles, orbits, or rotates items in 3D applications.  **Note:** If the application does not support Tumble, pressing the button activates a middle-click instead.
Undo	Reverses your last action.
Zoom	Zooms the active application on your computer. **Assigned to a Touch Ring**: Slide your finger around the ring clockwise to zoom in and counterclockwise to zoom out. **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 hover and hold the button, you can still zoom when you touch the pen tip to the surface again.  **Note:** If the application does not support Zoom, pressing the pen button or ExpressKey activates a mouse wheel scroll instead.  **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.
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 a single keystroke that you want to assign (Tab, Space, for example). To assign a combination of keystrokes, enter the keystroke 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) in combination with other keys (Ctrl+C). 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.
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 (e.g. {Ctrl}c).

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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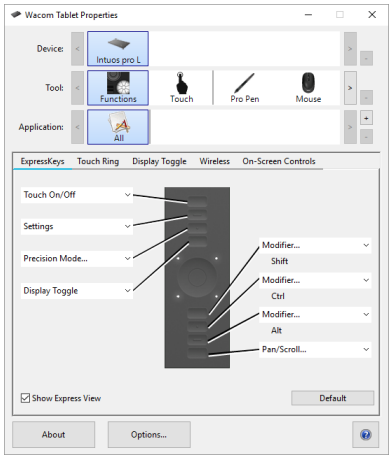
ExpressKeys

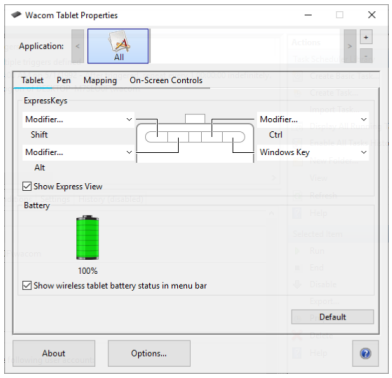
ExpressKeys are customizable buttons on your device. When you press an ExpressKey, you activate the assigned action, such as mouse clicks, modifiers, or navigation functions.

Note: ExpressKeys locations and functions may vary, depending on your device.

You can view and change which actions are assigned:

1. Open Wacom Center.
2. Select your device in the Devices sidebar.
3. Click **ExpressKey settings** in the main content area. You will proceed to the "ExpressKeys" or "Tablet" tab in Wacom Tablet Properties, depending on your device
4. Select the action that you want for each ExpressKey from the drop-down menu.





The size and placement of ExpressKeys vary, depending on your device. Your screen may match one of the above screenshots or may be different. The screenshots are for descriptive purposes.

Tip: ExpressKey settings can be defined for use with specific applications. See Application-specific settings for more information.

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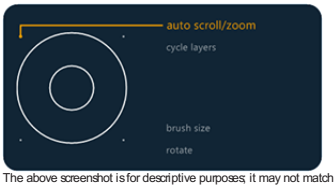
Touch Ring

Use the Touch Ring by sliding your finger around the ring to zoom in or out, scroll up or down, or to issue assigned keystroke functions. See Customizing the Touch Ring for information on changing your Touch Ring settings.

Press the Center Button to toggle between four customizable modes. As you toggle between settings, a corresponding status LED illuminates. Any disabled settings are skipped in the toggle sequence.

Tip: Touch Ring settings can be defined for use with specific applications. See Application-specific settings for more information.

A diagram of the current Touch Ring settings appears briefly on your display screen when you press the Center Button.



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

Touch Ring default settings:

1 - Auto Scroll/Zoom. Sets the ring to zoom or scroll in graphics applications. Some applications may interpret zooming as scrolling, or the reverse, or they may completely ignore zooming or scrolling.

Move your finger clockwise along the Touch Ring to zoom in or scroll down in most applications. Move your finger counter-clockwise to zoom out or scroll up.

2 - Cycle Layers. Enables you to cycle up or down through a stack of layers when working in Adobe Photoshop. Move your finger clockwise along the ring to cycle up through layers.

3 - Brush Size. Sets the ring to increase or decrease the brush size of your drawing tool when working in Adobe Photoshop.

4 - Canvas Rotation. Enables you to rotate or flip an entire image when working in Adobe Photoshop CS4 (or later).

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Express View

You can enable Express View to see the current settings for your ExpressKeys at any time.

1. Open Wacom Center.
2. Select your device in the Devices sidebar.
3. Select **ExpressKey settings**. You will proceed to Wacom Tablet Properties.
4. On the ExpressKeys tab, select the **Show Express View** checkbox.
5. Lightly touch any ExpressKey to view the current ExpressKeys settings on your screen.

Note: The display will fade out after 2 seconds on the screen.

Tip: To disable the display, deselect the **Show Express View** box.



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

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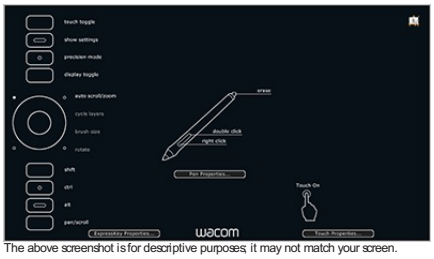
Settings View

You can view the current settings for ExpressKeys, the Touch Ring, Touch on/off, and the pen at any time.

To use Settings View

1. Open Wacom Center.
2. Select your device in the Devices sidebar.
3. In the main content area, select **ExpressKey settings**.
4. On the ExpressKeys tab in Wacom Tablet Properties, set an ExpressKey to **Settings**.
5. To view the settings on the screen, press that ExpressKey.
6. To close the Settings View screen: click on it with your mouse, tap it with your pen, or press the ExpressKey a second time.
7. To open the Wacom Tablet Properties tab for ExpressKeys, Pen, or Touch: click the **Properties**... button for that item on the Settings View screen.

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



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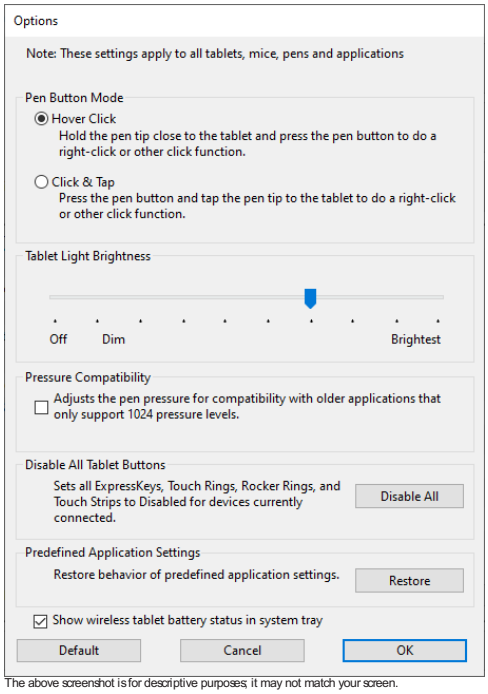
Customize user options

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.



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 device 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	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. **Note:** The Tip-up Assist feature only applies to the Pro Pen 3, Pro Pen 2, Pro Pen 3D & Pro Pen Slim pens.
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:

- Customize the settings for your pen, ExpressKeys, Touch & gestures, and more.
- Create On-screen shortcuts (formerly On-Screen Controls).
- Update the Wacom driver and device firmware.
- Access User Help, Wacom Support, and Important Product Information.
- Create and edit your Wacom ID, register your device, and redeem software offers (does not apply to Enterprise devices).

Note: The appearance of Wacom Center can vary, depending on the attached device(s) and configuration.

Topics on this page

- The Wacom Center main screen
- Get to know Wacom Center

The Wacom Center main screen

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



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

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.



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

Get to know Wacom Center

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

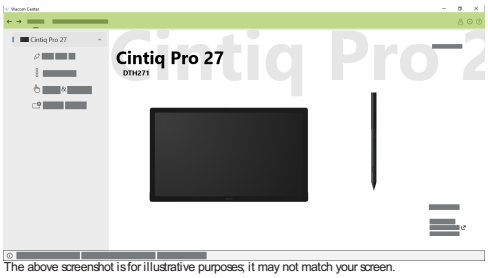
- Navigation bar (green highlight)
- Devices sidebar (blue highlight)
- Main content area (yellow highlight)
- Quick help bar (purple highlight)
- Action sidebar (not pictured)



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.

