USER'S MANUAL

DTK-1660

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Customize your device in Wacom Tablet Properties
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Access application-specific settings
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About the Wacom Cintiq 16

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

- Use the pen included with the Cintiq 16 or another Wacom pen or tool that works with the Cintiq 16.
- Interact with your device using the Express Menu and other On-Screen Controls to activate your preferred features and functions quickly and easily.

Review illustrations and information about your creative pen display and learn how to set up your Cintiq 16.

Included with your Wacom Cintiq 16

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

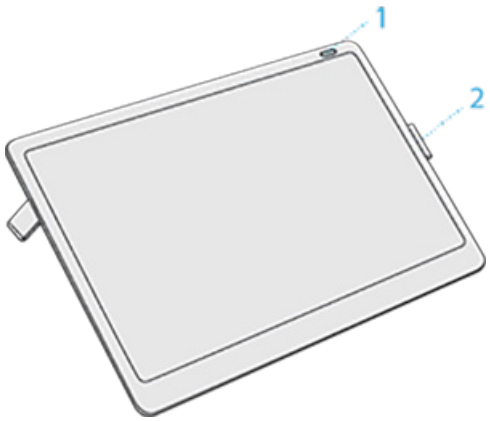
- Cintiq 16 creative pen display
- Wacom Pro Pen 2
- Pen holder with built-in nib extractor and replacement nibs (attached to the side of your Cintiq 16)
- Quick Start Guide
- 3-in-1 cable
- AC power adapter
- Power cable

Finding more information

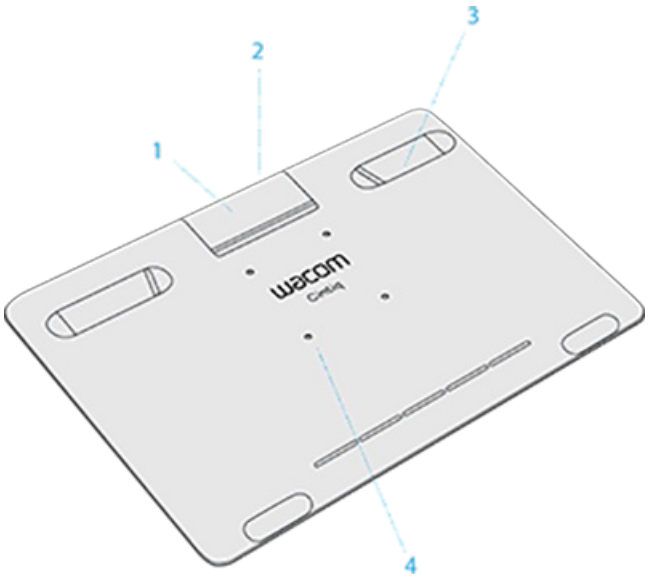
- Access FAQs and other product information on the Cintiq 16 Getting Started page of the Wacom website.
- Review the Important Product Information, which describes safety precautions, specifications, warranties, and the license agreement for your device, in the Wacom Desktop Center.

Features of your Wacom Cintiq 16

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



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



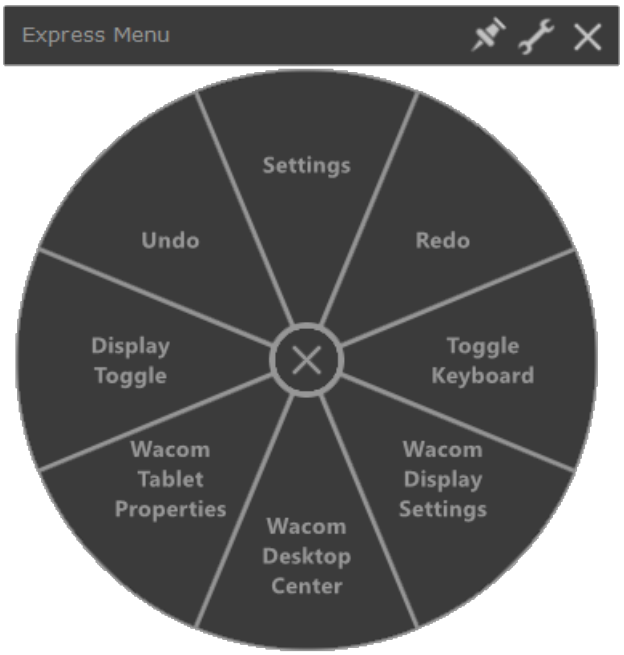
Number	Item
1	3-in-1 cable cover
2	Connection for 3-in-1 cable
3	Folding legs
4	VESA stand mounting holes

Access the Express Menu

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

To access the Express Menu:

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



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

2. The default options in the Express Menu can be changed in Wacom Tablet Properties. Customize the Express Menu settings in the **Express Menu** panel of the On-Screen Controls tab in Wacom Tablet Properties. Use the dropdowns to customize the individual menu options.

Set up your device

1. First, follow the directions in this section of user help. The Quick Start Guide included in the box contains images that can help.
    - Attach any stands that are included with your device.
    - Set up your work area.
2. After you set up your device, follow the directions in the **Get started** section of this user help so you can start using your device.
    - Connect your device to your computer.
    - Install the driver.

Set up your work area

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

Install the driver

Important: You must install the driver for your device to work properly, unless your device comes with a pre-installed driver. Refer to the Quick Start Guide to discover if your device has a pre-installed driver or not.

1. Go to the Wacom drivers page.
2. Click **Download** next to the latest driver that corresponds to your computer's operating system.
3. Follow the prompts to finish the driver installation.

Update the driver

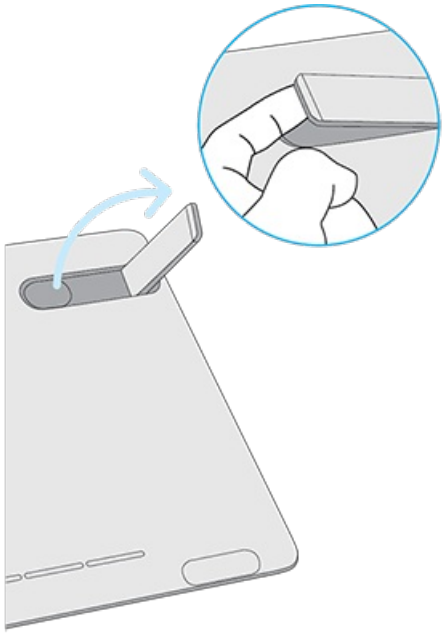
Updated drivers are available on the Wacom Desktop Center and at the Wacom drivers page periodically. Check in and update regularly so that your device has the latest features and functionality.

- From the Wacom Desktop Center, select **Updates**, and then click the update to install it.
- If the Wacom Desktop Center is not available for your device, go to the Wacom drivers page to find the latest updates.

Note: Your device will not work if you uninstall the driver. If you uninstall the driver, reinstall the latest driver from the drivers page so that your device works again. If the driver is reinstalled, your device will revert to default settings.

Stand Setup and Usage

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



In addition to the folding legs, you can use your pen display with an optional VESA stand. The VESA stand offers a larger range of incline for your pen display. To attach a VESA stand, use the mounting holes on the back of your pen display.

Get started with your creative pen display

The Quick Start Guide included in the box with your device contains images that can help you to set up your pen display.

1. Connect your device to your computer.
2. Install the driver software on your computer.

Access user help

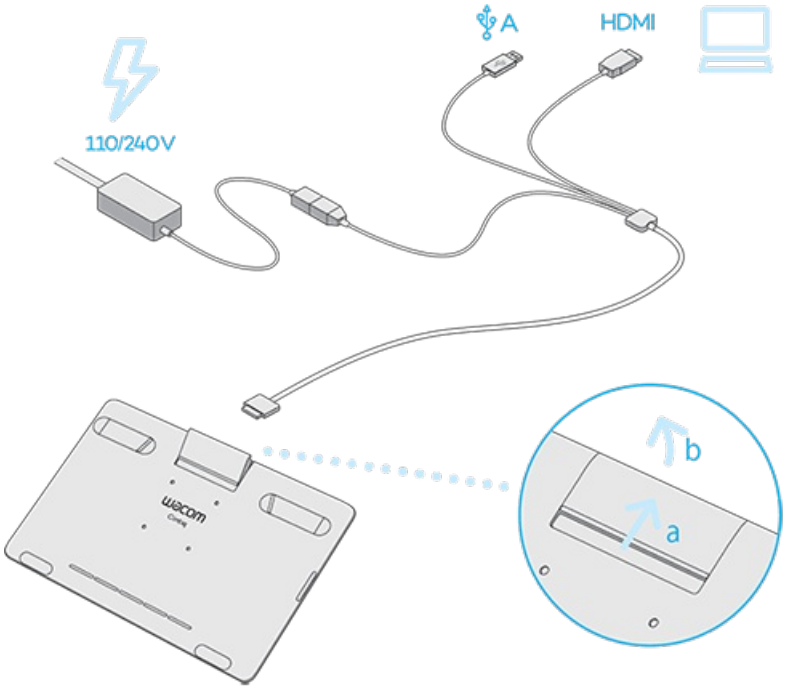
- You can access user help topics directly from Wacom Tablet Properties. When you click the **?** icon, you are directed to a help topic about the feature you are currently using.
- You can also open user help from the Wacom Desktop Center **Help** menu.
- You also can access user help from the **Product Manuals** page of the Wacom Support website.

Notes:

- User help is common to Windows and Mac computers. Screenshots are from a Windows computer, unless otherwise noted.
- Information about your specific computer hardware, operating system, and application software is not included. Refer to the product information provided with those products.

Connect to your computer

Complete the following steps to setup your device:

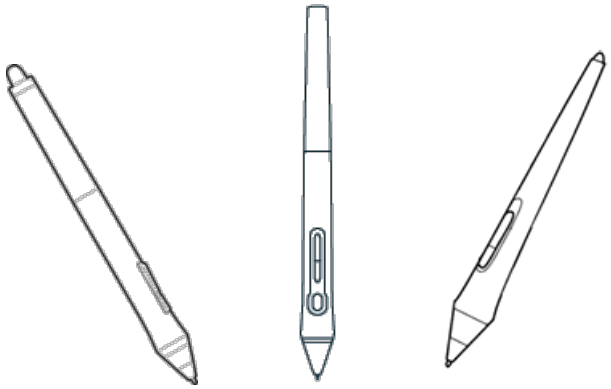


1. Remove the **cable port cover** to expose the 3-in-1 cable port.
    a. Push the cover up following the directional arrows on the cover.
    b. Pull the cover back to expose the 3-in-1 cable port.
2. Connect the **3-in-1** cable into the port on your Cintiq 16.
3. Connect the power port of the 3-in-1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

Wacom recommends that you visit the Wacom Desktop Center to check for updates for the Wacom driver and firmware.

Work with your pen

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



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

Personalize your pen with a color ring

If your pen includes color rings, you can use them to identify and personalize your pen.

1. Unscrew the cone near the pen tip.
2. Remove the color ring that is already on the pen and slide on your preferred color ring.
3. Replace the cone.

Specialty pens

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

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

Use your pen

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

Tips:

- 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.
- 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.

Important: You can customize user options that change the way your pen works with your device. Try both **Pen Button modes** to see which works best for you.

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

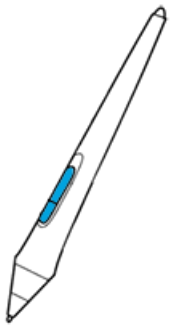
Use pen buttons as shortcuts to settings. You can view and change the assigned settings on the **Pen** tab in Wacom Tablet Properties.

Note: Some pens do not have buttons.

You activate settings 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 button.
- If your Pen Button mode is **Click & Tap**, then touch the device surface and press the pen 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.



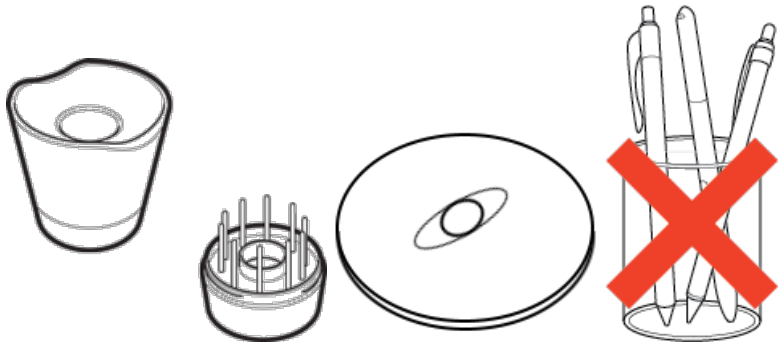
Store your pen

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

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

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

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



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

Customize your pen functions

Customize your pen functions by assigning settings 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.

