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## USB GRAPHIC TABLET

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13652 | 13653 | 13654

User's Manual

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## **SAFETY WARNINGS and GUIDELINES**

- Do not expose this device to water or moisture of any kind. Do not place drinks or other containers with moisture on or near the device. If moisture does get in or on the device, immediately unplug it from the USB port and allow it to fully dry before plugging it in again.
- Remove the battery from the pen stylus if storing this product for a long period of time.
- This device has no user serviceable parts. Do not attempt to open, service, or modify this device.
- Clean using a soft, dry cloth only. Do not use chemical cleaners, solvents, or detergents. For stubborn deposits, moisten the cloth with warm water.

## **INTRODUCTION**

Thank you for purchasing this USB Graphic Tablet!

This graphic tablet is perfect for anyone from the budding artist to the accomplished graphics professional. You can create hand drawn or traced images directly into your graphics software package. You can also use it with the handwriting recognition software built into Windows and OS X to create typed documents without using the keyboard and can attach handwritten signatures to documents.

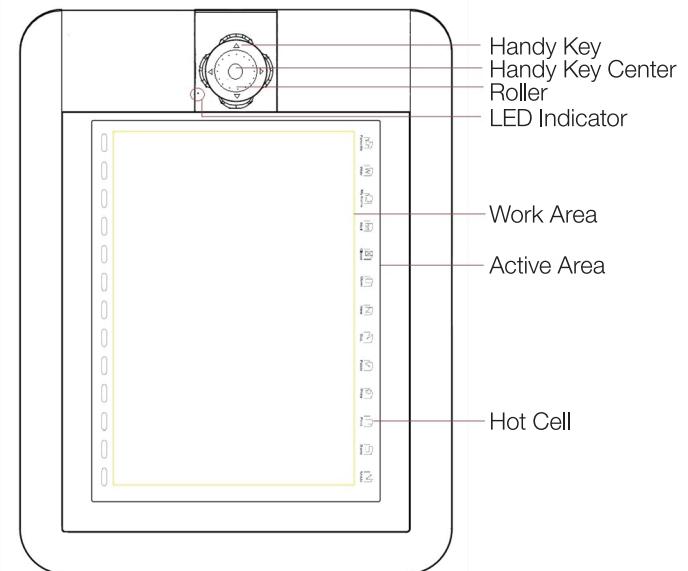
## **FEATURES**

- Customizable Hot Cell locations
- Replaceable pen tip
- Battery powered pen stylus
- 5 Handy Keys and 1 Roller input (13653 and 13654 only)
- Selectable orientation for left-handed and portrait use

## **SYSTEM REQUIREMENTS**

- Pentium III equivalent PC or better running Windows XP, Vista, 7, 8.1, or 10 (32/64-bit) OR Apple Mac running OS X version 10.4, 10.5, 10.6, 10.7, 10.8, 10.9, or 10.10
- Available USB 1.1/2.0 port

## **PRODUCT OVERVIEW**



Note that PID 13652 does not have the Handy Keys or Roller.

## **CUSTOMER SERVICE**

The Monoprice Customer Service department is dedicated to ensuring that your ordering, purchasing, and delivery experience is second to none. If you have any problem with your order, please give us an opportunity to make it right. You can contact a Monoprice Customer Service representative through the Live Chat link on our website [www.monoprice.com](http://www.monoprice.com) during normal business hours (Mon-Fri: 5am-7pm PT, Sat-Sun: 9am-6pm PT) or via email at [support@monoprice.com](mailto:support@monoprice.com)

## **PACKAGE CONTENTS**

Please take an inventory of the package contents to ensure you have all the items listed below. If anything is missing or damaged, please contact Monoprice Customer Service for a replacement.

- 1x USB graphic tablet
- 1x Pen stylus
- 1x Mini USB cable
- 1x Drivers and software CD
- 5x Replacement pen tips
- 1x Pen tip removal tool
- 1x AAA battery
- 1x Quick install guide

## OPERATION

By default, the buttons on the pen stylus are identical to those on a three-button mouse.

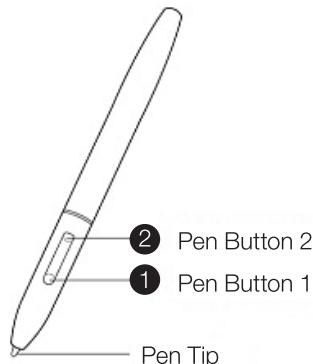
### The Pen Stylus

**Pen Tip:** Left mouse button (fixed)

**Pen Button 1:** Right mouse button

**Pen Button 2:** Middle mouse button

Buttons 1 and 2 can be reassigned using the configuration utility, however the Pen Tip is permanently fixed to function as the left mouse button.