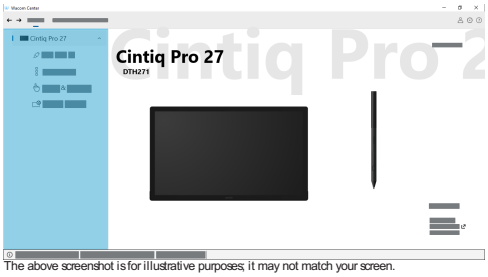
Forward & Back buttons	The Forward → and Back ← buttons move you forward one page or return you to the previous page within Wacom Center.
Devices	Select Devices in the navigation bar to display a list of your connected devices in the Devices sidebar.
On-screen shortcuts	Select On-screen shortcuts in the navigation bar to create and/or edit Radial menus, Grid panels, and – on some devices – Pen gestures.
Software offers	Log in with your Wacom ID and register your device to view, download, and redeem any available software offers (does not apply to Enterprise devices).
Profile settings	Click the Profile icon to create (or log into) your Wacom ID and register your device. Registering your device gives you access to any available software offers and other Wacom promotions (does not apply to Enterprise devices).
Global settings	Click the Global settings icon to access the following tabs: • **General settings:** Update your Wacom driver and device firmware, turn on/off the Quick help bar, set whether Wacom Center automatically starts when you turn on your computer, or run troubleshooting options. • **Devices 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. • **Backup & restore:** Create backup files and restore your device settings.
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. **Note:** Some Help & Support features do not apply to Enterprise devices.

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.



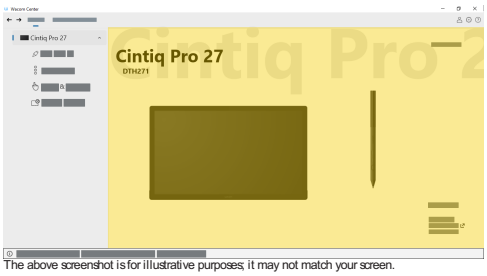
The above screenshot is for illustrative purposes; it may not match your screen.

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).

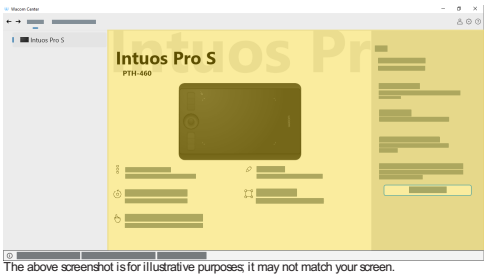
A. Customize your device in the main content area when you select a customizable component (Pen, ExpressKeys, etc.) in the Devices sidebar. The component and the Application-specific settings feature will open in the main content area, where you can make all your customizations:



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

Tip: Video tutorials that may display at the bottom of the main content area can help you learn more about your Wacom device.

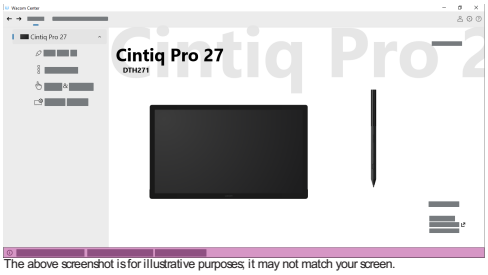
B. Access your device's settings links (Pen settings, ExpressKey settings, etc.) and Help resources in the main content area when you select a device name in the Devices sidebar. Click a settings link to open Wacom Tablet Properties, where you can make all your customizations.



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.



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 change 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.



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

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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**.
- **macOS:** From the Applications folder, open the **Wacom Tablet** folder then double-click the **Wacom Center** icon. Or, open Wacom Center from **Launchpad**.

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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



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

Access information about your device

Note: Depending on your device, you may not see all of the Help & support options.

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

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, and tip feel (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 screens.

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 devices 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.

Note: The registration and software redemption features do not apply to Enterprise devices.

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.
3. If you already have a Wacom ID, sign into your account. If you do not have a Wacom ID, click the **Sign up** link and create your profile.
4. To edit your Wacom ID profile, sign into your account and select **Edit Profile**.

Register your Wacom device

1. Open Wacom Center.
2. Click the Global settings icon.
3. Select the **Devices manager** tab.
4. Click the **Register** button next to any device that is not already registered. Follow the instructions that display.

Note: On select devices, a QR code can also be used to register the device. If a QR code is present, it will be located on the back of your Wacom device.

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. In the navigation bar, select **Software offers**.
3. Click the **More Info** button next to an offer to learn more.
4. Click the **View details** link and follow the prompts.

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Keep everything up to date

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

Updating your device

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 device 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 **Diagnostics** button.
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 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**.
- **macOS:** From **System Preferences**, click on the **Wacom Tablet** icon.



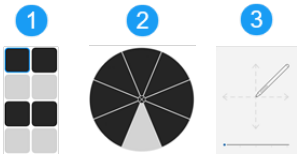
Tip: On Windows 10, Windows 11, and macOS, you can open Wacom Tablet Properties by opening Wacom Center, selecting your device in the Devices sidebar, then selecting a settings link (Pen settings, ExpressKey settings, etc.).

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On-screen shortcuts

Grid panels (1) and **Radial menus** (2) are On-screen shortcuts that display on your Wacom pen display or – for pen tablets – on your computer's display. You can assign frequently used actions to the Grid panel or Radial menu keys, then use your pen, mouse, or touch (if supported) to select a key and activate its assigned action.

Pen gestures (3) allow you to pan, scroll, zoom, etc. by pressing and holding a pen button or ExpressKey and moving the pen vertically or horizontally across your device.



The above screenshots are for illustrative purposes only.

Setup and use Grid panels and Radial menus

1. Create your On-screen shortcut.
2. Customize the Grid panel or Radial menu keys.
3. Assign the Grid panel or Radial menu to a customizable component (a pen button, for example).
4. Launch the Grid panel or Radial menu by pressing the customizable component you assigned in the previous step.
5. Click a Grid panel or Radial menu key to activate its assigned action.

Use Pen gestures

Note: Pen gestures are only available on select devices.

1. Assign a Pen gesture to a pen button or an ExpressKey.
2. Hold down the pen button or ExpressKey while moving the pen tip vertically or horizontally on your device to activate the Pen gesture action (pan, scroll, zoom, etc.).

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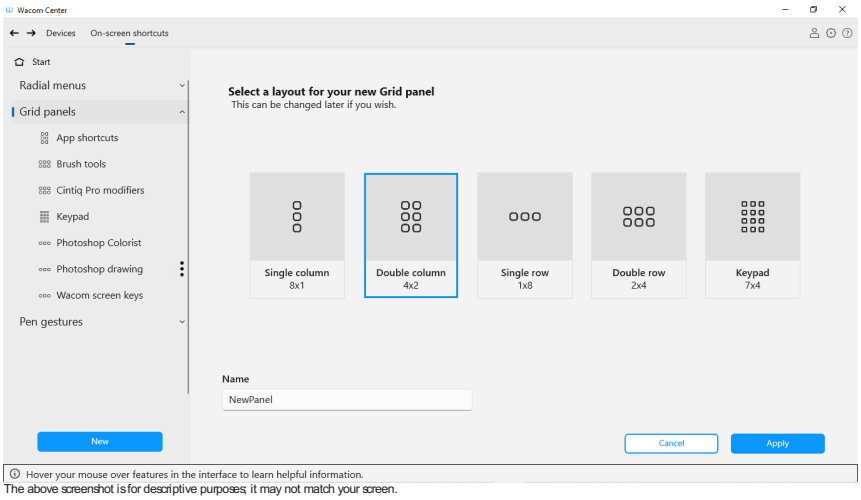
Create On-screen shortcuts

The following instructions describe how to create a Grid panel or Radial menu.

Note: Pre-configured Pen gestures come installed in Wacom Center on select devices and do not need to be created.

Create a Grid panel or Radial menu

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** or **New Grid panel**.
5. Select a **Layout** and enter a **Name**.
6. Click the **Apply** button to create your new Radial menu or Grid panel. You will proceed to the On-screen shortcut definition page, where you can Customize your On-screen shortcuts.



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

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Customize On-screen shortcuts

The following instructions describe how to customize a Grid panel or Radial menu.