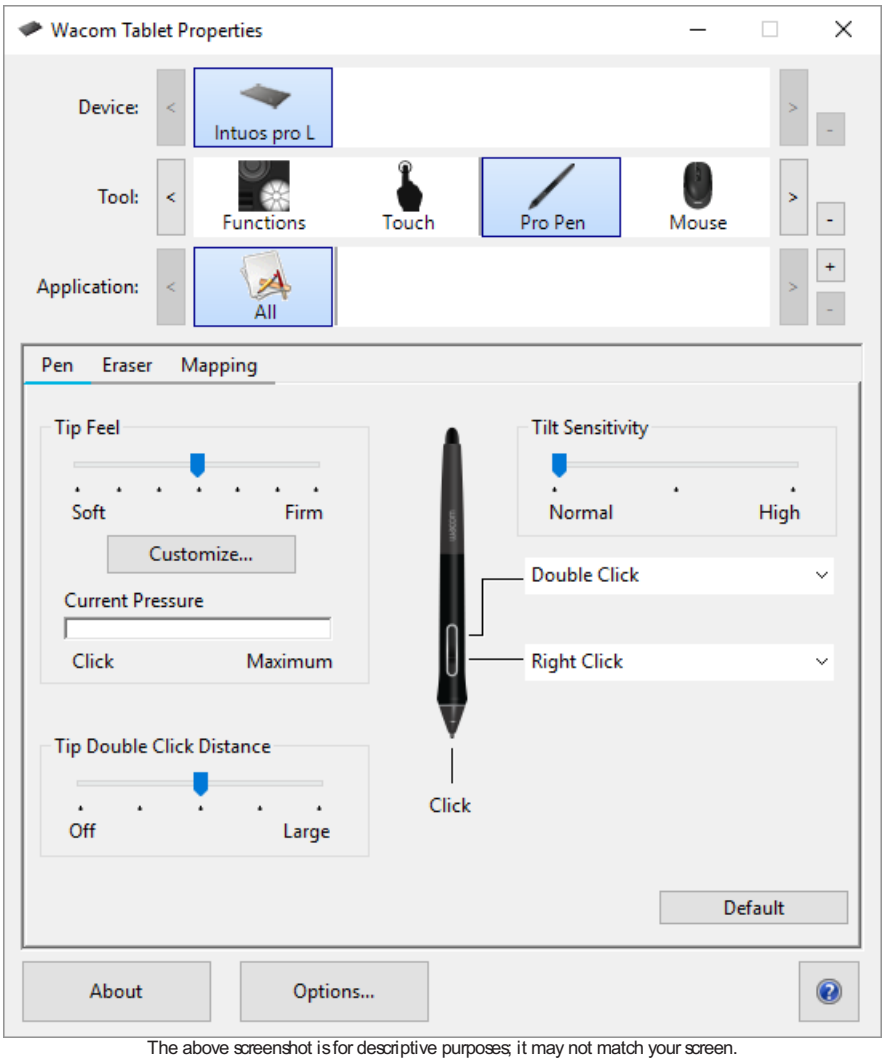
Assign settings to the pen button and pen tip

1. Open Wacom Tablet Properties.

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

2. If there is a **Tool** row, select your pen.
3. Select the **Pen** tab.
4. For each of the pen buttons, select the setting you want from the drop-down menu next to the pen.
5. For the pen tip, double-click the pen tip in the image to display a drop-down menu. Then, select a setting for the pen to perform when you tap the tablet surface with it.

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



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

Customize other pen properties

- **Tip Double Click Distance**: To change the distance between your pen and the tablet surface during a double-click, move the slider.
- **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.
- **Options**: To select the way you right-click with the pen, click Options and select a different **Pen Button Mode**.
- **Tilt Sensitivity**: To change how much the tilt of your hand affects your pen strokes, drag the slider. Open an application that supports tilt to test while you are adjusting, so you can see how your changes affect your strokes.
- **Pen Feel Details**: To change the tip sensitivity, click **Customize** and adjust advanced pen and eraser options.

Tips:

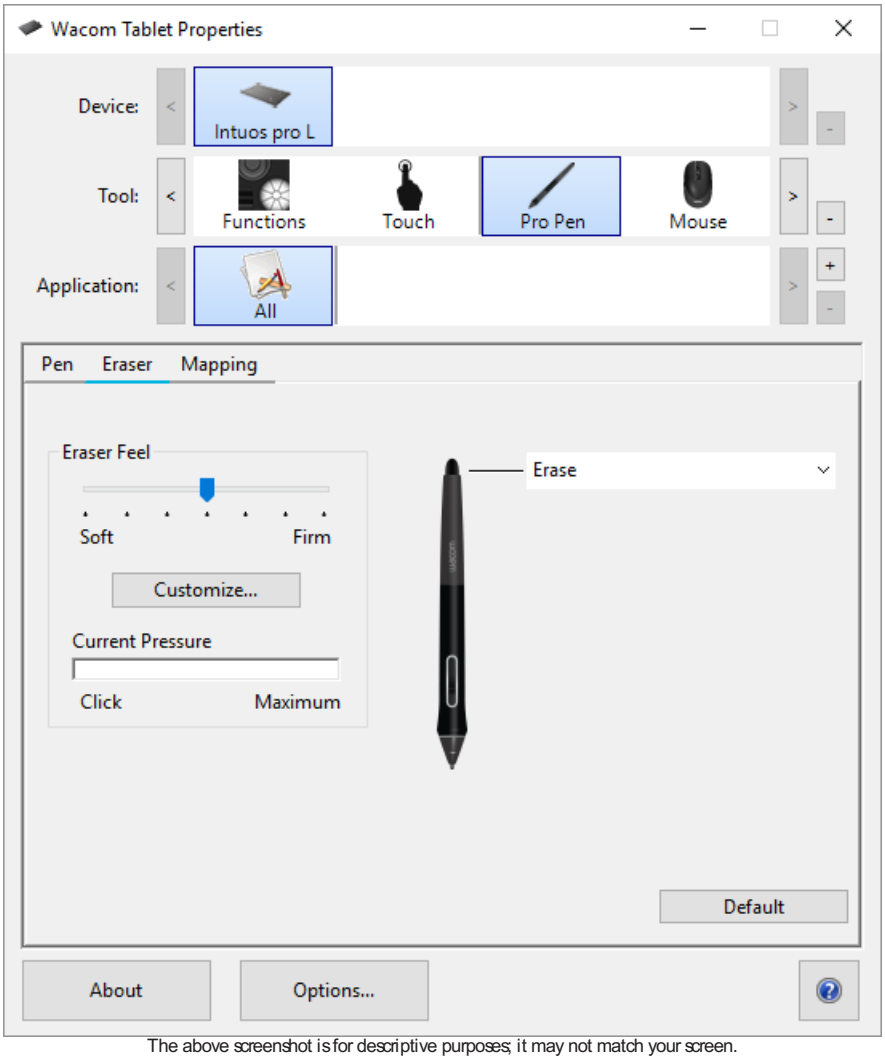
- Set the pen tip to **Click** and one of the pen buttons to **Double-Click**.
- If you want a narrower range of pressure values in a pressure-sensitive application, select a soft **Tip Feel**.
- If the pen overreacts to slight pressure, try a firmer **Tip Feel** setting.
- If you notice a delay at the 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.

- You can return the pen to default settings by going to the **Pen** tab in Wacom Tablet Properties and clicking **Default**.

Eraser

Select the Eraser tab to adjust eraser sensitivity.



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

- Use the **Eraser Feel** slider to customize the amount of pressure needed to erase.
- From the **Erase** dropdown menu, select the function to perform when using the eraser.
- 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.

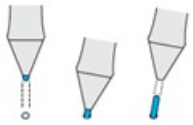
Replace the pen nib

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

1. Grab the old nib and pull it out of the pen.

   You can also use the nib removal tool to remove your pen nib. There is a small hole in the pen stand, case, pen end, or pen holder depending on what was included with your device.

Nib removal tool



Hole in stand or case

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

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

Where to find replacement nibs

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

- If your device included a pen case, check there.
- If your device has a removable compartment cover on the back, slide it open.
- If your device included a pen stand, unscrew the pen stand.
  - **Tip for the Pro Pen 2 stand**: To screw the stand back together, line up the dots on the bottom of the stand and the recess. Then, gently guide the bottom of the stand to the right until you feel it click into place.
- If you device includes a pen holder attachment, check there.

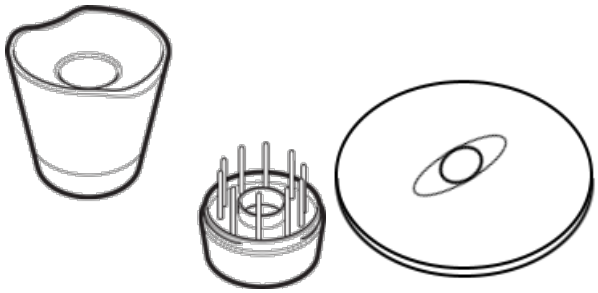
If you need more nibs, you can purchase them from the Wacom Store.

Where to find the nib replacement tool

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

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

- On the bottom of your pen stand
- On the pen storage case
- On the pen holder attached to your device



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

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 and the Windows Ink Workspace.

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

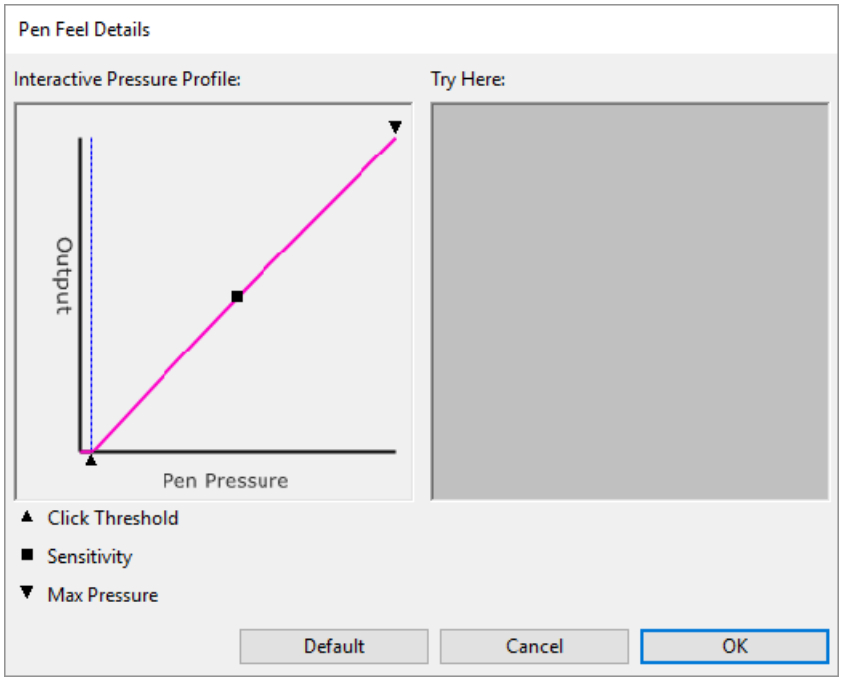
Note: The Pen Flicks and press-and-hold-to-right-click features are disabled in some graphics applications.

Windows Ink is ON by default. If you want to turn OFF Windows Ink, unselect **Use Windows Ink** in Wacom Tablet Properties.

Advanced pen and eraser

To further customize tip or eraser pressure settings, select the Pen or Eraser tab and then click the **Customize** button. 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.



- 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: In the Pen and Eraser tabs, pressure and sensitivity settings are adjusted with the **Tip Feel** or **Eraser Feel** slider, which will override the advanced pressure settings.

Customize your device in Wacom Tablet Properties

You can customize your device, pen, and other tools in Wacom Tablet Properties so that they work the way you want. Open Wacom Tablet Properties to view the settings you can customize.

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

What can I customize in Wacom Tablet Properties?

- Assign **Functions** to components like ExpressKeys™, Touch Rings, Rocker Rings, Touch Strips, pen buttons, and the pen tip.
- Select the settings that you want **Touch** gestures to activate.
- Assign settings that change depending on which application you are using by creating **Application Specific** settings.
- Create and assign **On-Screen Controls**, such as Screen Key panels and Radial menus.
- Define which devices to switch between when you **Display Toggle**, if you are using multiple devices or monitors.
- Return the settings on the tab that you are viewing to **Default** settings.
- Set advanced **Options**, such as how your pen tip performs clicks.

Where can I access settings and other options in Wacom Tablet Properties?

- **Device list**
  - There is an icon in this list for each device that is currently connected to your computer. To add a new device to this list, connect it to your computer.
  - Select a device from the **Device** list to view the **Functions** and **Touch** settings for it.
  - For some products, the Device List will not be present when only one tablet is attached.
- **Tool list**
  - There is an icon in this list for each tool that you recently used on this device. To add a new tool to this list, use the tool on your device.
  - Select a tool to view the settings for it.
  - Select **Functions** to view the settings for the device that you selected from the Device list, such as settings for ExpressKeys™ and Touch Rings.
  - For some products, the Tool List will not be present.
- **Application list**
  - Select **All** from the **Application** list to view the settings that apply across all applications.
  - If you created Application Specific Settings, select an application icon from the **Application** list to view the settings that are specific to that application.
- **About button**: Select **About** to view software version information and access the **Diagnose** tool that can help you test your device.
- **? icon**: Select the **?** icon to view User Help topics for the settings that you are currently viewing.

Open Wacom Tablet Properties

Once you open Wacom Tablet Properties, you can view customizable settings for your device and tools.