### Battery Installation

Before it can be used, a single AAA battery must be installed. Unscrew the top of the pen from the pen body and install the included battery with the negative end contacting the spring. Replace the pen top and screw it back onto the pen body.

### Cursor Control

To move the cursor, simply hold the pen stylus up to about 1/4" (7mm) above the surface of the tablet and move the pen. If you lift the cursor higher than about 1/4" (7mm) above the surface of the tablet, you can move the pen without causing the cursor to move, in the same way as you can lift a mouse off the mouse pad to reposition it without affecting the cursor position.

### Drag and Drop

To Drag and Drop, simply locate the cursor over the item you wish to move, press down with the pen tip and, while continuing to press down, move the item to the desired location, then release the pen tip to drop it in place.

### Single and Double Clicking

To perform a standard single mouse click, simply tap the pen tip on the tablet surface. To double-click, double-tap the pen tip on the tablet surface. Try to double-tap in the same spot on the tablet's surface.

### Context Menus

Perform the following steps to activate and select an entry from a Context Menu (aka Right-Click Menu):

1. Position the cursor in the desired location.
2. Press Pen Button 2 (default Right Mouse Button). The Context Menu will appear.
3. Move the cursor to highlight the desired menu item.
4. Tap the Pen Tip on the tablet's surface to select the highlighted menu option.

### LED Indicator

The LED indicator on the tablet has the following functions:

- The LED indicator will blink for a short period of time after connecting the tablet to the computer for the first time. When the blinking stops, the tablet is ready for use. If you do not observe any LED blinking when connecting the tablet to the computer for the first time, there is a possible problem with the driver installation, a depleted battery in the pen, or the tablet itself is malfunctioning.
- The LED illuminates whenever the pen tip is in contact with the tablet surface.

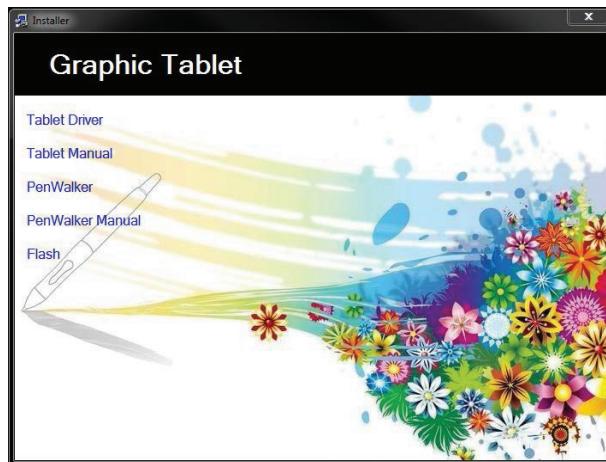
### Pen Storage

When not in use, the pen should be stored in such a way that the pen tip and pen buttons are not depressed. The battery should be removed if the pen will not be in use for a long period of time.

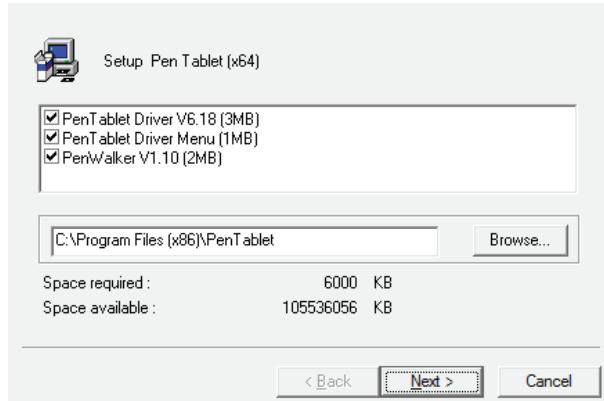
## WINDOWS INSTALLATION

**IMPORTANT!** Do not plug the tablet into your PC before installing the driver.

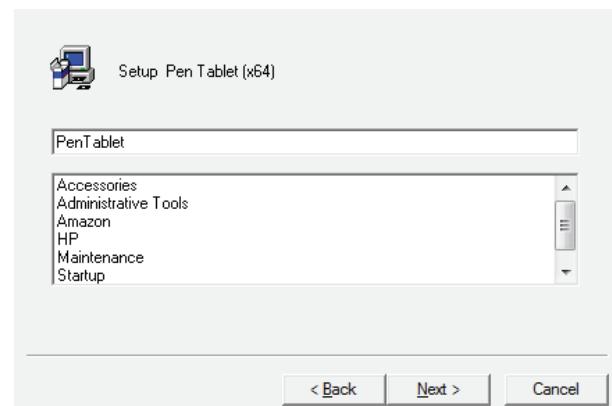
1. Uninstall all drivers and software associated with any previously installed graphic tablet or pen monitor.
2. Reboot your PC.
3. Temporarily disable any anti-virus program(s) that may be running.
4. Insert the included Drivers CD into your system's optical drive.
5. If you have Autorun enabled, the Setup program will automatically start. Otherwise, manually launch the **Installer.exe** program from the CD drive.
6. Click the **Tablet Driver** entry.