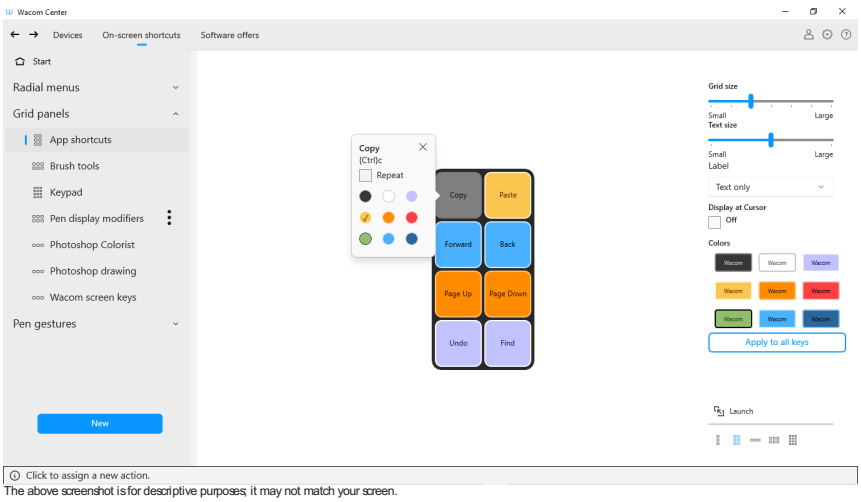
Note: Pre-configured Pen gestures come installed in Wacom Center on select devices and do not require customization.

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.
5. If you select **Keyboard shortcut**:
   - Add a **Key combination** (Ctrl+Z, for example) or **Add special keys** (pre-configured key combinations such as Alt+Tab).
   - Enter a **Name** for the keyboard shortcut.
   - Optionally select an **Icon**.
   - Click **Apply**.
6. The following settings are optional:

Repeat	Select this box if you want the action to repeat when you click and hold the Radial menu or Grid panel key.
Grid or Radial menu size	Move the slider to change the size of the On-screen shortcut when it appears on your screen.
Text size	Move the slider to change the size of the text that displays on the On-screen shortcut when it appears on your screen; the options are small, medium, and large.
Label	Use the drop-down menu to select a label type: **Text only**, **Text & Icon**, or **Icon only**. The selection will display on all the On-screen shortcut keys. Examples: Text only:  Text & Icon:  Icon only: 
Display at Cursor	Leave the box unchecked if you want the On-screen shortcut to appear in the last location you opened it. Select the box if you want the On-screen shortcut to appear next to your cursor when you open it.
Color	Select a color for the entire Grid panel or Radial menu. **Tip:** Hover over a key to open a pop-up menu where you can select a color for that specific key.
Apply to all keys	This button is only visible when there is at least one key that uses a different color scheme from a Grid panel or Radial menu. Click this button if you want all of the On-screen shortcut keys to be the same color.
Launch	Select the Launch icon to view your current On-screen shortcut customizations on your pen display or computer screen.

7. Assign your On-screen shortcut to a customizable component, such as a pen button or ExpressKey.

Important: Assigning a Grid panel, Radial menu, or Pen gesture to a customizable component (pen button, ExpressKey, etc.) is required in order to open and use the On-screen shortcut.



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Assign On-screen shortcuts

The steps below provide instructions on how to assign a Radial menu, Grid panel, or Pen gesture to a pen button. See notes under each set of instructions for other customizable components (ExpressKeys, etc.) to which you can assign On-screen shortcuts.

Important: Assigning a Grid panel, Radial menu, or Pen gesture to a customizable component (pen button, ExpressKey, etc.) is required for the On-screen shortcut to work as expected.

Topics on this page

- Assign a Radial menu or Grid panel to a pen button
- Assign a Pen gesture to a pen button

Assign a Radial menu or Grid panel to a pen button

Note: The following steps provide an example. Radial menus and Grid panels can also be assigned to ExpressKeys or touch gestures, depending on your device's available features.

1. Open Wacom Center
2. Select your device in the Devices sidebar.
3. Follow the instructions labeled A **or** B, depending on what displays in Wacom Center:
   A. If the **name of your pen** displays in the Devices sidebar:
      i. Select the pen name.
      ii. Click the currently assigned action next to any pen button.
      iii. In the Action sidebar, open the **Radial menu** or **Grid panel** category, then select the name of the Radial menu or Grid panel you wish to assign.
   B. If "**Pen settings**" displays in the main content area:
      i. Click **Pen settings**. You will proceed to **Wacom Tablet Properties**.
      ii. Click the drop-down arrow next to any pen button.
      iii. Select **On-screen shortcuts**, then select the name of the Radial menu or Grid panel you wish to assign.
4. Press the pen button you assigned the Radial menu or Grid panel to in the previous step. Your On-screen shortcut will display on the Wacom pen display's screen, or on your computer screen, if using a pen tablet.
5. Select a key to activate its assigned action.

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

Assign a Pen gesture to a pen button

Note: The following steps provide an example. Pen gestures can also be assigned to ExpressKeys, depending on your device's available features.

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, open the **Pen gestures** category, then select the gesture name you wish to assign to the pen button (Pan/Scroll, Zoom, etc.).
5. To use the Pen gesture, press the pen button while moving your pen tip vertically or horizontally on your device to perform the assigned gesture.

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Edit On-screen shortcuts

Use these steps to copy, rename, edit, or delete Radial menus or Grid panels.

Note: Pen gestures cannot be copied, renamed, edited, or deleted.

Topics on this page

- Copy a Radial menu or Grid panel
- Rename a Radial menu or Grid panel
- Edit a Radial menu or Grid panel
- Delete a Radial menu or Grid panel
- Change a Grid panel layout

Copy a Radial menu or Grid panel

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 more options icon.
4. Select **Duplicate**. The duplicated Radial menu or Grid panel will display in the sidebar with an new name (Wacom Screen Keys.1, for example).

Rename a Radial menu or Grid panel

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 more options icon.
4. Select **Rename**.
5. Edit the name in the pop-up window and click **OK**.

Edit a Radial menu or Grid panel

1. Open Wacom Center.
2. Select **On-screen shortcuts** from the navigation bar.
3. In the sidebar, select an existing On-screen shortcut.
4. In the main content area, make your edits. The changes are saved immediately.

Delete a Radial menu or Grid panel

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 more options 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, select a new layout for the Grid panel.

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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On-screen shortcut layouts

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

Note: All On-screen shortcut layouts are in "Text only" format.

Topics on this page

- Grid panel layouts
- Radial menu layout
- Pen gesture layouts

Grid panel layouts

Three Grid panel examples are pictured below.

Note: You can change the layout of a Grid panel to another Grid panel layout.

Double column (4x2) Grid panel:



Single row (1x8) Grid panel:



Keypad (7x4) Grid panel (similar to the keyboard keypad that displays on your computer monitor):



Radial menu layout

The 8-key Radial menu is pictured below.

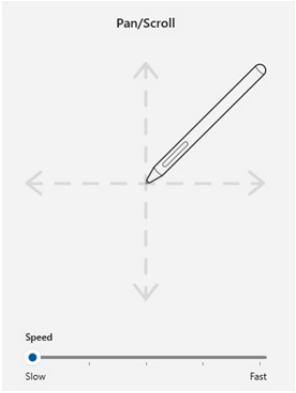


Pen gesture layouts

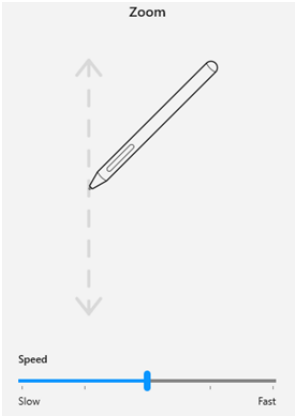
Two Pen gesture examples are pictured below.

Note: Pre-configured Pen gestures come installed in Wacom Center on select devices.

Pan/Scroll Pen gesture:



Zoom Pen gesture:



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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 devices, 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**.