Note: The tabs and options that you see in Wacom Tablet Properties will vary depending on your device.

To open Wacom Tablet Properties:

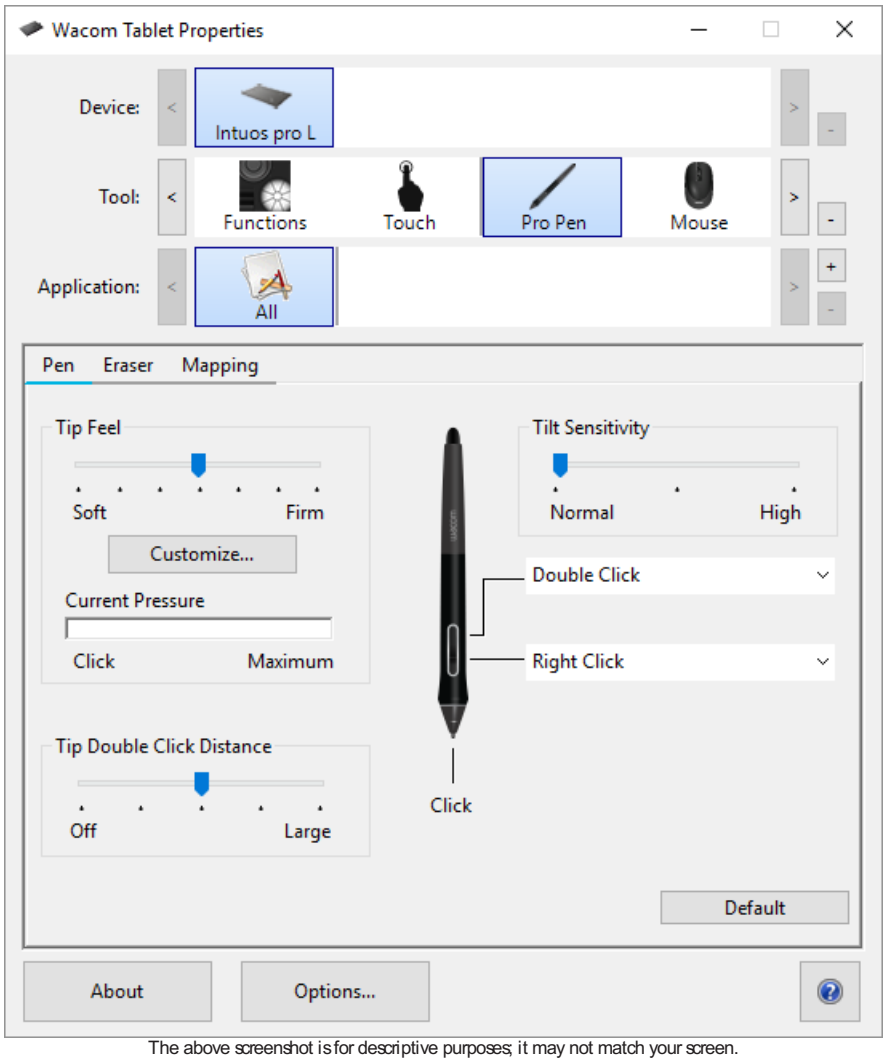
- **Windows and Mac:** If supported by your device, you can open Wacom Tablet Properties from the **Wacom Desktop Center**. Click on the name of your device under **My Devices**, and then select one of the settings.
- **Windows 10**: Click on the Windows Start button and select **Wacom Tablet** > **Wacom Tablet Properties**.
- **Windows 8.1**: Right-click in the bottom left-hand corner of the Start screen. Select **Wacom Tablet** > **Wacom Tablet Properties**.
- **Windows 8.1 Classic View**: Press the Windows key on your keyboard or select the Windows icon in the Charms bar to access the Start screen. Right-click in the bottom left-hand corner of the screen. Select **Wacom Tablet** > **Wacom Tablet Properties**.
- **Windows 7:** Click on the Windows Start button and select **All Programs**. Select **Wacom Tablet** > **Wacom Tablet Properties**.
- **Mac:** Open **System Preferences** from the Apple menu or from the Applications folder and click on the **Wacom Tablet** icon.

Assign settings in Wacom Tablet Properties

You can set a customizable component of your device to perform a specific function so that you can easily access your frequently used settings. Some examples of customizable components are ExpressKeys™, pen buttons, the pen tip, Touch Rings, Rocker Rings, On-Screen Controls, touch gestures, and Touch Strips.

Note: The customizable components and the options available in Wacom Tablet Properties may vary depending on your device.

1. Open Wacom Tablet Properties.
   - **Note:** Make sure that your device is connected to your computer or Wacom Tablet Properties will not open.



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

2. Select your **Device**.
   - Any settings that you customize apply to this device only, except for On-Screen Controls.
   - For some products, the Device List will not be present when only one tablet is attached.
3. Select the **Tool** you want to customize.
   - If you want to assign settings to customizable components, like ExpressKeys™ or On-Screen Controls, select **Functions** from **Tools**.
   - If you want to assign settings to your pen or touch, choose the corresponding icon from **Tools**.
   - For some products, the Tool List will not be present.

4. Select the tab of the component you want to change.
5. From the drop-down menu next to the component that you want to customize, select the setting that you want to assign to it.
    - Any changes you make take effect immediately.
6. Engage the component that you customized, and the setting that you assigned is performed.

Tip: You can assign settings that apply only in a specific application.

Example of assigning a setting in Wacom Tablet Properties

Here is how you can customize a pen button to **Zoom In**.

- Open Wacom Tablet Properties.
- Select your pen from the **Tool** list.
- Select the **Pen** tab.
    - An image of your pen is displayed on the tab.
    - Each pen button has a drop-down menu next to it that tells you the current setting assigned to it.
- From the drop-down next to one of the pen buttons, select **Zoom In**.
- Press that pen button, and your application zooms in.

What settings can I assign?

You can change the settings assigned to ExpressKeys™, Touch Rings, On-Screen Controls, pen buttons, and other customizable components of your device in Wacom Tablet Properties. Then, when you engage that component, such as pressing an ExpressKey or pen button, the function that you assigned to it is performed.

Refer to this list of settings to help you decide if you want to change any settings that are already assigned.

Note: The available features and customizable components in this list may vary depending on your device. Refer to the drop-down menus on the **settings** tabs in Wacom Tablet Properties to see which options are available for the components specific to your device.

⚠ **Warning:** Make sure that the **Click** setting is assigned to at least one customizable component so you can always navigate and click.

4th click or 5th click	Performs a 4th or 5th mouse button click.
Application Defined	The application you are working in assigned a setting for this component.
Auto Scroll/Zoom	Assign this setting to the Touch Ring to zoom in most graphics applications or scroll in most other applications. Refer to the documentation for the application you are working in to see which setting has been assigned.
Back	Returns you to the previous step, similar to how Back works in browsers.
Click	Performs a mouse button click.
Click Lock	Presses and holds the mouse button. • Begin the click lock by engaging a component, and then engage it again to release it. For example, if **Click Lock** is assigned to a pen button, press the pen button once to begin Click Lock and press it again to release the lock. **Tip**: Click Lock is helpful when you are dragging objects and selecting blocks of text.
Default	Resets the component to its default setting.
Disabled	Disables the component so that when you engage the component, such as pressing the pen button, nothing happens.
Display Toggle	Toggles between your devices and monitors, if you are using your device with multiple monitors or devices.
Double Click	Performs a double-click. **Tip**: For easier double-clicking, assign this setting to a 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.
Ink Toggle (Mac)	Toggles Ink on and off. • When Handwriting recognition is turned on, Ink recognizes and converts your handwriting into text and inserts it into a document.
Keystroke	Performs the keystroke or combination of keystrokes that you assign. When you select **Keystroke**, the **Define Keystroke** window appears so you can select a keystroke or create a keystroke combination.
Launchpad	Displays the Launchpad menu, where you can start applications.
Middle Click	Performs a middle mouse button click.
Mode Toggle	Assign this setting 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. • 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 modifier (Shift, Alt, Ctrl, Option, Command) plus a mouse button click or mouse wheel scroll. • When you select **Modifier**, the **Define Modifier** window appears. • Select the modifier and then select a mouse button click or mouse wheel scroll to assign that combination.
On-Screen Controls	Displays the On-Screen Control that you select. • When you select **On-Screen Controls**, the list of Screen Key panels, Radial Menus, and Keypads from the On-Screen Controls tab appears. • Select the On-Screen Control that you want to assign.
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 in a document or item by moving the pen tip up and down or right and left. When you select **Pan/Scroll**, the **Scroll Speed** window appears. Move the slider to your preferred scrolling speed.

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 button while moving your pen.
	• To zoom, press and hold the button 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.
	Notes
	• If the application does not support Pan/Zoom, the following happens instead:
	  ◦ Pressing the button while hovering activates a Ctrl + Right-Click.
	  ◦ Pressing the button while touching the surface activates a mouse wheel scroll.
	• When you select **Pan/Zoom** to assign it to a button, the **Zoom Speed** window appears. Move the slider to your preferred zooming speed.
	• Changing the pen button mode does not affect this setting.

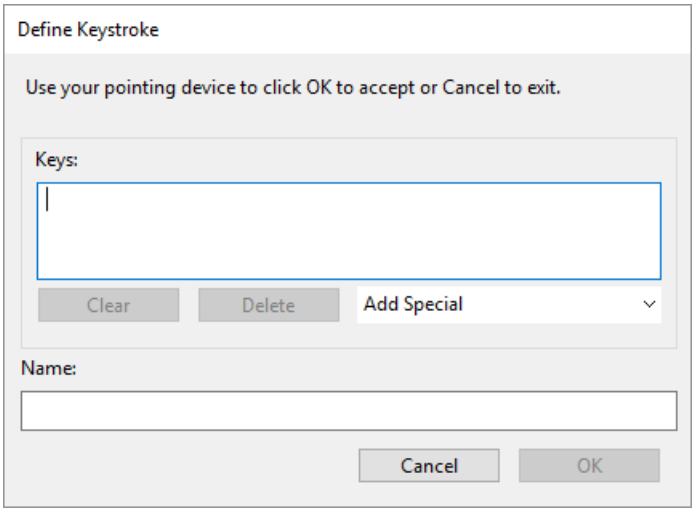
Precision Mode	Toggles between normal precision and a precision that you choose, from **Fine** to **Ultra Fine**. • In the **Precision Mode** window that appears, move the slider to set the precision that you toggle into. • For example, if you assign Precision Mode to a pen button, when you press the pen button, you switch to working in the precision that you selected from the slider. When you press the pen button again, you switch back to working in the normal precision.
Pressure Hold	Locks the pressure at the current level until you release the component. For example, if you assign this setting to a pen button, you can paint with pressure sensitivity enabled in your application until you reach the brush size you like. Then, press and hold the pen button to lock in that brush size as long as you are pressing and holding the button.
Right Click	Performs a right mouse button click.
Scroll	Scrolls when you use the Touch Ring.
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 any item that displays to open Wacom Tablet Properties so you can adjust setting assignments, if desired.
Show Desktop	Minimizes all open windows so you can view your desktop.
	Assign this setting to the Touch Ring center button so you can skip one of the settings that you assigned to the

Skip	Touch Ring.
Switch Application	Toggles between the applications that you have open.
Tablet PC Settings	Displays the Tablet PC Settings menu.
Touch On/Off	Toggles touch on and off. This setting is not available on devices that have a built-in touch on/off switch or button.
Tumble	Tumbles, orbits, or rotates items in 3D applications. If the application does not support Tumble, pressing the button activates a middle-click instead.
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 button while touching the pen tip to the device surface and move 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. **Notes** • If the application does not support Zoom, pressing the button activates a mouse wheel scroll instead. • When you select **Zoom** to assign it, the **Zoom Speed** window appears. Move the slider to your preferred zooming speed. • Changing the pen button mode does not affect this setting.
Zoom In	Zooms your active application in.
Zoom Out	Zooms your active application out.

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 function 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. Go to Wacom Tablet Properties.
2. Select **Keystroke** from the drop-down menu of one of your device's customizable components. The **Define Keystroke** window appears.



3. In the **Keys** box, enter the keystroke that you want to assign. If you want to assign a combination of keystrokes, enter each keystroke that you want in the combination.
   - You can enter letters, numbers, function keys, and modifier keys. You can also choose combinations from the **Add Special** drop-down.
   - Click **Delete** to remove only the last keystroke you entered.
   - Click **Clear** to remove all the keystrokes you entered so you can start over.

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

4. Enter a **Name** for your keystroke and click **OK**.
   - The name appears on On-Screen Controls, 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**.

Tip: You can assign different keystroke combinations to the same customizable component for different applications.

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

Calibration

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

1. Set up your pen display in its working position.
2. Open Wacom Tablet Properties. If more than one pen display is installed on your system, select the one you are working with from the **Device** list.
3. Select a pen from the **Tool** list.
4. Select the **Calibrate** tab.
5. If you are working with multiple monitors, select the monitor corresponding to your pen display from the dropdown menu.
6. Click **Calibrate**... to activate the calibration screen.
7. Holding the pen, sit or stand as you normally would when working with the pen display. Use the pen tip to click on the center of the crosshairs in the upper-left corner.
8. Click on the center of the crosshairs that are displayed in the remaining corners.
9. Test the alignment by positioning the pen at a few different points on the display.
10. Click **OK** to accept the calibration, or **Try Again** to recalibrate.