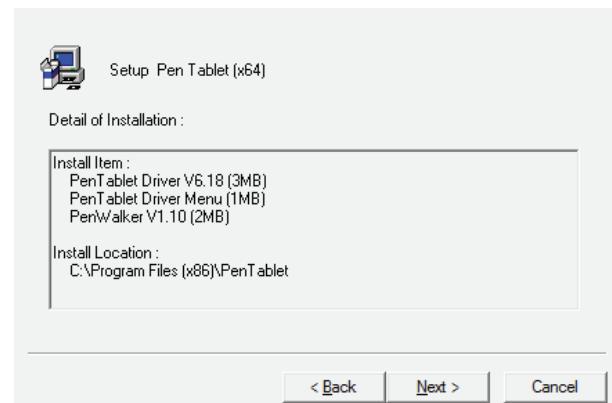
7. If you want to change the installation directory, click the Browse button and select the alternate directory, otherwise click the **Next** button to continue.



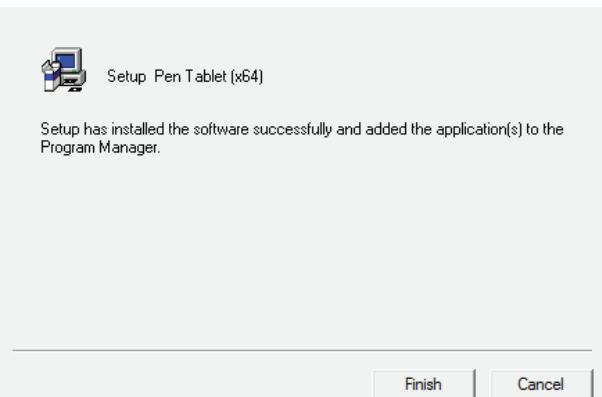
8. If you want put the program shortcuts into a different program group, type the program group name into the text box. Otherwise, click the **Next** button to continue.



9. This screen summarizes the installation choices you have made. Click the **Next** button to continue.



10. Once the installation is complete, the following dialog is displayed. Click the **Finish** button to complete the software installation.



11. Reboot your PC. This will re-enable any temporarily disabled anti-virus program.  
12. Plug the USB mini end of the included USB cable into the tablet. Plug the other end into an available USB port on your PC.

*Note: For best results, connect directly to your PC, as opposed to using a hub or other external device.*

13. Windows will automatically install the necessary drivers. When it is finished, check your system tray and verify the presence of the Tablet icon (☒), which indicates that the installation was successful. Note that you may be prompted to reboot your PC before the installation is fully completed.

*Congratulations, your tablet is installed and ready for configuration and use!*

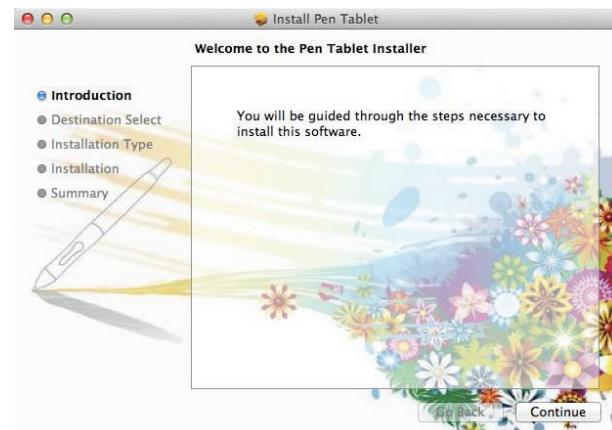
## MAC INSTALLATION

**IMPORTANT!** Do not plug the tablet into your Mac before installing the driver.

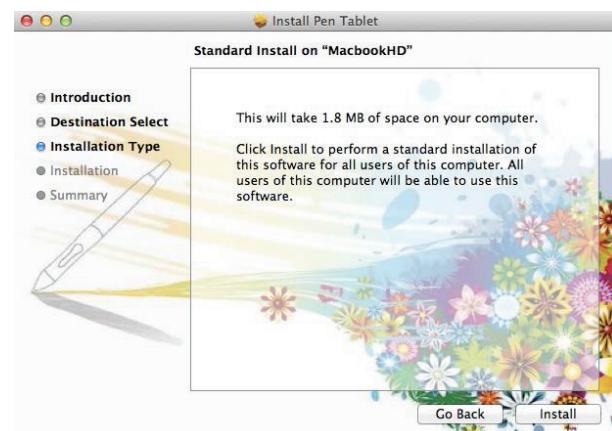
1. Remove all software and drivers associated with any previously installed graphic tablet.
2. Insert the Drivers CD into your optical drive.
3. Using Finder, select the drive and locate the package file within. Double-click the package file to start the Installer.
4. Click the **Continue** button.