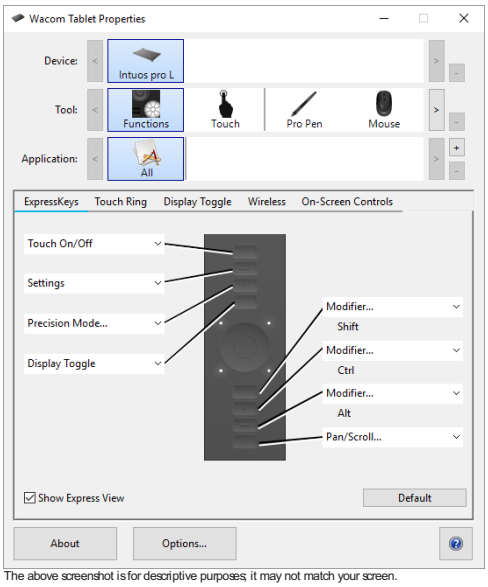
   Note: After adding an application, its icon appears in the Application list whenever the associated tool is selected in the **Tool** list.

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 device. 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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Work wirelessly

Your device is designed to let you go wireless by adding the Wacom wireless accessory kit. To order the kit, or to view other accessories and product options, go to the Wacom Store.

To install and use the kit, see Wireless setup.

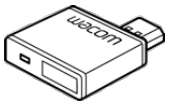
Topics on this page

- Wireless accessory kit
- Wireless optimization
- See also

Wireless accessory kit

The Wacom wireless accessory kit includes the following components:

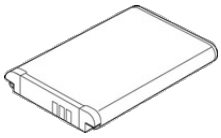
- The Wacom wireless module plugs into your device.



- The Wacom wireless receiver plugs into your computer. When not in use, it can be stored inside your Wacom device. See Wireless receiver storage.



- The rechargeable lithium-ion battery installs inside the Wacom device.



Note: The wireless module and receiver are factory paired. If either one is lost or damaged, you will need to purchase a new wireless accessory kit. The battery can be purchased separately. See Ordering Parts and Accessories.

Wireless optimization

If your screen cursor lags behind the pen movement on the device or move erratically, or if you see excessive straight line segments when drawing in graphics applications, your wireless connection may not be able to transmit all of the data from the device with the necessary speed. This may be caused by interference from other radio sources, obstructions in the radio wave path, excessive distance from the computer, or a combination of those factors.

To improve the wireless connection and optimize device performance:

- Remove any metallic objects that may be in the line of sight between your Wacom device and the Wacom wireless receiver attached to your computer.
- Try connecting the wireless receiver to a USB extension cable, and place it on your desktop or somewhere in sight of the Wacom device.
- Move the device closer to your computer.
- Switch off any other devices operating in the 2.4 GHz radio spectrum, such as mobile telephones, etc., or move their antennas further away from your computer.

Warning: See the Important Product Information guide, accessible from Wacom Center, for battery safety precautions.

See also

Battery and power management
Battery life information
Battery replacement
Wireless receiver storage

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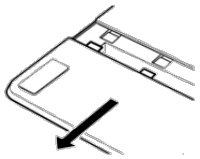
Wireless - Setup

Configure your device for wireless operation.

Warning: See the Important Product Information document, accessible from Wacom Center, for battery safety precautions.

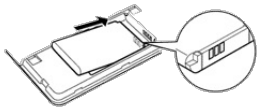
1. Disconnect the USB cable and turn the device over. Remove the wireless compartment cover(s) by sliding the cover(s) away from the device body.

   Note: Medium and large Intuos Pro devices are equipped with a cover for the Wacom wireless module, and a cover for the rechargeable battery. Small Intuos Pro devices and Intuos devices have a single cover.

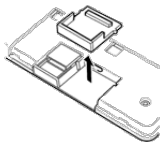


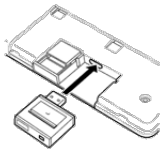
2. Install the battery by aligning the contacts and pressing the battery into place.

   Note: Do not press straight down on the battery to install it. Align the contacts and press that end of the battery into place before pressing down the other end.



3. Install the wireless module:
   - Lift and remove the wireless module spacer. The location of the spacer may vary slightly, depending on the model of your Intuos.
   - Save the module spacer for use as a tool for removing the wireless module.
   - Slide the wireless module into the device, ensuring the connector is fully seated.





4. Align the wireless compartment cover and slide it into place.
5. Connect the Wacom wireless receiver to an active USB port on your computer or USB hub.

If you have not already done so, turn on your computer and wait until the system is ready to use. Your device should now connect wirelessly. See Wireless for wireless setup information.

To remove the wireless module:

1. Turn the device over. Remove the wireless compartment cover by sliding the cover away from the device body.
2. Use your thumbnail or other suitable, non-metallic tool to unseat the module. You can also use the wireless module spacer as a hook to unseat and slide the wireless module out of the device.
3. Press the spacer back into the wireless module slot.
4. Align the wireless compartment cover and slide it back into place.

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Connect by wireless

Your device can operate wirelessly or in USB mode, but not both at the same time. Wireless mode is activated when your device is properly configured for wireless operation and the USB cable is disconnected.

When the device is configured for wireless mode and the USB cable is disconnected, the device searches and connects to the wireless receiver within 4 seconds. If the receiver is not found, the device enters sleep mode. A USB connection deactivates wireless mode, and activates USB mode.

Press the power button briefly to wake the device from sleep mode.

Topics on this page

- Wireless indicators
- Activation

Wireless indicators

The battery status LED indicators for Intuos and Intuos Pro are located on the back of the device beside the wireless receiver storage compartment, near the right or left corner of the device.

The LED indicator light is:

- Amber when the USB cable is connected and the battery is charging.
- Green when the USB cable is connected and the battery is fully charged.
- Off when the USB cable is disconnected and the device is operating wirelessly.



Activation

1. Fully charge the device battery. When the battery is fully charged as shown by the green LED, disconnect the USB cable to work wirelessly.
2. Make sure the device is within range of your computer.
3. Press the power button on the wireless module. A wireless connection should be established within 4 seconds.
4. Check the connection by using the pen on the device to move the screen cursor. See also Battery and wireless status.

Note: Pairing is not required. The wireless module and wireless receiver are factory paired and work as a set.

Note: Your device can operate wirelessly for up to 10 meters (33 feet) away from your computer.

Note: Although it is not necessary for your computer to be "in sight" of the wireless receiver, interference from certain other devices or metallic objects located along the line of sight can negatively impact the device performance.

Note: When starting up your computer, wait until your operating system has finished start-up, and turn on the wireless module (if not already on) to begin working wirelessly.

Note: The use of wireless devices is regulated in most countries. If you will be using wireless operation while traveling, check with regulatory authorities for any restrictions that apply to your product in the countries that you visit.

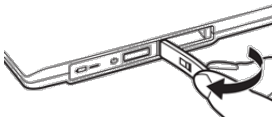
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Wireless - Receiver storage

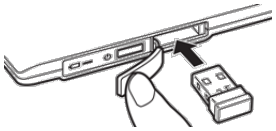
You can leave your wireless receiver connected to your computer so it is always available for use. However, you can store the wireless receiver inside your device if you prefer. The location of the storage compartment may vary slightly, depending on the model of your Intuos.

To store the receiver in the device:

1. Use your fingernail or a suitable, non-metallic tool to open the wireless receiver storage compartment.
2. Slide the wireless receiver spacer partially out of the device body.



3. Insert the receiver into the spacer.
4. Slide the spacer fully back into the device body and close the receiver storage door.



Also see Wireless setup and Wireless Connection.

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Battery status

Your device provides information about your wireless operation and status. The Status LED shows the following:

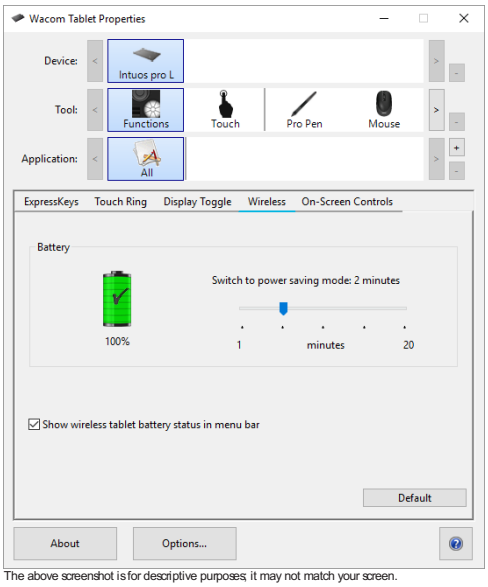
- Amber: Wireless mode connecting.
- On: Wireless mode on.
- Off: Sleep mode, or wireless mode off.