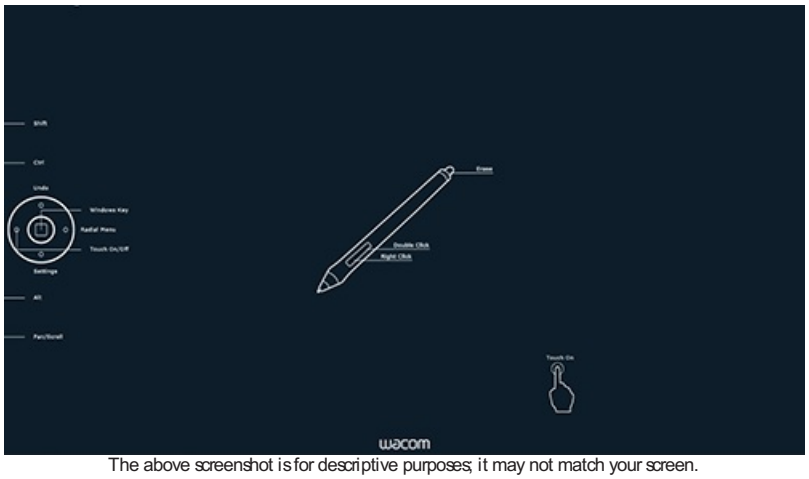
Settings View

You can view the current settings for the ExpressKeys™, Rocker Ring, Touch Ring, Center or Home button, Touch Strips, Touch on/off, and the pen for your Pen Display at any time. Your display will vary, depending on model.

To use Settings View:

- In the Tablet Properties ExpressKeys™ tab, set an ExpressKey to **Settings**.
- To view the settings on the screen, press that ExpressKey.
- To close the Settings View screen, click on it with your mouse, tap it with your pen, or press the ExpressKey a second time.
- To open the Tablet Properties tab for **ExpressKeys™**, **Pen,** or **Touch,** click the **Properties**... button for that item on the Settings View screen.

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



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

Note: Some applications can override and control the ExpressKey functions.

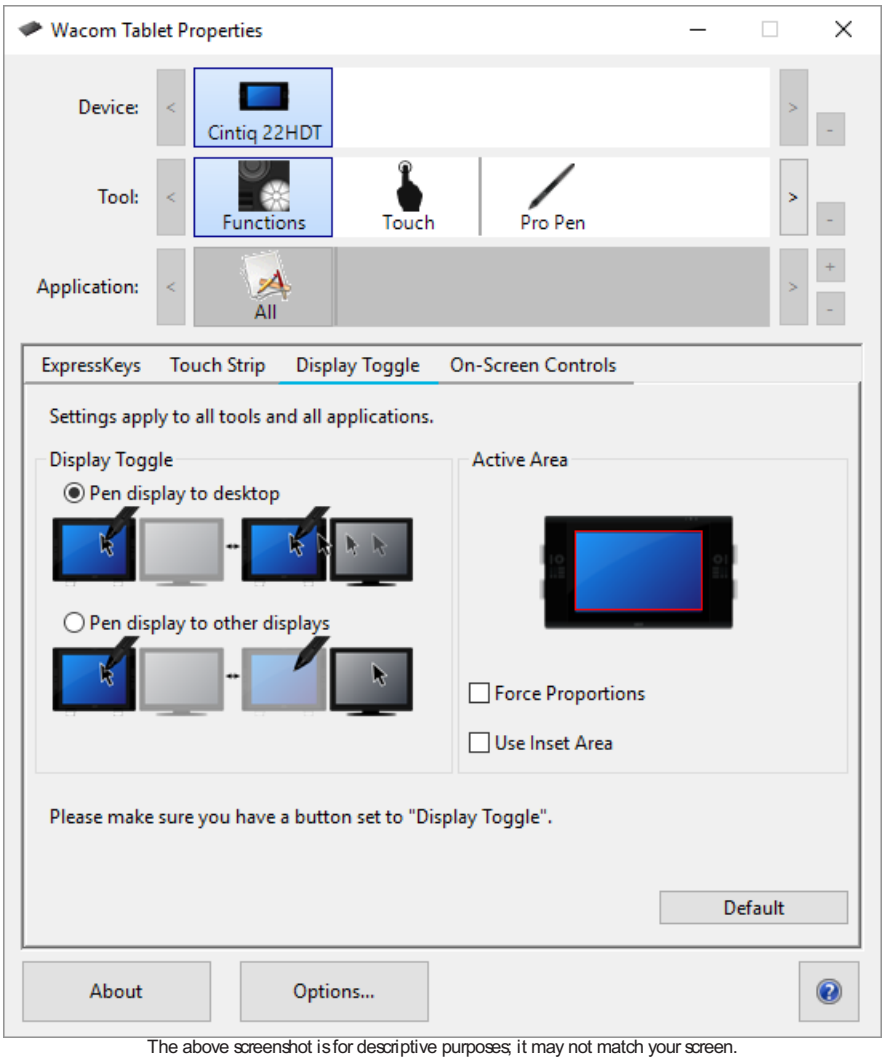
Display Toggle

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

In Wacom Tablet Properties, the Display Toggle tab is automatically available when your pen tablet is installed on a multi-monitor system. This tab lets you select the monitor(s) to be included in the toggle sequence.

After setting an ExpressKey or pen button to Display Toggle, you can use it to toggle the current tablet mapping between a base mapping and other monitors. The display options are:

- **Pen display to desktop** toggles the screen cursor from your pen display to the entire system desktop. Press the button a second time to return the cursor to pen display.
- **Pen display to other displays** toggles the screen cursor from your pen display to another active pen display or monitor. The cursor toggles to each connected display in turn, then returns to the device where the first toggle began.



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

- **Active Area** options determine the size of the area where the pen will function on the pen display.
- **Force Proportions** adjusts the size of the active area to maintain correct vertical and horizontal proportions between your pen display and the entire desktop or display. Depending on your settings, some portions of the active area may no longer be usable when this option is selected. When deselected, the correct scale or proportions are not maintained.
- **Use Inset Area** limits the active area to a sizing of 6 x 8 inches. If **Force Proportions** is also selected, this sizing may be

less. When deselected, as much of the active area as possible will be used for tablet-to-display mapping.

Important: When using application-specific settings with Display Toggle, be sure that each customized application in the **Application** list (including **All Other**) has a tool button or ExpressKey assigned to Display Toggle.

Any of the following actions will return the toggle sequence to the base mapping:

- Launching a graphics application that supports pressure sensitivity.
- Logging out of or rebooting the system.
- Switching users.
- Placing the system in sleep mode.
- Changing the Display Toggle settings.
- Changing the resolution or number of displays on your system.
- Using the Mode Toggle... function.
- Selecting Pen Mode or Mouse Mode from On-Screen Controls.

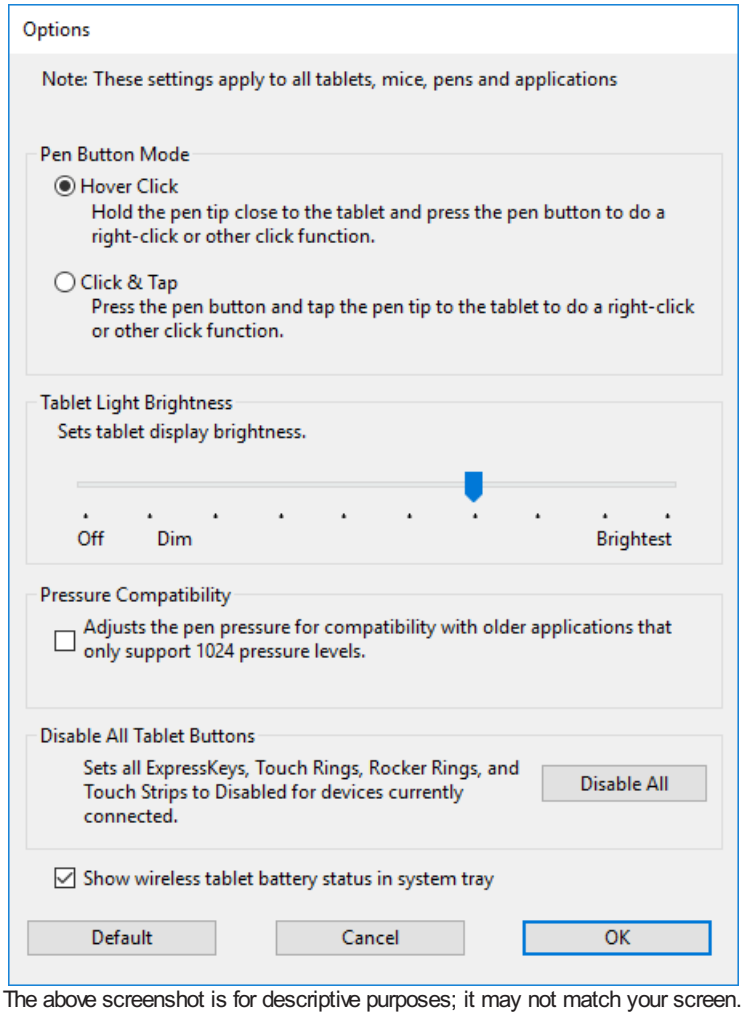
Note: The Display Toggle feature is not available on devices in mobile mode.

Customize user options

Click on **Options** in Wacom Tablet Properties to customize pen button mode and other preferences for your device.

Note: The available options may vary depending on your device.

- **Hover Click** is the default and allows you to click by pressing the pen button while holding the pen tip slightly above the device surface.
- Select **Click & Tap** if you want to click by pressing the pen button and tapping the pen tip to the device surface.
  - Choose this option for more precise placement of clicks.
- Move the **Brightness Adjustment** slider to adjust the brightness level or to turn off status LEDs and active area markers.
- For devices that support wireless, select **Show wireless tablet battery** if you want to display the battery status icon in your system tray during wireless operation.
- To disable all ExpressKeys™, Touch Rings, Rocker Rings, and Touch Strips, click the **Disable All Tablet Buttons** button.



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

Use On-Screen Controls as shortcuts

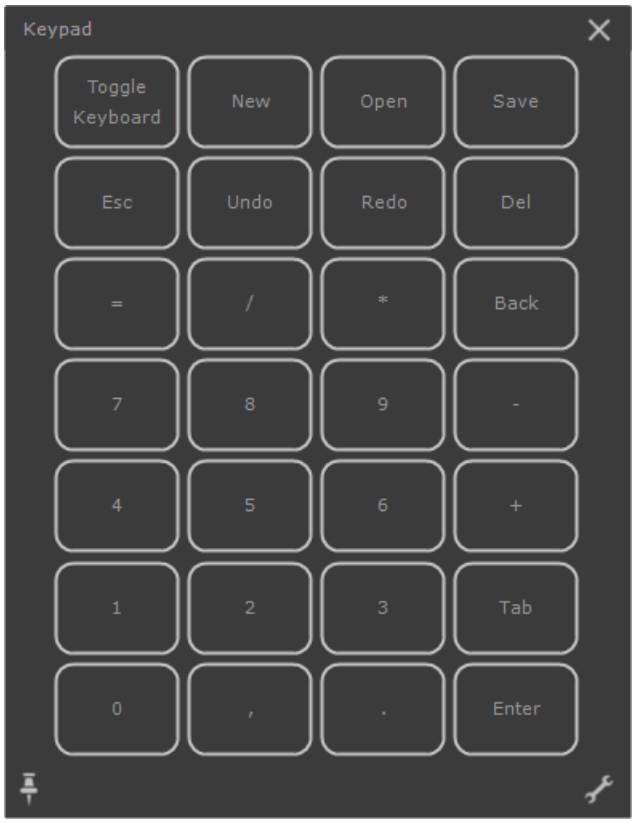
On-Screen Controls are menus that display on your pen display screen or monitor. You can use On-Screen Controls as shortcuts to the settings that you use the most.

How to create and use an On-Screen Control

1. Create a new On-Screen Control.
2. Assign settings to the Radial Menus, Screen Keys and Keypads that you created.
3. Assign the On-Screen Control to a customizable component of your device, such as an ExpressKey™ or pen button.
4. Press the button, ExpressKey™, or other component to open the On-Screen Control.
    - For example, if you assigned an On-Screen Control to an ExpressKey™, press the ExpressKey™ to display the On-Screen Control.
5. Click a button or slice in the On-Screen Control to activate the setting you assigned.
    - For example, if you assigned **Zoom In** to a Screen Key, click that Screen Key to zoom in.