**PenTablet V3.11.pkg**



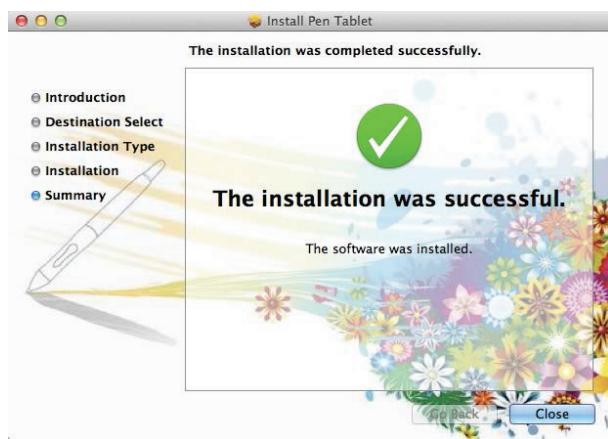
5. This next screen informs you of the amount of hard drive space required. The software will be automatically installed to your main drive. Click the **Install** button to continue.



6. Input your login name and password, then click the **Install Software** button to continue.



7. Click the **Close** button to complete the software installation.



8. Plug the USB mini end of the included USB cable into the tablet. Plug the other end into an available USB port on your Mac.

*Note: For best results, connect directly to your Mac, as opposed to using a hub or other external device.*

9. Check the menu bar at the top of the screen and verify the presence of the Tablet icon (☒), which indicates that the installation was successful.

Congratulations, your tablet is installed and ready for configuration and use!

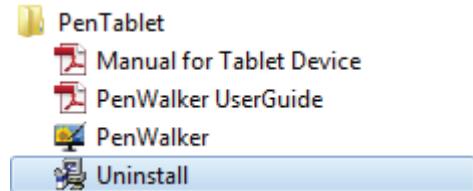
## UNINSTALLATION

If you wish to remove the tablet driver from your computer, perform the following steps for your operating system.

### Windows

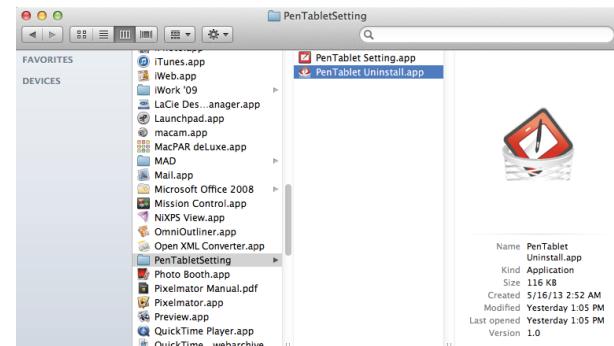
The following instructions are for Windows 7. The specific steps may differ for other versions of Windows.

1. Click the **Start** menu.
2. Click **All Programs**.
3. Click the **PenTablet** folder.
4. Click the **Uninstall** item.
5. Follow the on screen instructions.



### Mac

1. Open Finder and select the **Applications** folder.
2. Locate and select the **PenTabletSetting** folder within the Applications folder.
3. Double click the **PenTablet Uninstall.app** item.



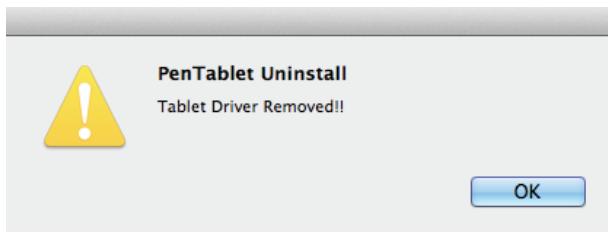
4. Click the **Yes** button to confirm that you want to uninstall the configuration utility.