On the wireless module, the battery status LED shows the following:

- Amber: USB cable connected and battery charging.
- Green: USB cable connected and battery fully charged.
- Off:
  - USB cable connected, device in USB suspend mode or USB connecting state
  - USB cable disconnected, no charging activity.
  - USB cable disconnected, operating wirelessly.

When your device is not connected to your computer, you can charge the battery using a standard wall adapter with 5V output voltage. Quick charging will not work during this process.

In wireless mode, you can view battery status and change wireless control options on the Wireless tab. Also see Wireless connection.



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

- Adjust the slider to set when your device will switch to power-saving mode. See Power-saving features.
- The battery status icon shows the device is in use, with an approximation of the remaining battery charge.
- A power plug symbol shows the device is running on external power through the USB cable, and the device battery is charging.
- A check mark symbol indicates the battery is fully charged.
- An alert symbol indicates the battery charge is below 20%.

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Battery life

When using your device wirelessly, the battery life will vary depending on usage and your device model. You can expect a full day of working charge for small- and medium-sized device models, and a half day for a large device. Wacom recommends purchasing an extra battery. See Ordering parts and accessories.

The typical life span of a lithium-ion battery is two to three years, whether it is used or not. Charge the battery immediately if the low battery warning appears. See Power-saving features.

The device draws current from the battery whenever the Wacom wireless module is on, and will enter sleep mode when the battery level is low. A small amount of current is used in sleep mode. Wacom recommends charging the battery and then turning the wireless module off before leaving the device unused for a number of days, and removing the battery when storing the device for more than a month. See Battery and power management.

Check the status of your battery charge from the Wireless tab in Wacom Tablet Properties.

Once the battery voltage falls below a minimum level, an internal protection circuit in the battery prevents charging. If the circuit is activated, you can no longer charge the battery. You may not be able to recharge the battery after six continuous months of non-use.

Warning: See the Important Product Information guide, accessible from Wacom Center, for battery safety precautions.

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Battery and power management

These recommendations will help you get the most from your battery and wireless features.

- Connect the USB cable between your device and a USB port on your computer, or to a connected USB hub. The battery charges whenever the cable is connected and the battery is not already fully charged.
- When charging the battery, always connect the USB cable directly to your computer or to a powered USB hub to make sure there is enough current to charge the battery.
- When your device is not connected to your computer via USB cable, you can charge the battery using a standard wall adapter with 5V output voltage. Quick charging will not work during this process.

Charging the battery

Fully charge the battery before using your device for the first time in wireless mode. For everyday use, your battery will charge in approximately 4 hours. To fully charge a depleted battery will take approximately 6 hours. Charge time depends upon battery level and device use while charging.

To check the battery charge status, open Wacom Tablet Properties and select the Wireless tab. The battery icon and status appears on the Tablet Properties.

The USB connection deactivates wireless mode.

Important: When charging, be sure that both the battery and the Wacom wireless module are installed in the device.

Warning: See the Important Product Information, accessible from Wacom Center, for safety precautions.

Also see:

- Wireless connection
- Battery life.

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Battery replacement

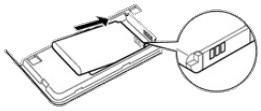
If your device battery can no longer be charged, it will need to be replaced. Be sure to use only the rechargeable battery designed for your device. See Battery and power management. For information on purchasing a new battery, see Ordering parts and accessories.

Warning: See the Important Product Information document, accessible from Wacom Center, for battery safety precautions.

See Wireless setup to view illustrations for battery installation.

Note: Medium and large Intuos Pro devices are equipped with a cover for the Wacom wireless module, and a cover for the rechargeable battery. Small Intuos Pro devices and Intuos devices have a single cover. The battery will be near the right or left rear corner of the device.

1. Disconnect the USB cable and turn the device over. Remove the battery compartment cover by sliding it away from the device.
2. Carefully remove the old battery by pressing it away from the contacts until the other end of the battery is free, and lift the battery out of the compartment.



3. Install the new battery. Align the terminals of the new battery with the device contacts, then press the battery into the compartment.

   Note: Do not press straight down on the battery to install it. Align the contacts and press that end of the battery into place before pressing down the other end.

4. Replace the battery compartment cover.
5. Connect the USB cable and charge the battery. See Battery and power management.

For more information on establishing and using wireless options, see Going wireless, Wireless connection.

Important: When replacing the battery, be careful not to drop it. If dropped, the battery can be damaged internally, and should be replaced even if there is no obvious damage.

Note: Many communities offer recycling programs for batteries. Recycle the battery in accordance with local regulations and the safety precautions for lithium-ion batteries, as described in the Important Product Information document, accessible from Wacom Center. Keep batteries out of the reach of children.

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Power-saving features

In wireless mode, your device has several features to conserve the device battery charge and improve performance.

- **Power-saving mode:** The device enters power-saving mode after 2 minutes without user input. The time parameter can be adjusted in Wacom Tablet Properties, on the **Wireless** tab. To wake the device from power-saving mode:
  - Touch the device
  - Press an ExpressKey
  - Place the pen in proximity (depending on your device model).
- **Sleep mode**: The device enters sleep mode:
  - When there is no wireless connection for more than 4 seconds. For example, you switch off the computer, move the device out of range, or unplug the wireless receiver.
  - After 30 minutes of no user input.
  - When the battery level is extremely low. Recharge the battery immediately.

Important: Conserve battery power by turning off the wireless module when you are not using the device. Otherwise, the device battery may need charging before you can use the device wirelessly.

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Multi-touch

The multi-touch features of your Wacom device enable you to interact with a computer using only your fingertips on the surface.

You can use touch as you would on any other Windows or macOS device. Touch is activated whenever you touch the device in the active area.

When using touch, you can usually position your fingers as far apart as is comfortable. However, placing your fingers too closely together may be interpreted by the device as input from a single finger, or the device may confuse which finger performed an action. Keep your fingers within the active area.

Note: In some cases, touch is enabled and disabled with a physical switch on the device.

Tip: Take care to prevent accidental touches on the device when making gestures. For example, if the palm of your hand touches the active area of the device while scrolling or zooming, you may trigger an unanticipated right-click.

Tip: On some devices that support both pen input and touch, the pen disengages touch whenever the pen tip or eraser is within the proximity of the device. Lift the pen and your hand away from the device active area to enable touch.

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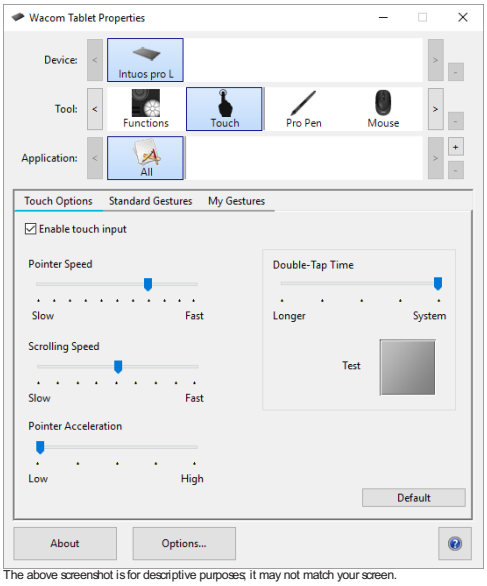
Touch Options

The Touch Options tab allows you to configure how the system responds to basic touch.

1. Open Wacom Center.
2. Select your device in the Devices sidebar.
3. In the main content area, select **Touch & gesture settings**. You will proceed to Wacom Tablet Properties.
4. On the Touch Options tab, you can make changes to the following settings:
   - **Enable touch input:** Select the checkbox to enable touch capability.

     Note: The **Enable touch input** setting only applies to devices without a physical touch on/off switch.

   - **Pointer Speed:** Adjusts the screen pointer. Choose **Slow** to move the screen cursor at a slower rate with more finger motion. Choose **Fast** to move the screen cursor quickly with less motion.
   - **Scrolling Speed:** Adjusts the scrolling speed of the Scroll touch gesture.
   - **Pointer Acceleration:** Adjusts the acceleration level of the screen pointer. Choose a **Low** setting for a slower response to your finger motion on the device. Choose a **High** setting for a quicker response.
   - **Double-Tap Time:** Adjusts how fast you must tap for a double-click. Test your setting by positioning the cursor over the Test area and tapping twice.