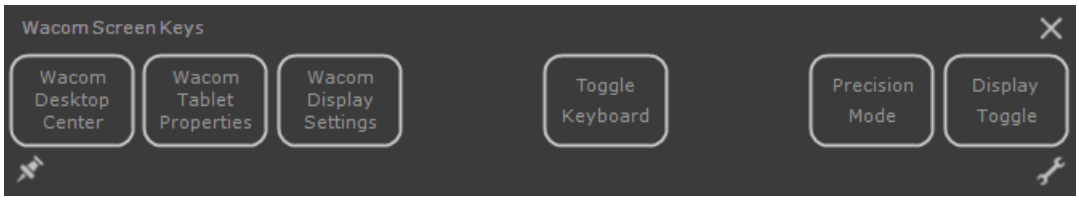
Tip: Instead of opening the On-Screen Control every time you need it, you can select the push pin icon to keep it open at all times.

On-Screen Control layouts

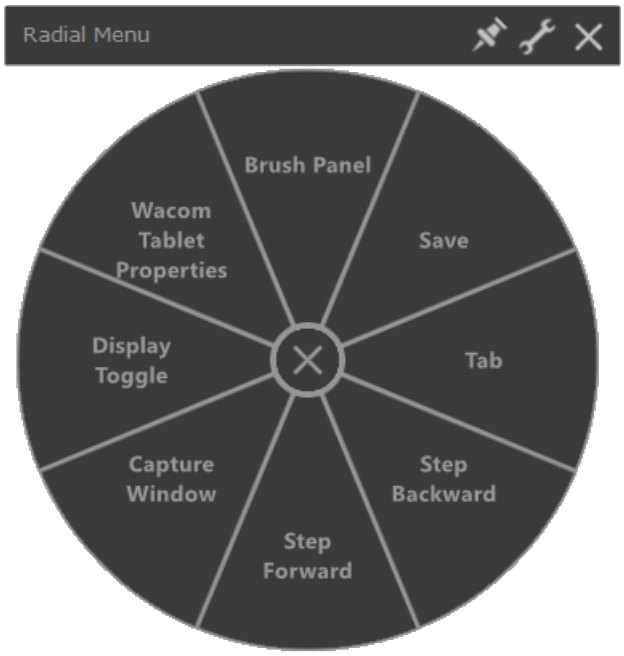


Keypad: A Keypad is a similar to your keyboard keypad, displayed on your monitor.

Screen Key panel: A



Screen Key panel is a row of buttons that displays in the layout you choose.



Radial menu: A Radial menu is a circle split into slices, and each slice has its own setting.

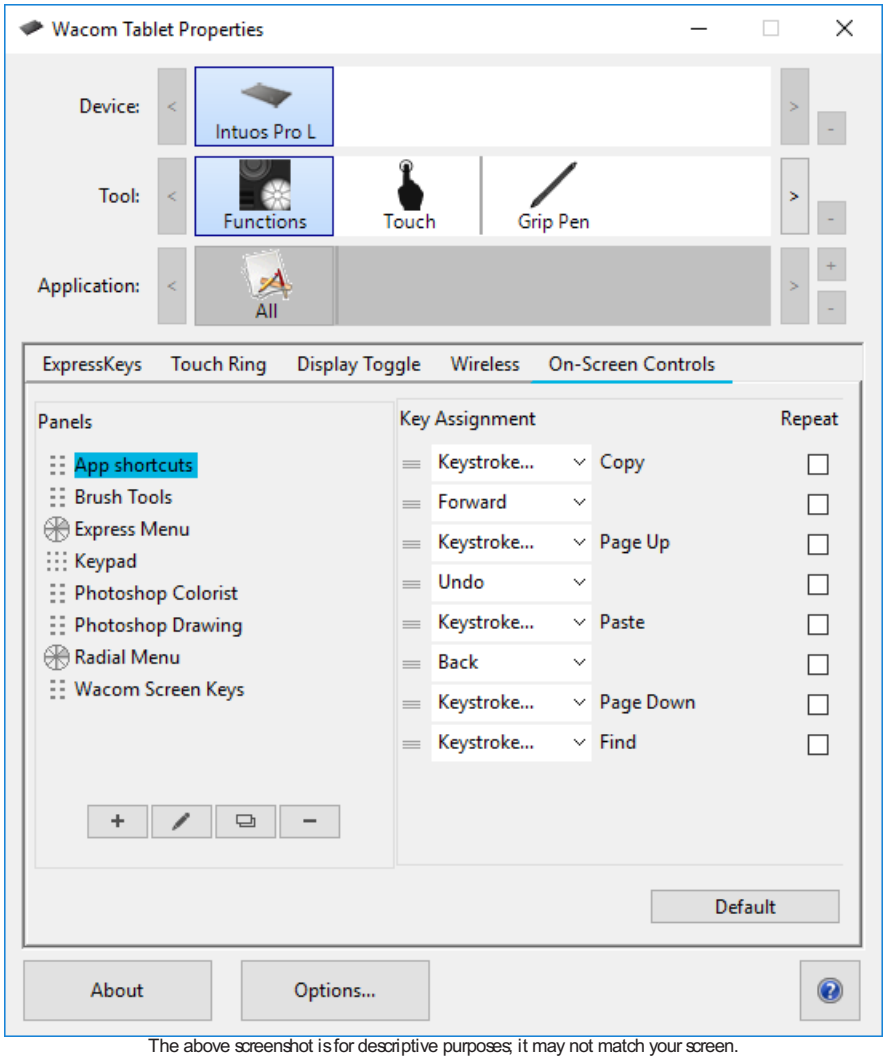
Tip: You can select the wrench icon to open Wacom Tablet Properties.

Create On-Screen Controls

You must first create a new On-Screen Control, or copy an existing one, and then you can assign settings to it.

Important: On-Screen Controls are not specific to a device. You can assign them to a customizable component of any device that appears in Wacom Tablet Properties.

1. Open Wacom Tablet Properties.
2. Select **Functions** from the **Tool** list.
3. Select the **On-Screen Controls** tab.

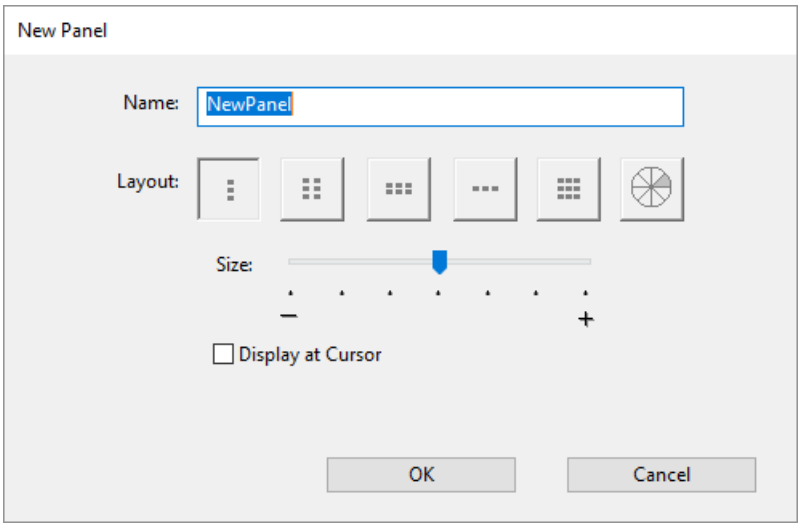


The above screenshot is for descriptive purposes; it may not match your screen.

4. Select + if you want to create a new On-Screen Control or select ⧉ if you want to copy an existing one.

   Note: You can also select an existing On-Screen Control and click ✎ to edit it or − to delete it.

5. In the window that appears, enter a **Name** and select a **Layout** by clicking one of the layout buttons.



- You can move the **Size** slider to change the size of the On-Screen Control when it appears on your screen.
- You can select **Display at Cursor** if you want the On-Screen Control to appear next to your cursor when you open it. If you do not select this, the On-Screen Control appears in the same location every time you open it.

6. Click **OK**.
   - The On-Screen Control that you just created appears in the **Panels** list on the **On-Screen Controls** tab.
7. Assign settings to your Radial Menus, Screen Keys and Keypads.

Tip: You can create an On-Screen Control and then switch the layout whenever you want.

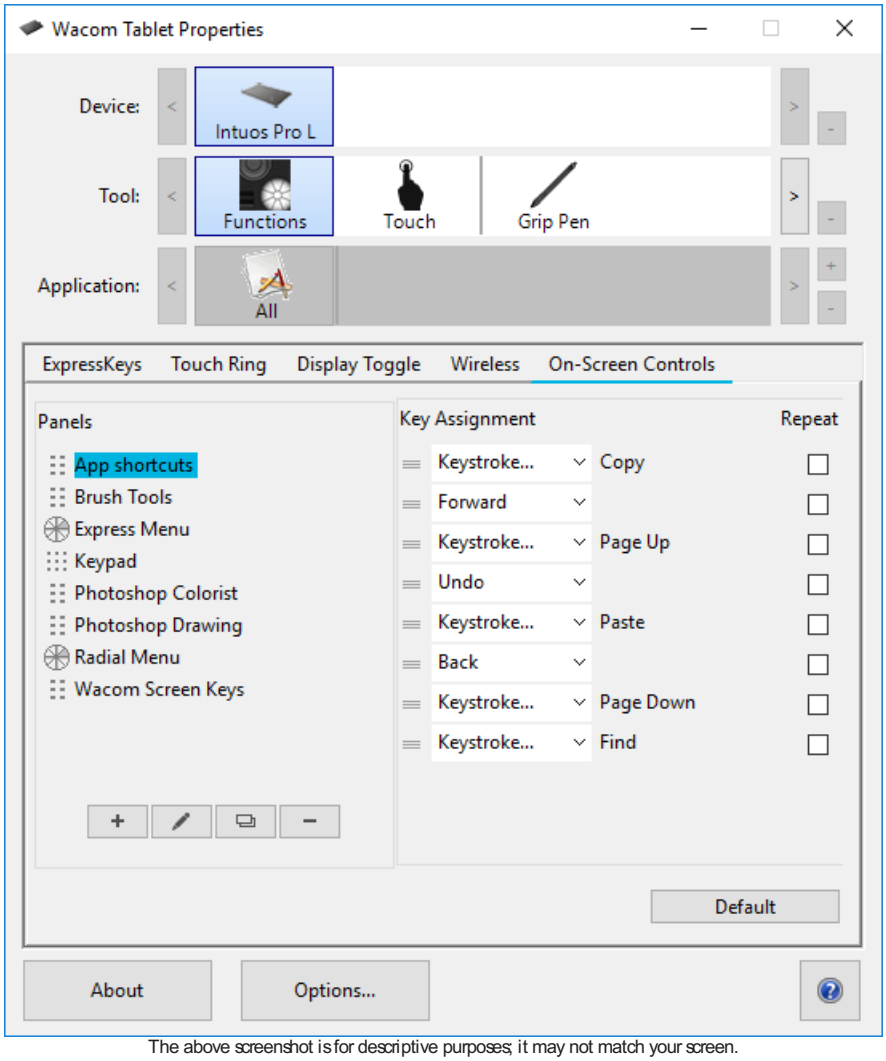
- From the **Panels** list, select the On-Screen Control that you want to change.
- Click to edit.
- Select a new layout, and click **OK**.

If you switch to an On-Screen Control that has fewer settings than your original one, your settings are not lost. For example, if you create a Keypad and then change it to a Radial Menu, your first eight settings display in the Radial menu. If you switch back, all of your original Keypad settings are still there.

Assign settings to Radial Menus and Screen Keys

After you create a Radial Menu or Screen Key panel, you need to assign settings to the buttons and slices. You can change the settings at any time if you decide that you want different settings.

1. In Wacom Tablet Properties on the **On-Screen Controls** tab, select the name of the On-Screen Control in the **Panels** list.
   - A drop-down menu for each button in your On-Screen Control displays under **Key Assignment**.
2. Select the setting that you want to assign to each button from the drop-down menus.
   - You must assign a setting to at least one button. For any buttons that you do not want to use, select **Disabled**.
   - If you select **Keystroke**, you are prompted to select a keystroke or create a keystroke combination.