5. Enter your login name and password, then click the **OK** button to continue.

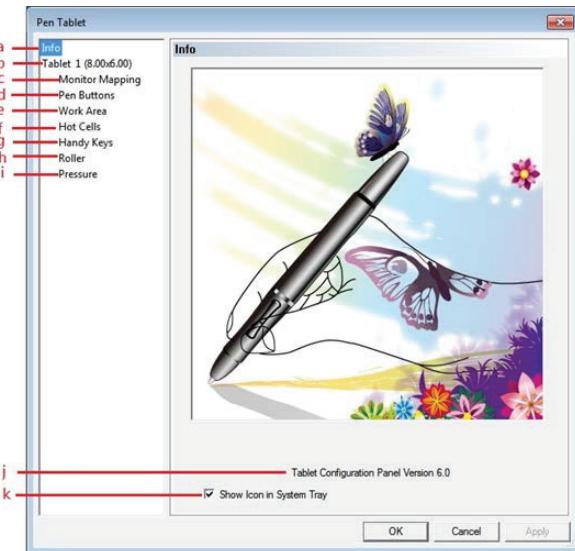


6. Click the **OK** button to complete the uninstall.



## WINDOWS CONFIGURATION

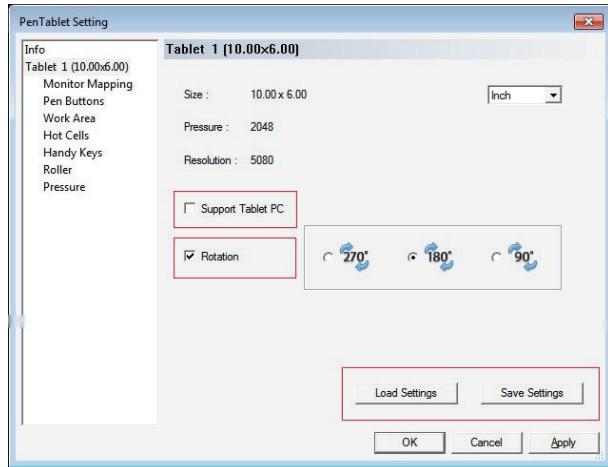
Once the driver software has been installed, you can click the Tablet Icon  in the System Tray to open the tablet configuration utility. The Tablet Configuration Panel will be displayed, with the following menu elements and options.



- a. **Info:** Click this entry on any submenu to return to the opening screen.
- b. **Tablet 1 (A x B):** The entry displays the tablet number and size (A x B, e.g. 8.00 x 6.00). Click this entry to open the Basic Tablet Settings screen.
- c. **Monitor Mapping:** Click this entry to open the Monitor Mapping screen.
- d. **Pen Buttons:** Click this entry to open the Pen Buttons screen.
- e. **Work Area:** Click this entry to open the Work Area screen.
- f. **Hot Cells:** Click this entry to open the Hot Cells screen.
- g. **Handy Keys:** Click this entry to open the Handy Keys screen. (13653 and 13654 only)
- h. **Roller:** Click this entry to open the Roller screen (13653 and 13654 only)
- i. **Pressure:** Click this entry to open the Pressure screen.
- j. **Tablet Configuration Panel Version:** This entry displays the driver software version.
- k. **Show Icon in System Tray:** Determines whether or not the Tablet Icon is displayed in the System Tray. If disabled, you will need to access the configuration utility through the Start menu.

## Basic Tablet Settings

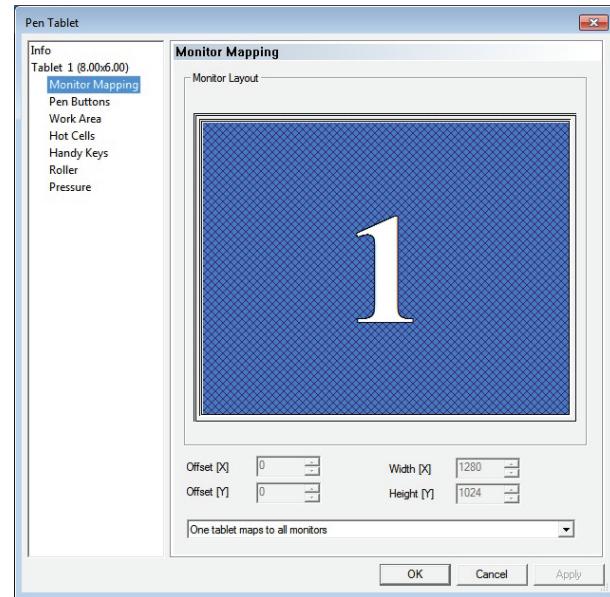
This screen displays the tablet size, the number of pressure levels, and the resolution. It also allows you control over the following options:



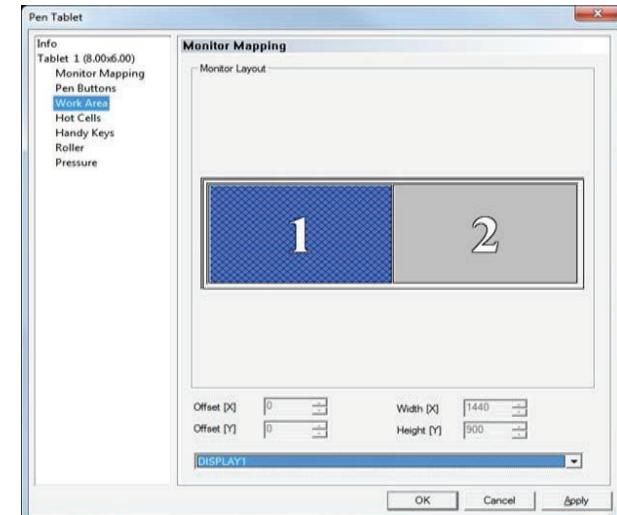
- **Support Tablet PC:** Select this option if you want to use the built-in Windows handwriting input software, which allows you to use the pen as an input device for Word, Excel, etc.
- **Rotation:** Select this option if you want to rotate the tablet for portrait orientation or for left-handed use. Use the radio buttons to select how much rotation will be applied.
  - **270°:** Orient the tablet for portrait use, with the Handy Keys and USB connector at the top. (PID 12652 does not have Handy Keys.)
  - **180°:** Orient the tablet for left-handed landscape use.
  - **90°:** Orient the tablet for portrait use with the Handy Keys and USB connector at the bottom. (PID 12652 does not have Handy Keys.)
- **Load Settings:** Allows you to load previously saved configuration settings.
- **Save Settings:** Click this button to save the current configuration settings to a file for future recall. Saved configuration settings files have a .TSF file extension.

## Monitor Mapping

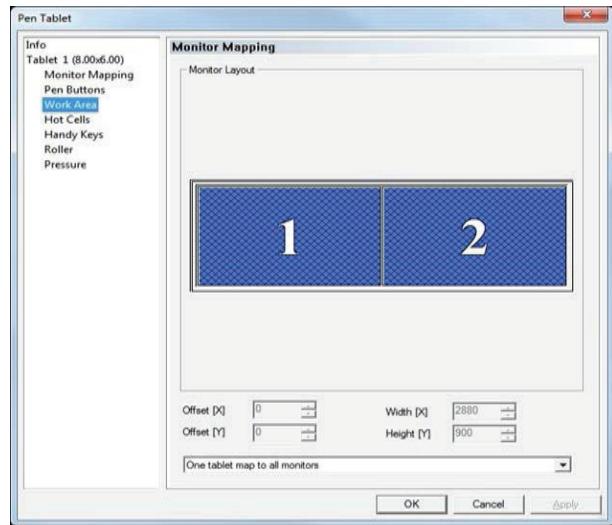
The Monitor Mapping dialog allows you to determine the relationship between the action on the tablet and your monitor(s). If you have a single monitor, the screen is automatically mapped to the full action area of the tablet, as shown in the screenshot below.



If you have multiple non-mirrored monitors attached to your system, you can choose to have the tablet map to one or all of them. If you choose to map to just a single monitor, as in the example screen below, moving the pen across the tablet will move the cursor across the screen of the selected monitor and the cursor will never touch any other monitors.



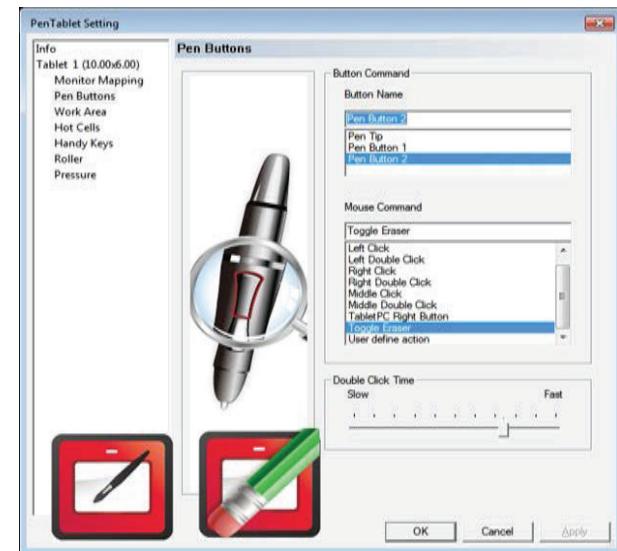
If you choose to **Map to all monitors**, as in the example screen below, moving the pen across the tablet from left to right will start the cursor at the left edge of the left-most monitor and move all the way to the right edge of the right-most monitor.