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

Note: Touch speed and acceleration settings in Wacom Tablet Properties are independent of overall system settings. Changes you make to settings in Wacom Tablet Properties do not affect similar system settings. However, changes made to overall system settings may affect your device settings.

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Standard Gestures

The Standard Gestures tab lets you individually enable or disable pre-configured gestures. Use Standard Gestures to navigate, perform mouse clicks, scroll, zoom, or rotate.

Important: Windows does not support the Standard Gestures tab on pen display products.

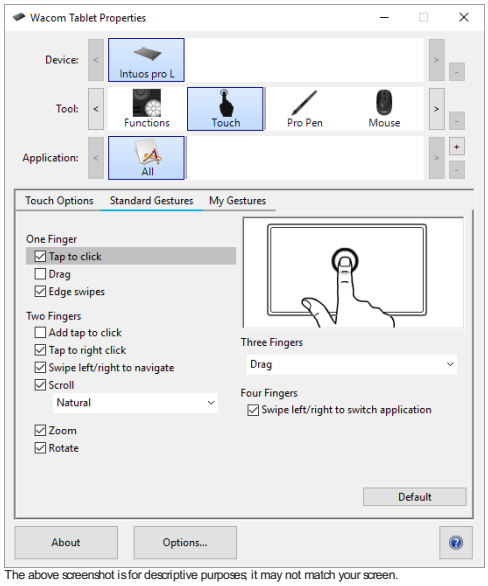
Tip: Touch is on when it is selected in the Touch Options tab, or when the toggle switch on your Wacom device is set to enable touch.

Customize Standard Gestures settings

1. Open Wacom Center.
2. Select your device in the Devices sidebar.
3. In the main content area, select **Touch & gesture settings**.
4. In Wacom Tablet Properties, select the **Standard Gestures** tab.

   Tip: Position your cursor over a touch gesture to see a static image of it. If you do not hover over a specific touch gesture, each image will display sequentially.

5. Select or deselect the One-, Two-, and Three-Finger gestures to activate or deactivate the gesture.
6. For **Scroll**, select Natural or Standard from the drop-down menu to determine the direction of movement when you are scrolling.
7. For **Three-Fingers** gestures, select your preference from the drop-down menu.



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My Gestures

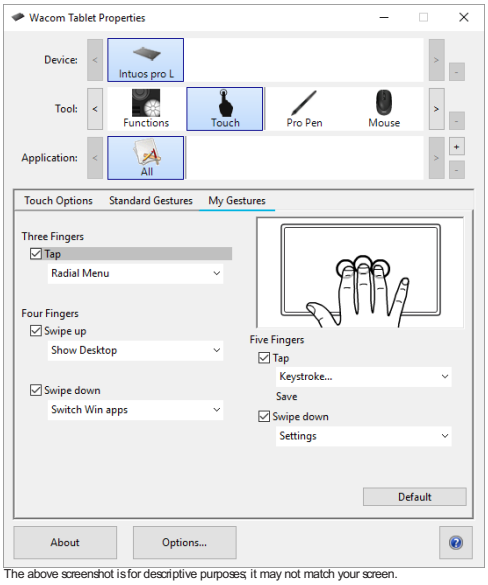
The My Gestures tab lets you individually enable or disable customized touch gestures and modify the gesture settings from the drop-down menus.

Create custom touch gestures

1. Open Wacom Center.
2. Select your device in the Devices sidebar.
3. Select **Touch & gesture settings**. You will proceed to Wacom Tablet Properties.
4. Select the **My Gestures** tab.

> **Tip:** Position your cursor over a touch gesture to see a static image of it. If you do not hover over a specific touch gesture, each image will display sequentially.

5. To enable a touch gesture, select the box next to the gesture name.
6. To modify a touch gesture, select an option from the drop-down menu.



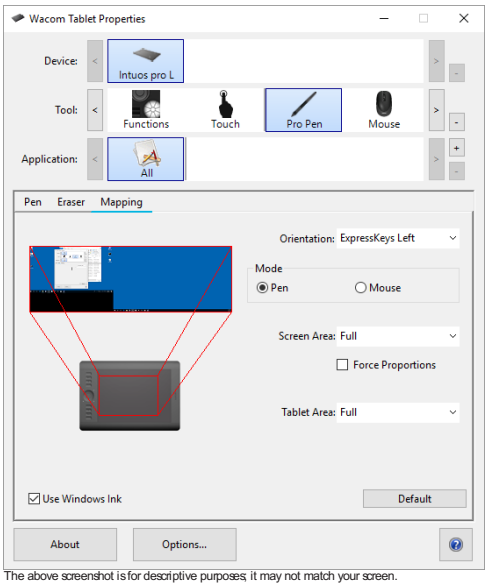
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Map your device to your monitor

You can customize how the surface of your device maps to your monitors and how your pen movements relate to the cursor movements on your monitor by selecting either Pen or Mouse mode.

Tip: If you frequently switch between Pen mode and Mouse mode, assign Mode Toggle to a customizable component, like an ExpressKey or pen button, so that you can switch at the press of a button.



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

If supported by your device, you can change the **Orientation** that your device is used in by selecting the side of the device that you want the ExpressKeys on. This setting applies to all tools and applications.

To take advantage of the pen features that Microsoft Windows supports, select Use Windows Ink.

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Map your device in pen mode

Pen mode is the default mode and the recommended setting for your device. In **Pen** mode, you use the pen like a regular pen, and you interact with the device as if it is your paper. Each point on the device maps absolutely to a specific point on your monitor, and the cursor jumps to the corresponding point on your monitor when you place your pen on the device.

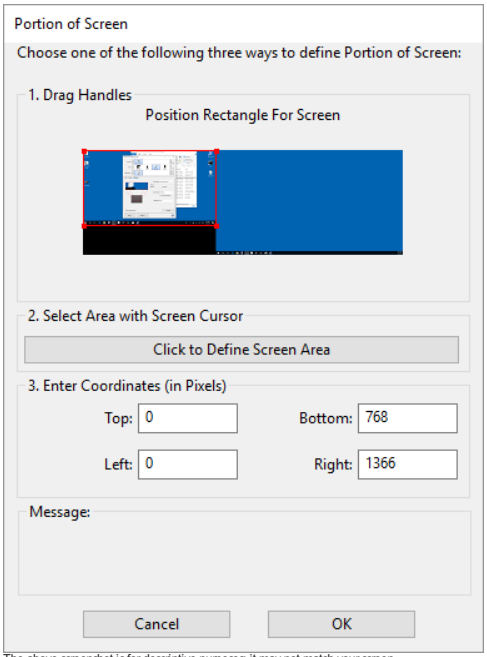
When you select **Pen** mode, you can see a representation of how your device maps to your monitors on the **Mapping** tab. If you want a different mapping than what is shown, you can change it.

1. Open Wacom Center.
2. Select your device in the Devices sidebar.
3. In the main content area, select **Mapping settings**. You will proceed to Wacom Tablet Properties.
4. From **Mode**, select **Pen**.
   - By default, the active area of the device maps to your entire monitor. If you are using more than one monitor, the device maps to all monitors.

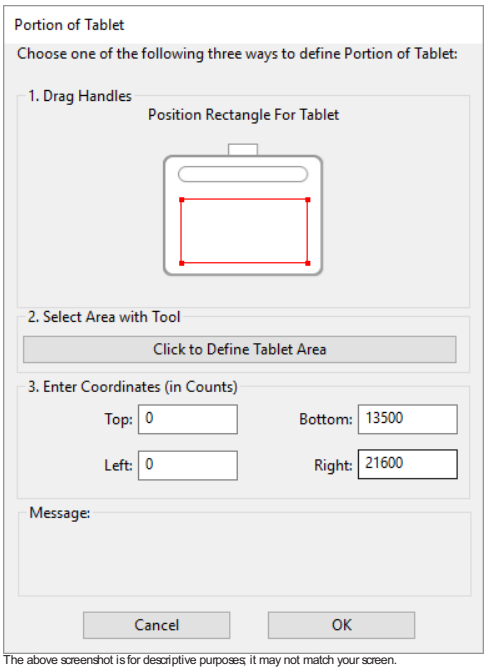
   Warning: If you change the display properties in your computer's display menu, you are also changing the mapping on this tab.