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

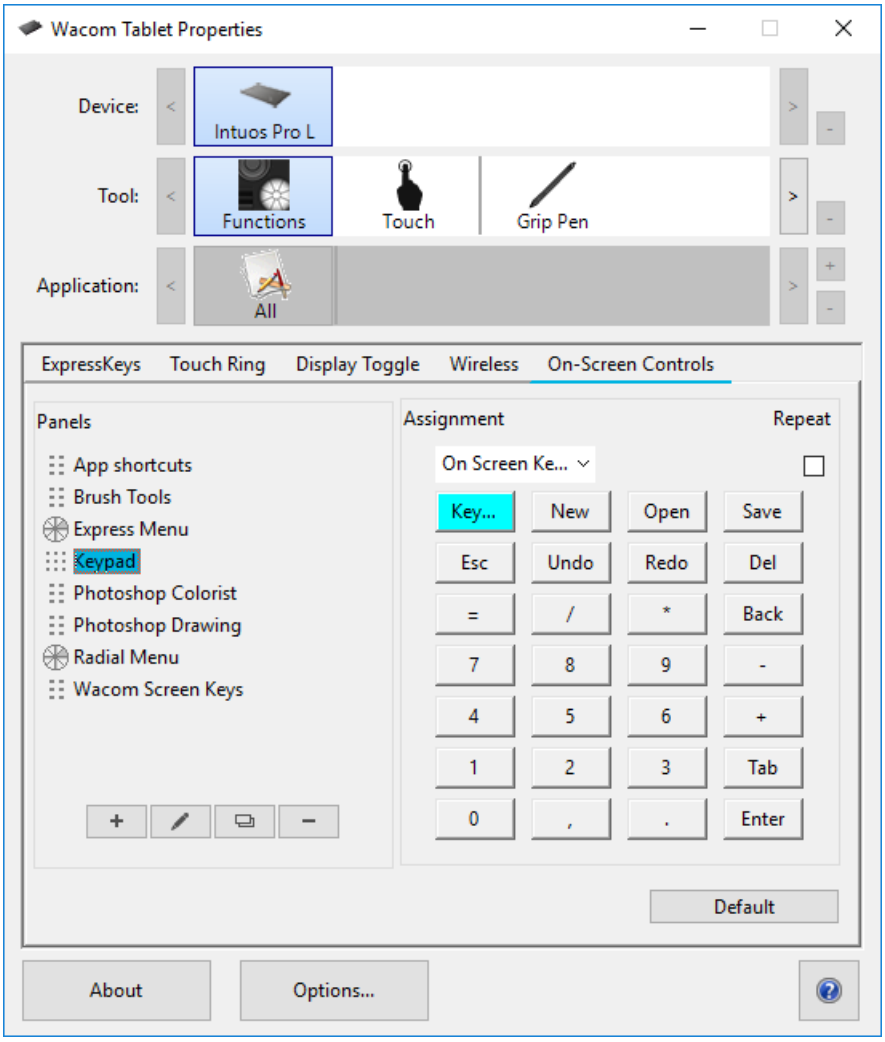
3. Change any of the optional features:
   - To change the order of the settings, click and drag it to a new position.
   - If you want the setting to repeat when you click and hold the On-Screen Control button, select **Repeat**.

Important: Assign your On-Screen Control to a customizable component, like an ExpressKey or pen button, so that you can open it when you want to use it.

Assign settings to Keypads

After you create a Keypad, you can change the settings assigned to the buttons so that the Keypad includes the settings you want.

1. In Wacom Tablet Properties on the **On-Screen Controls** tab, select the name of the Keypad in the **Panels** list.
   - An image of a Keypad appears under **Key Assignment** with default settings assigned to it.



2. Click a Keypad button that you want to change.
3. Select the setting that you want to assign from the **Assignment** drop-down above the Keypad.
   - To assign numbers, select **Keyboard** > **Keystroke**. When you select **Keystroke**, you are prompted to select a keystroke or create a keystroke combination.
   - If you want the setting to repeat when you press and hold the Keypad button, select **Repeat**.
   - You must assign a setting to at least one button. For any buttons that you do not want to use, select **Disabled**.

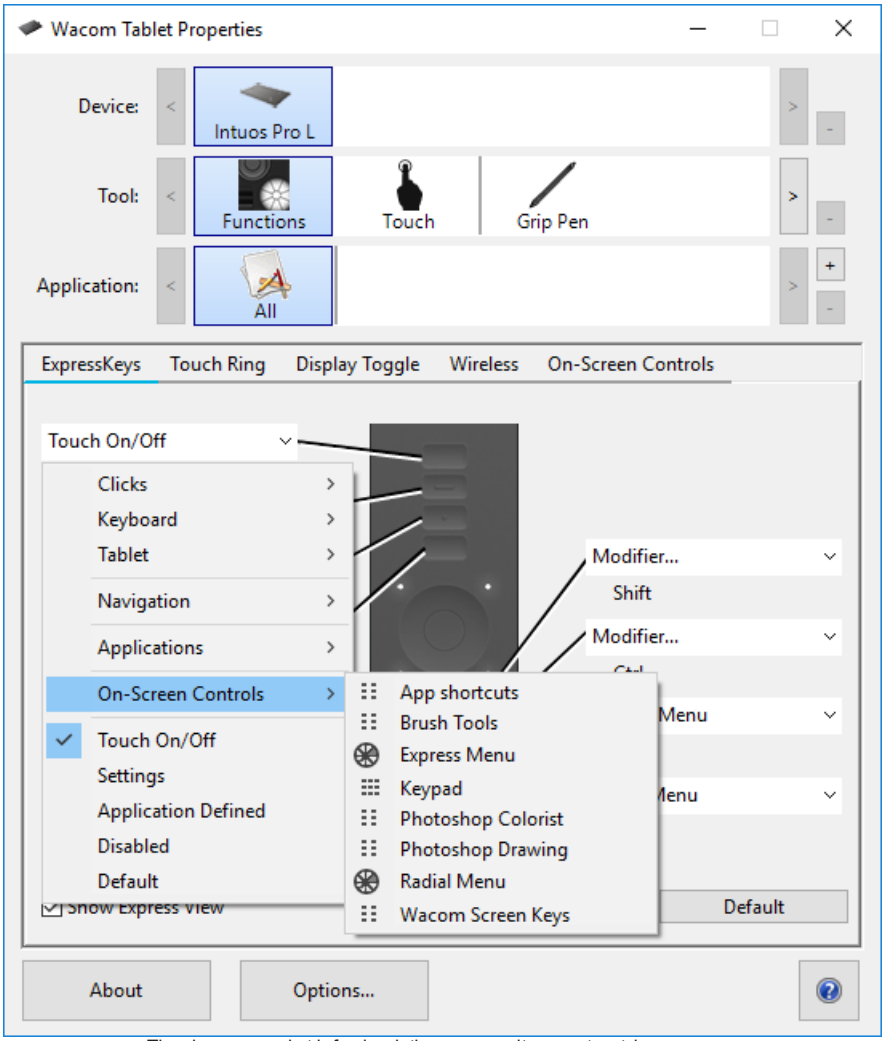
Assign your On-Screen Control to a customizable component, like an ExpressKey or pen button, so that you can open it when you want to use it.

Assign On-Screen Controls

After you create an On-Screen Control and assign settings to it, you need to assign the On-Screen Control to one of your device's components so that you can open it. You can assign On-Screen Controls to ExpressKeys™, touch gestures, and pen buttons, depending on the features available on your device.

In this example, you can see how to assign an On-Screen Control to an ExpressKey™.

- Open Wacom Tablet Properties and select your **Device**.
- Select **Functions**.
- Select the **ExpressKeys™** tab.
- From the drop-down next to one of the ExpressKeys™, select **On-Screen Controls**.
- From the list that appears, select the name of an On-Screen Control.
  - The assignment takes effect immediately.
- Press the ExpressKey™, and the On-Screen Control that you selected displays on your device or monitor. Click one of the buttons in the On-Screen Control to activate the setting that you assigned to it.



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

Access application-specific settings

Settings assigned to customizable components can be further customized for a specific application. This makes performing functions in the application faster and easier. There are multiple ways to access those application-specific settings.

- **Settings assigned by you**: You can assign your own settings that change depending on the application you are working in.
- **Settings assigned by applications**: Some applications assign settings to customizable components so that when you open that application, you are automatically using the settings assigned by it.
- **Imported settings assigned by applications**: Some applications include an XML file that assigns settings to customizable components. After you import the file and open that application, you are automatically using the settings assigned by the settings file.

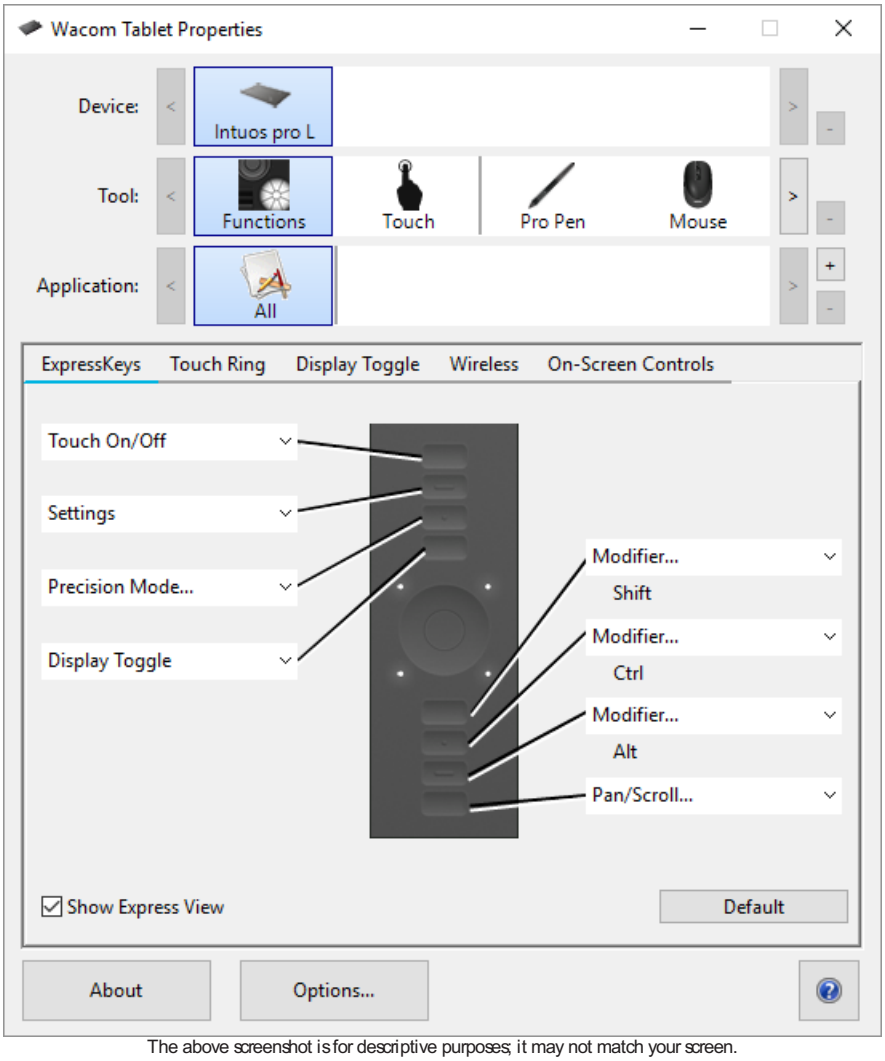
Some examples of customizable components that might have customized settings assigned are ExpressKeys™, pen buttons, the pen tip, Touch Rings, Rocker Rings, On-Screen Controls, touch gestures, and Touch Strips.

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

Application-specific settings assigned by you

The **Application** list enables you to add individual applications, and then customize your tool settings for that application. For example, if you select an application icon and change the Pen settings, the changes will apply to the Pen only while you are using that application. Application-specific settings can be used with all Wacom pen tablets and pen displays, and with the ExpressKey Remote device.

- 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).
- After adding an application, its icon appears in the Application list whenever the associated tool is selected in the **Tool** list.
- Select the application, then customize the Wacom Tablet Properties tab settings for your tool and application.



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

To create an application-specific setting:

1. In the Tablet Properties, choose the **Device** and **Tool** for which you want to create an application-specific setting.
2. In the **Application** list click the **+** button.
3. In the **Currently Open Applications** box, select an application for which to create custom settings, or browse to select the executable file of any application installed on your computer.
4. Click **OK**.

To remove an application-specific setting:

1. In the **Tool** list, select the tool from which you want to remove the application-specific setting.
2. In the **Application** list, select the application you want to remove.
3. Click on the **Application** list **-** button. In the dialog, click **Delete** to confirm your selection. The selected application is removed from the list, along with any custom tool settings.
4. To remove all application-specific settings from a tool, remove it from the **Tool** list. Then place the tool back on the tablet. The tool will be added back to the **Tool** list using the default settings.

   Note: This method cannot be used to remove custom **Functions** settings.

If you are working with a commonly used application such as Photoshop or Illustrator, your tablet's software will identify the application and set the ExpressKeys™ to commonly used functions for that application.

Notes:

- If two programs have the same executable file name, they will share the same customized settings.
- If you are using an application for which you have already customized your ExpressKeys™, those settings will take precedence over any automatic ExpressKey default settings provided by that application. Default settings will take effect automatically only if you have not entered your own ExpressKey settings for that application.

Settings assigned by applications

Some applications assign settings to customizable components. When you open that application, you are automatically using the settings assigned by it.

How do I know what setting is assigned?

- After you open an application that assigns settings, you can view the assigned settings in Wacom Tablet Properties.
  - If you see **Application Defined** in the drop-down next to a component, it means that the application you are working in has assigned that setting. But, **Application Defined** does not display for every assigned setting. Sometimes, the name of the function displays instead. Refer to the documentation for that application to learn which settings are assigned.
- When you close the application or when you start working in another application, the settings revert back to their previous assignments.

Tip: You do not have to use the settings assigned by applications. You can change the settings in Wacom Tablet Properties.

Settings assignments work differently for different customizable components

Note: The customizable components available will vary depending on your device.