Finally, you can choose the **Set by user** option, which allows you to specify the exact size and area for the monitor layout. Type numeric values into the **Offset [X]**, **Offset [Y]**, **Width [X]**, and **Height [Y]** text fields or use the spinner controls to the right of the text fields to adjust the displayed values.

## Pen Buttons

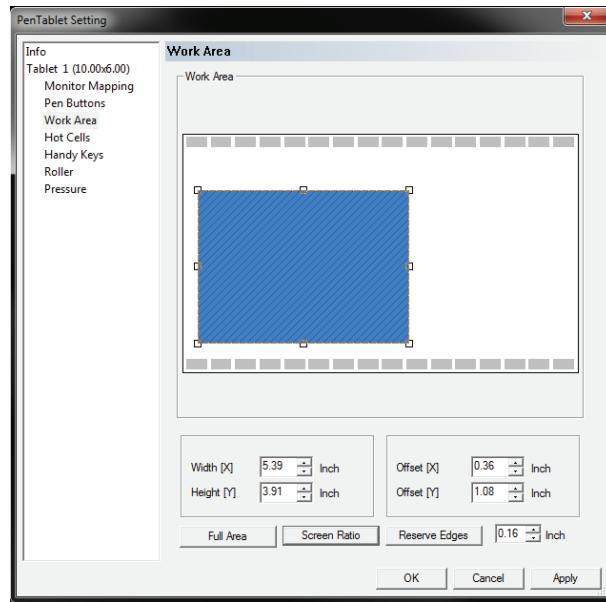
Use this dialog to customize the functions of each of the two buttons. Note that the Pen Tip can only be defined as the left mouse button.



- **Button Name:** Select one of the buttons by clicking one of the names in the list.
  - **Mouse Command:** Select one of the functions from the list for assignment to the selected button.
  - **Double Click Time:** Use the slider to set how quickly you need to double tap the pen to generate a double click signal. If you want more time between clicks, move the slider to the left (Slow). If you want less time between clicks, move the slider to the right (Fast).
    - Changing the Double Click time also affects the double click time for the pen buttons and for any attached mouse.
    - If Button 2 is assigned to the Toggle Eraser function, as shown in the above screenshot, the Tablet Icon in the system tray will change appearance, depending on whether the eraser is toggled on or not. Note that when switching modes you should keep the pen tip within 1/4" (7mm) of the tablet surface. Also, it can take up to 1/2 second to make the switch. Do not hold down the button continuously. The icons are as follows:
- The pen is in **Normal** mode.  
 The pen is in **Eraser** mode.

## Work Area

The Work Area defines which part of the tablet's Active Area is usable. In most cases, the Work Area is the full area allowed, but you may wish to reduce the size and shape of the Work Area, allowing smaller movements of the pen to result in longer movements of the cursor on the screen.



To adjust the size and shape of the Work Area, drag one of the white boxes on the sides or corner of the displayed work area. The dimensions of the work area below will change to reflect the actual dimensions. Alternatively, you can either type numeric values into the **Width [X]** and **Height [Y]** text boxes or use the spinners to the right of the text boxes.

In addition to adjusting the size and shape of the work area, you can adjust the offset. Normally, the bottom left of the work area is at the bottom left of the active area. However, you may wish to use another area of the tablet for the work area. You can adjust the offset by dragging the work area to a different location. The values for **Offset [X]** and **Offset [Y]** will automatically change to reflect the actual position of the work area. Alternatively, you can either type values directly into the Offset text boxes or use the spinners to the right of the text boxes to adjust the displayed value.

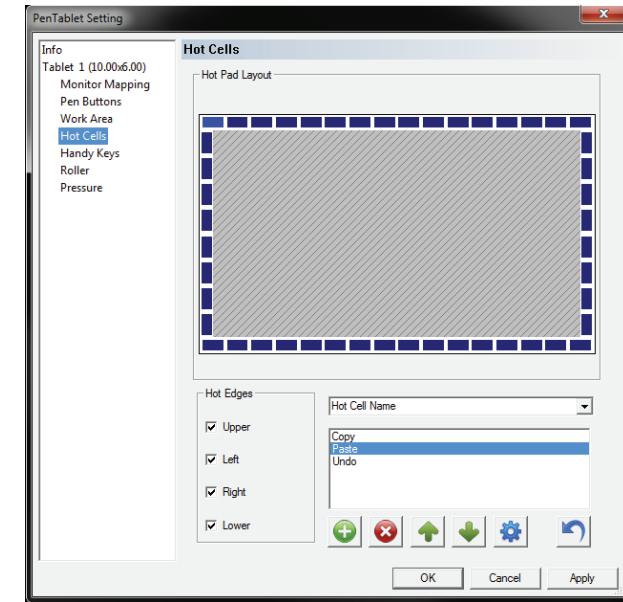
In most cases, you will want to use all of the available area on the tablet. Click the **Full Area** button to automatically set the work area to the maximum size.