5. From **Screen Area**, select which part of your monitor that you want the device to map to:
   - Select **Full** if you want to map to the entire area of the monitors connected to your computer.
   - Select **Portion** if you want to define a section of your monitor to map to. Select the section in any of the following ways:
     - Under **Drag Handles**, drag the corners of the red border to define the screen area that you want to map to.
     - Select **Click to Define** and use your cursor to select the screen area that you want to map to.
     - **Enter Coordinates** in pixels.
   - Select a **Monitor** if you want to map to the entire area of a single monitor.
6. From **Tablet Area**, select which part of your device that you want mapped to the **Screen Area** you selected.
   - The options are similar to the **Screen Area** options.
7. Select **Force Proportions** if you want the vertical and horizontal proportions to be the same on your device as on your monitors.
   - If you select **Force Proportions** and draw a circle on the device, it displays as a circle on the screen, but a portion of the device active area may no longer be usable.
   - If you do not select **Force Proportions** and draw a circle on the device, it might display as an ellipse on the screen.

   Tip: To help you decide which setting to select, watch the red borders of the image on this tab while selecting and unselecting **Force Proportions** to see how it affects mapping.



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



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Map your device in mouse mode

In **Mouse** mode, you use the pen like a mouse. The cursor stays on the point that you left it when you pick up your pen, and you interact with your device like you interact with a mousepad or trackpad.

1. Open Wacom Center.
2. Select your device in the Devices sidebar.
3. In the main content area, select **Mapping settings**. You will proceed to Wacom Tablet Properties.
4. In the **Mode** section, select **Mouse**.
5. If desired, change the mouse settings:
   - **Mouse Height**: Move the slider to adjust how high you have to lift up off the device in order to continue moving the cursor across the screen.
   - **Mouse Acceleration**: Move the slider to adjust how far the screen cursor moves based on how quickly you are moving across the device.
   - **Mouse Speed**: Move the slider to adjust how far the screen cursor moves as you move across the device.

Tip: The best way to decide how to adjust these settings is by moving the sliders and testing how they affect your screen cursor movement. **Mouse Acceleration** and **Mouse Speed** affect each other, so be sure to move them both to see how they work together.

Warning: When you make changes to these settings, you are not changing corresponding settings in your computer's system settings. However, if you make changes to mouse settings in your computer's system settings, those changes may affect how your pen works in **Mouse** mode.

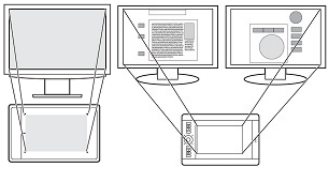
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Device active area

The active area is the area on your Wacom device that you interact with using your pen or touch (if supported). On the device, the active area might be indicated by a different color or by a pattern. The edges of the active area might be outlined or indicated with marks in the corners.

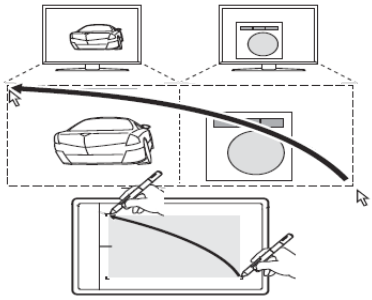
How does the device active area correspond to your monitors?

- If you have one monitor attached to your computer, the active area maps to your entire monitor.
- If you have multiple monitors attached to your computer, the active area maps to all monitors.



How does pen movement on the device correspond to what you see on the monitor?

- Wherever you place your pen on the device, the screen pointer moves to the corresponding point on the monitor.
- The screen pointer on your monitor follows your movement across the device surface.



Tips for working in the device active area

- You can customize how the device active area maps to your monitors by Opening Wacom Center, selecting your device in the Devices sidebar, then selecting **Mapping settings** in the main content area. You will proceed to the Mapping tab in Wacom Tablet Properties, where you can make your changes.
- You can toggle between working on all of your monitors at once to working on an individual monitor by using Display Toggle.
- If your device has touch functionality, you can also use gestures in the active area to perform specific functions, such as tapping twice to double-click an item. You can access the gesture options by Opening Wacom Center, selecting your device from the Devices sidebar and selecting **Touch & gestures settings** in the main content area. You will proceed to Wacom Tablet Properties, where you can make your changes on the Touch Options, Standard Gestures, or Advanced Gestures tab.

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Switch between displays using Display Toggle

You can toggle between monitors by using **Display Toggle** so that you can quickly switch between working on all of your monitors and working on an individual monitor. Display Toggle switches between the display that you set on the **Mapping** tab and each of your monitors one at a time.

1. Assign **Display Toggle** to one of your device's customizable components, such as a pen button. See general instructions for assigning a setting to a customizable component here: Customize your Wacom device.

   Note: If you mirror or duplicate your monitors or only show on one monitor, Display Toggle is not available.

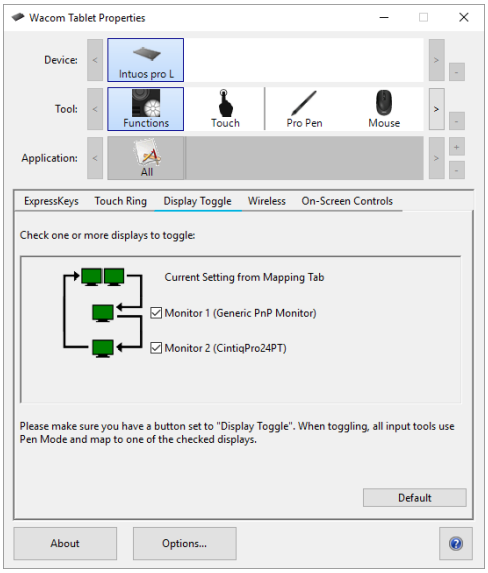
2. Open Wacom Center.
3. Select your device in the Devices sidebar.
4. Select **Display Toggle settings**. You will proceed to the Display Toggle tab in Wacom Tablet Properties.

   Note: On the Display Toggle tab, the first display option listed is the one set on the **Mapping** tab. You can optionally change it by selecting a pen from the **Tool** list and then selecting the **Mapping** tab.

   Note: Beneath that, each of your monitors is listed in the order set in your computer's display properties menu.

5. If you want the Display Toggle to skip any of your monitors, deselect it.

Now, when you engage the Display Toggle, you cycle between the display option set on the **Mapping** tab and each of your monitors.



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Wacom Support

If you encounter an issue with your pen or Wacom device, 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 device 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:** The diagnostic test instructions ("Test the Wacom device", "Test the Pen", etc.) 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 tablet

Turn on your computer. The status LED should light. There may be a short delay before the device is ready to use.

If the LED does not light, try these tests to potentially fix the issue yourself.

1. Restart your computer.
2. Inspect the cables for damage.
3. Open your computer's device manager or system information menu and verify that the USB port that the device is plugged into is working properly.
4. Make sure the cables are securely connected to your device and to your computer.
5. If you are using a USB hub, make sure the hub is securely connected to your computer. If it is and your device still does not work, disconnect the device and plug it into a USB port that is on your computer instead.
6. If you are using a USB port on your computer, try connecting the device to a different USB port on your computer. If that does not work, try connecting the device to a USB port on another computer.
7. If you are using any other tools, such as the mouse, check to make sure that they function.

If these tests do not resolve the problem, please contact Wacom Support for help.

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Test the pen

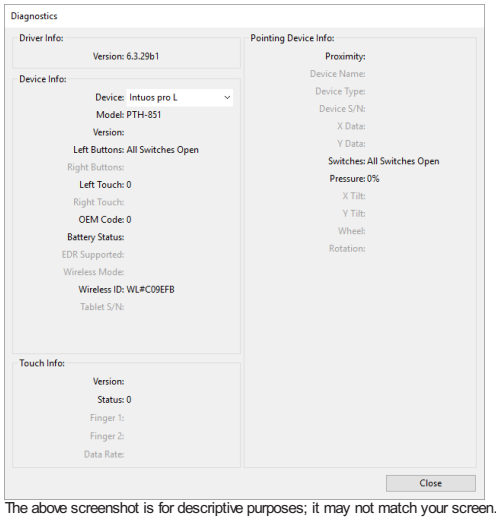
If your pen does not work as expected, check the assigned settings or reset them to their defaults. Also try the steps outlined on the Wacom Support page. If you are still having issues, use the diagnostic steps below.

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 device, your tool(s), and appropriate information for touch-sensitive devices.