- An application may assign settings to some, but not all, **ExpressKeys™**. To find out if an application assigned settings to any ExpressKeys™, refer to the documentation for that application.
- If an application assigns a setting to any part of a **Touch Ring** or **Touch Strip**, all settings for the Touch Ring or Touch Strip are changed. If the application did not assign settings to cover the entire Touch Ring or Touch Strip, the unassigned settings are changed to **Skip**.

Imported settings assigned by applications

Some applications include an XML settings file that assigns settings to customizable components. After you import the file and open that application, you are automatically using the settings assigned by the settings file.

Note: If the settings file does not assign a setting for a customizable component, then the setting stays the same as it was before the import.

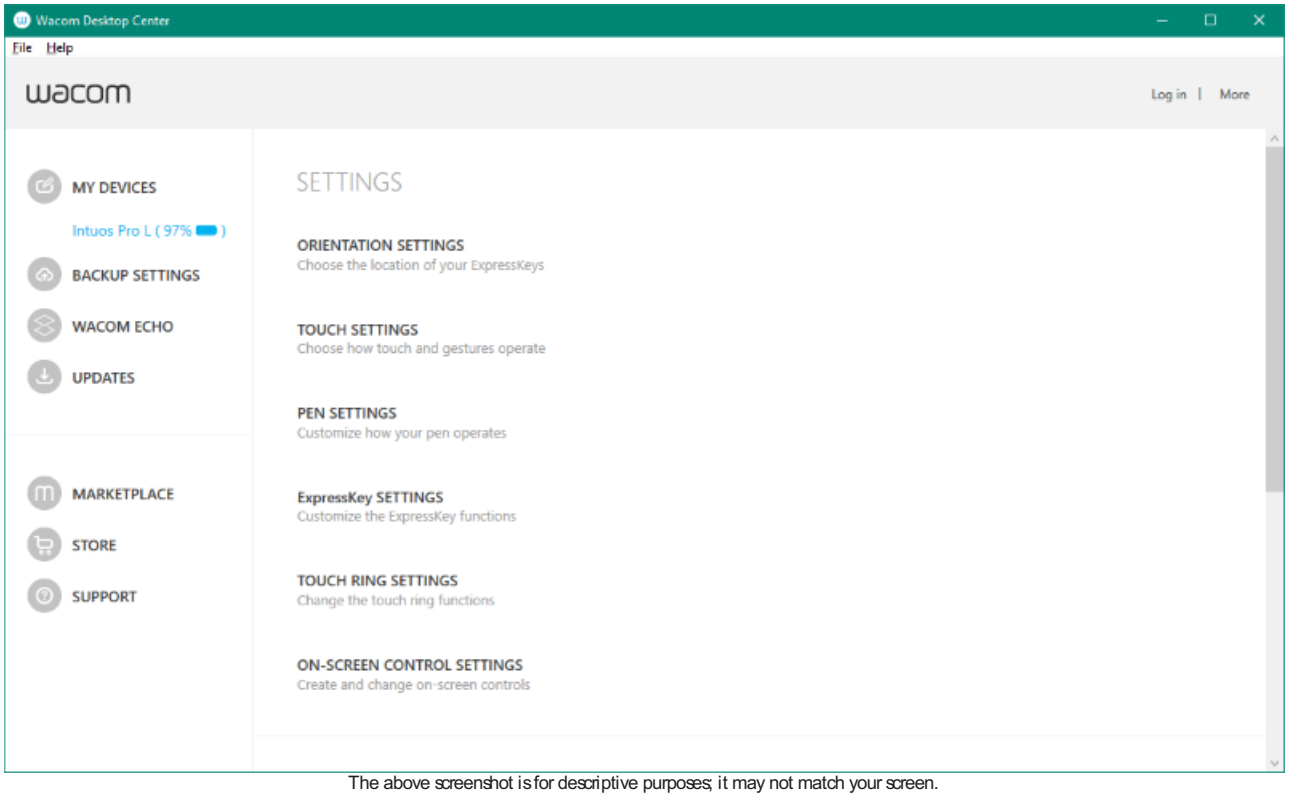
1. Back up your settings by going to **Backup Settings** in the Wacom Desktop Center.
2. After you back up your settings, double-click the customized settings file.
3. Follow the prompts in the window that appears.

Open Wacom Tablet Properties to view the imported settings.

Tip: You do not have to use the settings assigned by the settings file. You can change the settings in Wacom Tablet Properties.

Wacom Desktop Center

The Wacom Desktop Center helps you keep your driver and products up-to-date, customize your devices, and learn more about how to use pen tablets and pen displays.



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

Customizing your device

- If available for your device, the pen displays and pen tablets that are connected to your computer display under **My Devices**.
- Select a device to display settings menus.
- Select one of the settings menus, and Wacom Tablet Properties opens so you can change the settings.

Running the Setup Wizard

- If available for your device, select your device from **My Devices**, and select **Run Setup Wizard**. Follow the prompts.

Redeeming Software

- If available for your device, select your device from **My Devices**, and select **Redeem Software**. Register your product to get the software that came with it.

Backing up your settings

- Click **Backup Settings** to backup, restore, and reset your device settings.
- These settings can be stored locally or to your Wacom ID.

Note: Settings can only be restored to the device that they were created on.

Updating your tablet

- If available for your device, you are notified of driver, firmware, or BIOS updates by a notification next to **Updates**.
- Select **Updates**, and then click the update to install it.

Getting apps and products

- Click **Marketplace** to find apps that can improve your workflow.
- Click **Store** to research and purchase Wacom products.

Getting Support for Wacom products

- Select **Support** to view FAQs and tutorials on the Wacom website and to contact Wacom Support.
- If available for your device, select a device under **My Devices** to view documentation, tutorials, and Important Product Information.
- Go to **More** > **Online Help** or **Help** > **Online Help** to view help topics.

Logging in with your Wacom ID

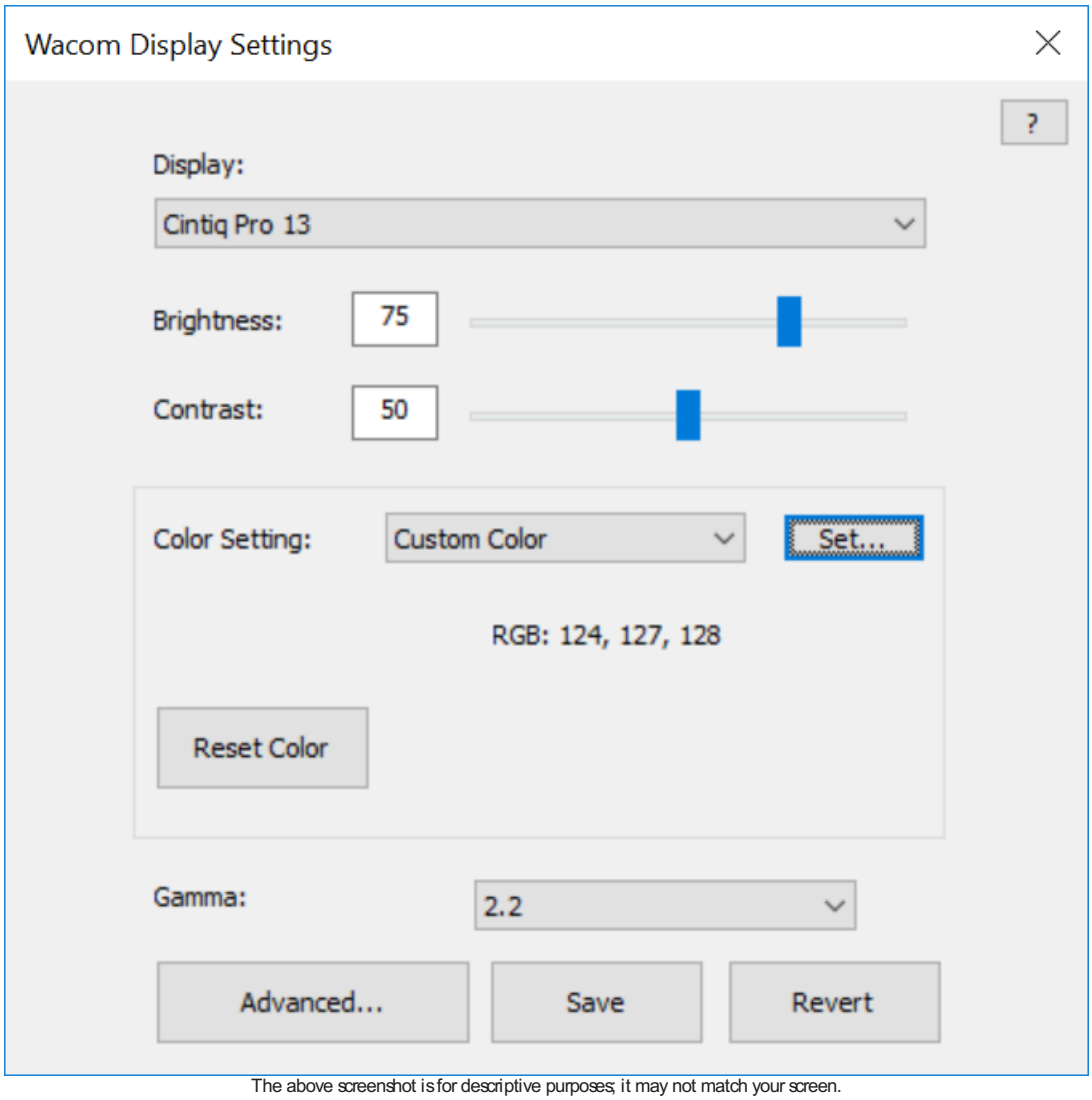
- **Log in** with your Wacom ID so you can access the Wacom Cloud.
- Click your name to view and update your profile.

Click **More** to change privacy settings, to configure how the Wacom Desktop Center starts up, to access help, and to find Wacom on social media.

Customize Wacom Display Settings

The Display Settings utility allows you to customize Pen display settings. To open the Display Settings dialog, select the **Display Settings** option in the Wacom Desktop Center.

- Select the **Display** to be customized from the dropdown menu.
- Adjust the brightness and contrast as needed.
- Select a **Color Setting** if you would like a particular type of display for your work. In the **Color Setting** menu:
  - Select **Color Temperature** to make Color Temperature and Gamma options available.
  - Select **Color Space** to make Color Space and Gamma options available.
  - Select **Custom Color** and click Set button to open the Set Color dialog.
- Click the **Reset Color** button to reset your color settings to factory defaults.
- Click the **Advanced** button for additional settings for your display.
- Click the **Save** button to save the current settings in the dialog.
- Click the **Revert** button to undo any changes since the last Save, or since the display settings were started if a Save has not been done. Settings revert to that previous point.



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

Notes:

- Not all setting options may be available on your Pen display.

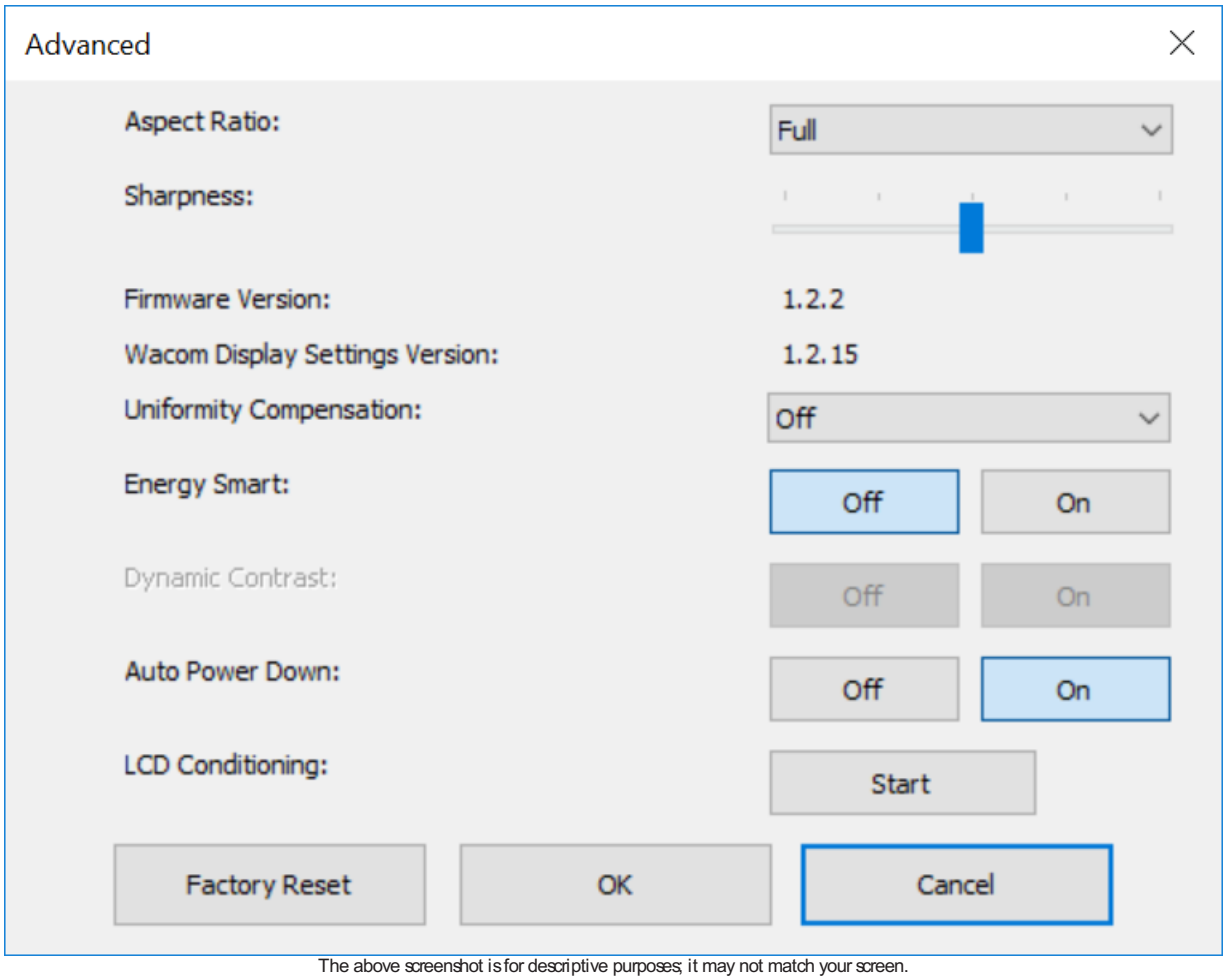
Customize advanced Wacom Display Settings

Click **Advanced** in Wacom Display Settings to customize advanced display settings such as aspect ratio, sharpness, auto power down, and more.

Important: The available options may vary depending on your device.

- Change the **Aspect Ratio** so that the screen displays the ratio of width to height that you want.
  - Select **Full** to fill the entire screen.
  - Select **Aspect** to fill as much of the screen as possible while maintaining the correct aspect ratio.
  - Select **1:1** to display a 1:1 screen aspect ratio.
- Move the **Sharpness** slider to the right for a sharper display and to the left for a softer one.
- Turn **Uniformity Compensation** to **On** to automatically adjust different areas of the screen with respect to the center. This results in uniform brightness and color over the entire screen.
- Turn **Dynamic Contrast** to **On** so that your screen is automatically adjusted to maintain a constant contrast.
- Turn **Energy Smart** to **On** so that your pen display goes to sleep if you do not interact with it for more than a few minutes.
- For some tablets you can use **Power LED Brightness** to adjust the power button LED brightness.
- **Start LCD Conditioning** to automatically adjust the display so that instances of color do not remain on the screen for long periods of time. This prevents image persistence.
- **Auto Power Down** is **On** by default so that your pen display automatically powers off if you do not interact with it for over 120 minutes.
- Click **Factory Reset** to return the display settings to their defaults.

Tip: If you change display settings and your screen becomes too dark to see the **Factory Reset** button, you can press **CTRL + ALT + R** on your keyboard to reset display settings to their defaults.



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

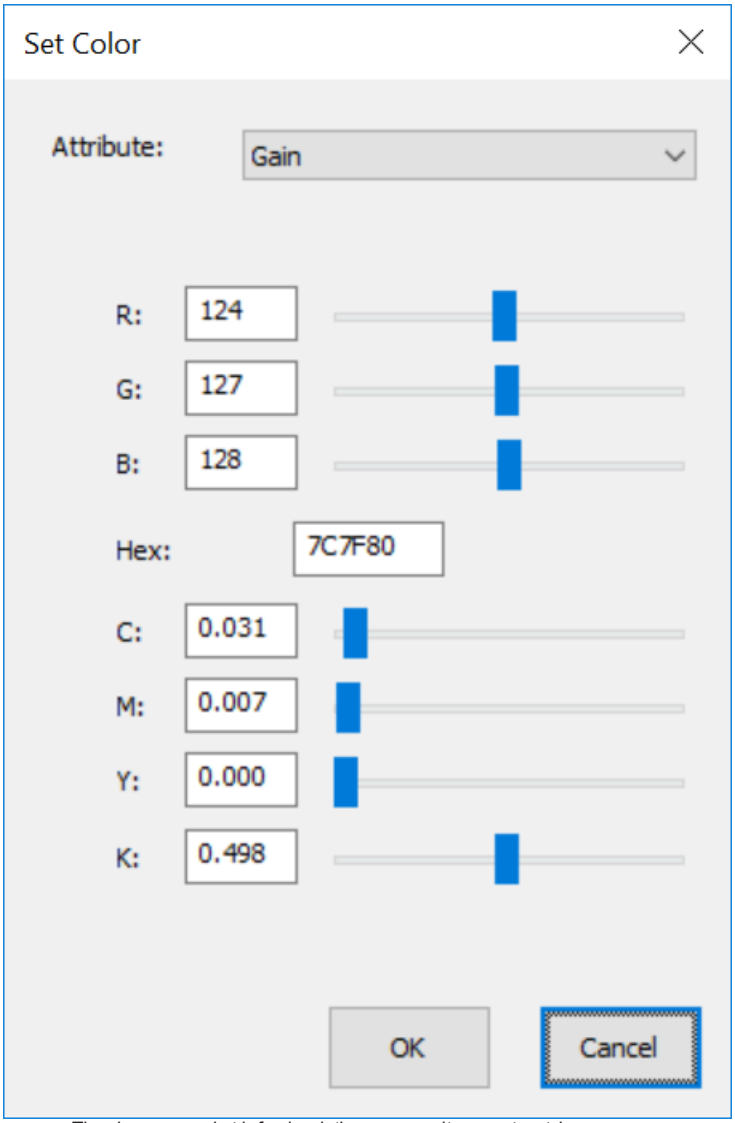
Wacom Display Settings - Set Color

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

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

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

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



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

Care for your device

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

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

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

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

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

Make sure to review the **Important Product Information** for additional safety precautions. You can find it in the Wacom Desktop Center, if supported for your device, or from Wacom Support.

Wacom Support

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

- Review the Quick Start Guide and make sure that the tablet is set up correctly, including that all plugs and connectors are firmly in place.
- Check the User Help for information regarding the issue.
- Visit the Wacom website to view the product FAQs (Frequently Asked Questions) to see if any apply to your issue.
- Go to Wacom Support to see if a new driver is available and install it.
- Test your device and tools.

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.

Test the creative pen display

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

1. Turn on your computer and wait until it is ready to use.
2. Verify that any power cables or adapters are properly connected, and that their LED status lights are on.
3. If your pen display is connected to your computer, check the USB connection.
    - Make sure the USB cable is securely connected to an active USB port on your computer.
    - Check the pen display USB cable for damage.
    - If you are connecting the pen display to a USB hub (or hub device with USB ports), be sure the USB hub is properly connected to your computer and is active.
    - If a status LED does not illuminate after your computer is on and has finished booting up, your USB port may be disabled. Verify that you have connected the pen display to an active USB port.
    - Connect the pen display to a different USB port, or to a USB port on another computer, and see if the problem persists.
    - For best results when troubleshooting no power to the pen display, plug it directly into the USB port on your computer.
    - Temporarily eliminate any external hubs in use until you determine that the system recognizes the pen display and that it is functional. When the pen display is working properly, you can then usually move its connection to a USB hub.
4. Test touch, if your pen display supports touch. Attempt to move the screen cursor by tracking your finger across the surface. Then tap to select an item.
    - If the driver does not load properly, basic touch movement will be recognized, but other actions and gestures will not. If gestures are not recognized, re-install the driver.
5. Check the ExpressKeys™ and Rocker Ring.
6. Check any other tool(s) you may be using.
7. If any of these tests fail, you may have defective hardware. See Wacom Support.
8. After testing, use Wacom Tablet Properties to reconfigure your pen display and tools for any custom settings you may have been using.

Test the pen

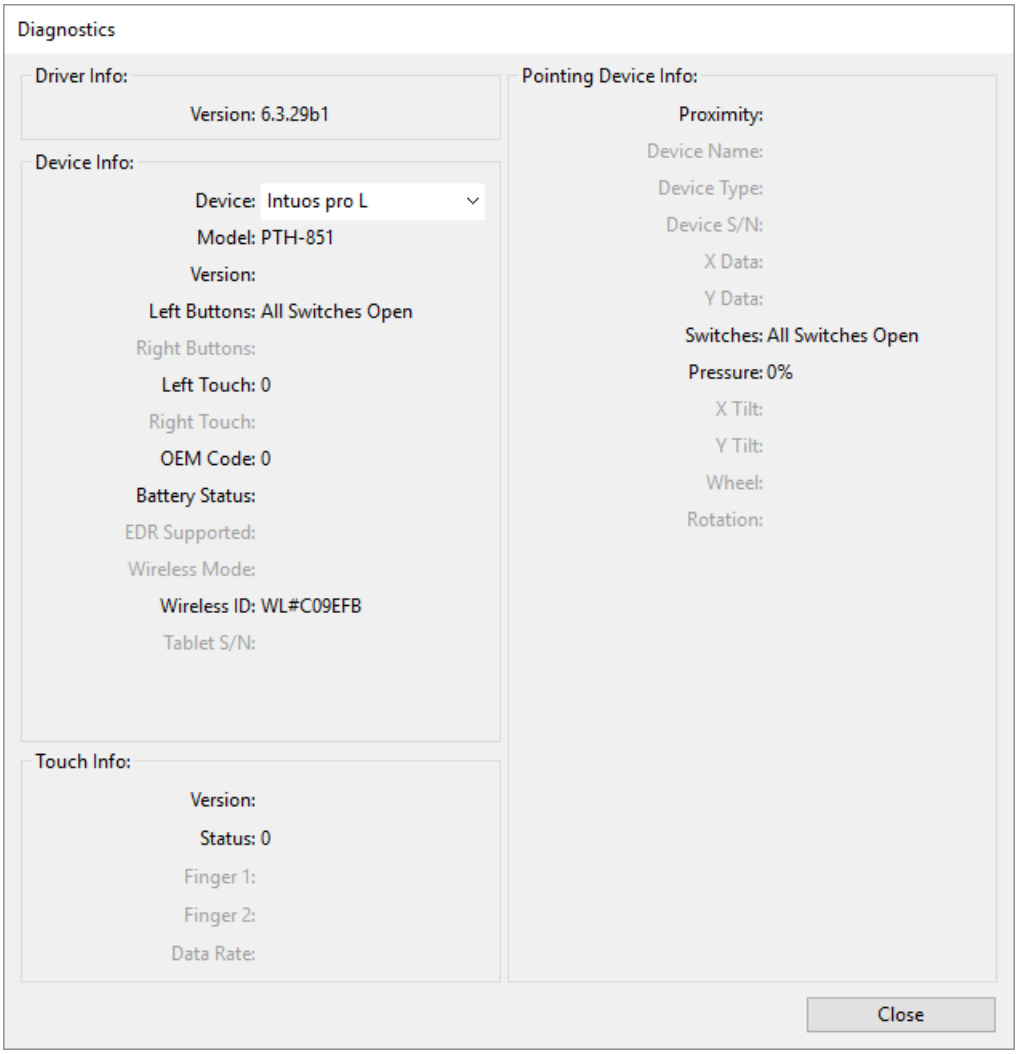
If your pen does not work properly, try these fixes first.

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

1. Go to the **Pen** tab in Wacom Tablet Properties and check that the settings assigned to the pen tip and pen buttons are what you expect.
2. If the assigned settings are as expected, restart your computer.
3. If restarting does not fix the issue, update your driver software.
4. If updating your driver does not fix the issue, **Reset settings** in the Wacom Desktop Center.
5. If resetting does not fix the issue, diagnose issues using Wacom Tablet Properties.

Diagnose issues using Wacom Tablet Properties

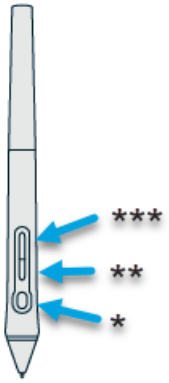
- Open Wacom Tablet Properties.
- If you have more than one device connected to your system, select the device you are using the pen with from the **Device** list.
- Click **About**, and then click **Diagnose**.



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

- 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).
- Move the pen along the surface of the device.
  - As you move the pen, the **X Data** and **Y Data** values should change.
- 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.
- 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:

    - Pen tip = 1
    - Pen button (***) = 3
    - Pen button (**) = 2
    - Pen button (*) = 2, 3
    - Pen eraser = 1
    - Airbrush tip = 1
    - Airbrush pen button = 2
    - Airbrush eraser = 1

  - 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.
  - 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.
  - 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.
  - 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.

Glossary

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

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

Bluetooth. A method of wireless communication between devices.

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

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

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

Double-click assist. A feature that makes it easier to double-click by setting the size of the double-click distance.

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

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

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

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

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

Fingerwheel. The control wheel on the optional Airbrush.

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

Nib. The replaceable pen tip.

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

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

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

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

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

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

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

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

Rotate. A motion used when navigating with touch. Touch the tablet with two fingers spaced slightly apart and rotate them in a

circular fashion, move them in opposing directions, or hold one finger stationary and track your other finger around the stationary finger.

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

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

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

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

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

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

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

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

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

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.

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.

About This Document

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

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

Things to Know About User Help

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

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

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

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

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

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

Device Features in User Help

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

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