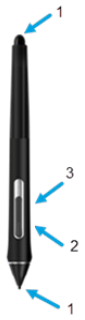


The above screenshot is for descriptive purposes; it may not match your screen.

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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Test the ExpressKeys

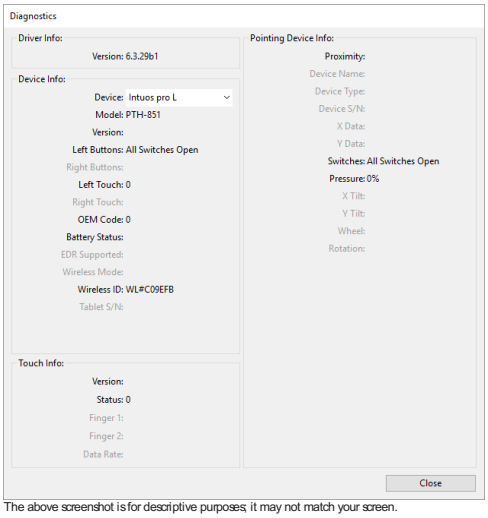
If your ExpressKeys do not work as expected, check the assigned actions or reset them to their defaults. Also try the steps outlined on the Wacom Support page. If you are still having issues, use the diagnostic steps below.

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 device, your tool(s), and appropriate information for touch-sensitive devices.

4. If more than one Wacom device is connected to your system, make sure the device you are testing is selected in the **Device** drop-down list.
5. Observe the **Device Info** column as you test each ExpressKey.
6. Test the keys by pressing them one at a time. Each time you press a key, its number is shown next to the **Left Buttons** category.
7. When you are done, click the **Close** button.

If this test fails, please contact Wacom Support.



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Test the Touch Ring

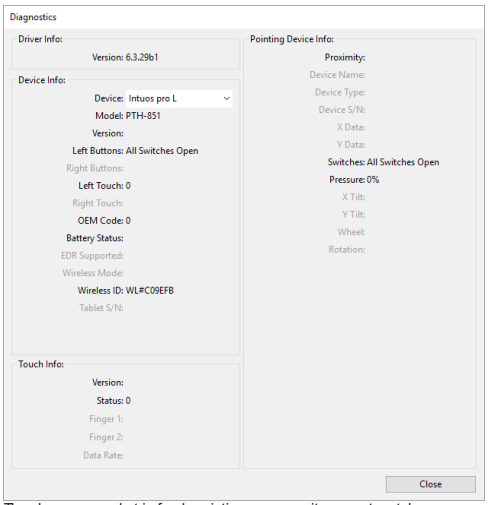
If your Touch Ring does not work as expected, check the assigned actions or reset it to the default settings. Also try the steps outlined on the Wacom Support page. If you are still having issues, use the diagnostic steps below.

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 device, your tool(s), and appropriate information for touch-sensitive devices.

4. If more than one Wacom device is connected to your system, make sure that the device you are testing is selected in the **Device** drop-down menu.
5. Observe the **Device Info** column as you test the Touch Ring.
6. Slide your finger around the entire circumference of the Touch Ring and watch the **Left Touch** number indicating your current finger position on the Touch Ring.
7. Press the center button and confirm that the **Express View** displays on the screen.
8. When you are done, click on the **Close** button.

If this test fails, please contact Wacom Support.



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Test the wireless

A status LED should light whenever the device is properly connected and your computer has recognized it as a USB device. If you encounter problems with the wireless connection, perform the following checks.

1. Verify that the wireless module is on. See Wireless connection.
2. Verify that the wireless module and receiver are properly installed. See Wireless setup.
3. Check the battery power on the Wireless tab. If the battery charge is low, connect the USB cable and charge the battery. See Battery status.
4. Switch the wireless module off, and then back on.
5. Move the device closer to the computer. Make sure there are no metal or other high density obstructions in the line of sight between the device and the computer.
6. Follow these steps:
    a. Open Wacom Tablet Properties.
    b. Click the **About** button.
    c. In the About dialog, click **Diagnose**.
    d. The Diagnostics dialog will indicate if **Wireless Mode** is on or off.

If these tests do not resolve the problem, please contact Wacom Support

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Test touch

Important: If basic touch functions work, such as the cursor tracking your finger, but other touch functions do not, reinstall the Wacom driver.

- Move your finger across the surface of the device. The cursor should move with your finger.
- Tap on an item or tap twice on a folder or program. The item should be selected or the folder or program should open.

If the tests fail, please contact Wacom Support for help.

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Glossary

Actions	Include mouse clicks, keyboard shortcuts (Ctrl+Z, etc.), navigation (scroll up or down, etc.), opening On-screen shortcuts (Grid panel, 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 or pressing an ExpressKey to "undo".
Application-specific settings	Device and tool 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 device.
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 component	Includes ExpressKeys, pen buttons, Touch rings, Rocker rings, Dials, 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.
Dial	A Dial is customizable control ring on your device. Use your finger to spin the Dial clockwise or counterclockwise to activate time-saving actions such as zoom in/out, scroll up/down, and more. Each Dial has three customizable Modes. Switch between Modes using Dial toggle.
Dial toggle	Pressing the ExpressKey assigned to Dial toggle allows you to switch between the Dial Modes. By default, Dial toggle is assigned to the center ExpressKey, but you can assign any ExpressKey to Dial toggle.
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.
Displays	An all-encompassing term that can describe a computer monitor, a laptop screen, a Wacom pen display screen, etc.
Display toggle	A feature that allows you to work with your device 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 device surface with two fingers spaced closely together, then move your fingers apart.
ExpressKeys	The customizable component buttons located on your device.
Grid panel	A rectangular On-screen shortcut.
Mode	A Dial has three Modes. You can assign actions to each Mode. Switch between Modes using Dial toggle.
Modifier	Modifier keys include Shift, Alt, and Ctrl for Windows, or Shift, Control, Command, and Option for macOS. 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.
Palm rejection	If a Wacom device supports both pen and touch input, palm rejection allows you to rest your hand on the Wacom device while using your pen without creating unwanted marks.
Pan	A motion used when navigating with touch. Touch the device surface with your fingers and move them in the same direction.
Parallax	The offset between the tip of the pen and the cursor that might display when you are drawing on a Wacom pen display.
Pen display	A Wacom device with a screen. When you draw on a Pen display, you can see what you are drawing on the Pen display's screen.

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 tip-down.
Pen tablet	A Wacom device with an opaque surface. When you draw on your device, you see what you are drawing on your computer's display screen.
Pinch	A motion used when navigating with touch. Touch the display with two fingers spaced slightly apart, then move or 'pinch' your fingers together on the device surface.
Pixel	The smallest unit of measure on your display screen.
Preset settings groups	Preset settings groups allow you to quickly change an entire group of ExpressKey or Dial settings at one time. Preset settings are configured to support specific use cases or can be fully customized.
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 device's active area where pen detection occurs.
Radial menu	A circular On-screen shortcut.
Rotate	A motion used when navigating with touch. Touch the device 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 device surface with three, four, or five fingers and sweep them quickly across the device 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 device.
Touch	A method of interacting with a computer using only your fingers on the device. May also be referred to as touch input.
Touch ring	The customizable control ring located on your device.
Touch strips	The customizable control strips located on the back of the Cintiq 22HD.
Touch sensor	The navigation area of your device 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 device surface.
USB/Bluetooth selector	A switch that allows you to easily change between host devices connected via a cable or connected wirelessly by Bluetooth.
Viewing angle	The angle at which you are viewing your pen display screen, which can affect where the cursor appears in relation to the pen tip. You can use the Pen to tip alignment feature to account for viewing angle.
Wacom Link/Wacom Link Plus Adapters	Adapters 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.
- 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 the "Resources for your Wacom device" page: www.wacom.com/download.

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About this document

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

A Quick Start Guide is an additional resource included in the box with your Wacom device and will provide you with an 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 listed 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 my 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 listed in User Help

User Help provides an in-depth look into the features of Wacom devices. This includes feature definitions, examples, screenshots, and instructions to help users make the most out of their experiences with their devices. However, 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:

- The Wacom Center help ⓘ icon.
- The Wacom Tablet Properties help icon.
- On the Resources for your Wacom device page: in the search bar, enter your product's name or model number and select the 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 macOS. 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.

Note: The Wacom Experience Program does not apply to Enterprise devices.

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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