Clicking the **Reserve Edges** button adjusts the work area to allow for the amount of additional space on the edges for Hot Cells. Use the text field and/or spinner control to the right of the Reserve Edges button to adjust the amount of space to reserve.

In all cases, whenever you adjust the size and/or shape of the work area, you should click the **Screen Ratio** button to ensure that the aspect ratio displayed on screen matches that used by the tablet. This ensures that if you draw a perfect circle on the tablet, it will be reflected on screen as a perfect circle, instead of an ellipse.

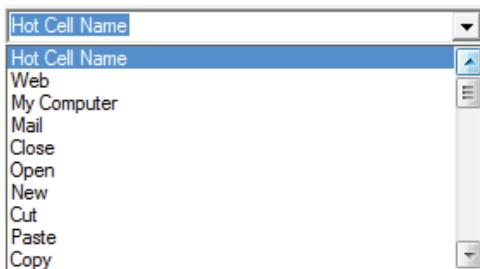
## Hot Cells

Hot Cells are locations around the edge of the tablet that act as buttons. You can assign a wide variety of actions to each Hot Cell and can even assign multiple actions to a single Hot Cell to be executed in sequence. A Hot Cell can have any number of actions assigned, each of which will be executed in sequence.



By default, Hot Cells are located at the top and bottom of the tablet, but you can choose to restrict to a single location or to expand it to include locations along the sides. Use the check boxes in the **Hot Edges** section to determine which edges will have Hot Cells.

- Click an individual Hot Cell to select it.



Alternatively, use the combo box to

select a Hot Cell by name.

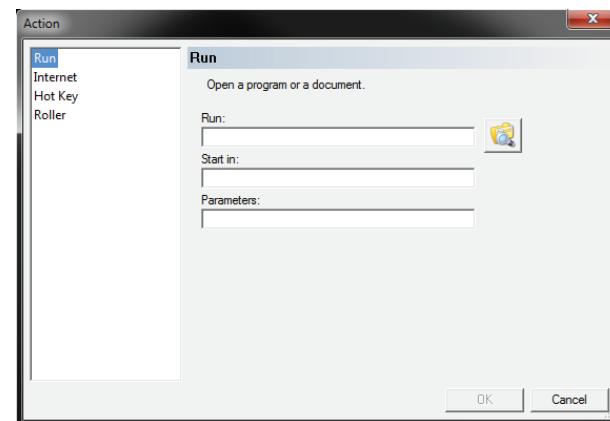
- Click this button to **Add** an action to the Hot Cell. A Hot Cell can have multiple actions to execute in sequence.
- Click this button to **Delete** the highlighted action.
- Click this button to move the highlighted action **Up** in the list of actions to execute in sequence.
- Click this button to move the highlighted action **Down** in the list of actions to execute in sequence.
- Click this button to **Edit** the highlighted action.
- Click this button to **Undo** any unsaved changes.

There are four classes of actions that can be assigned to a Hot Cell:

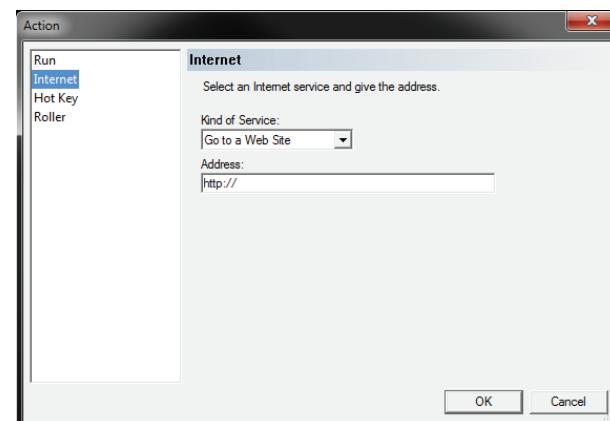
- The **Run** action allows you to launch any program. Type the name of the program, including its extension, into the text box to the right of the Run label. Alternatively, use the browse button to navigate and select the program to launch.

If you want the program to launch using a specific directory, type the full address into the **Start in** field. For example, type C:\Temp to use the Temp folder on the C drive.

If you want to launch the program using specific command line parameters, type them into the **Parameters** field.

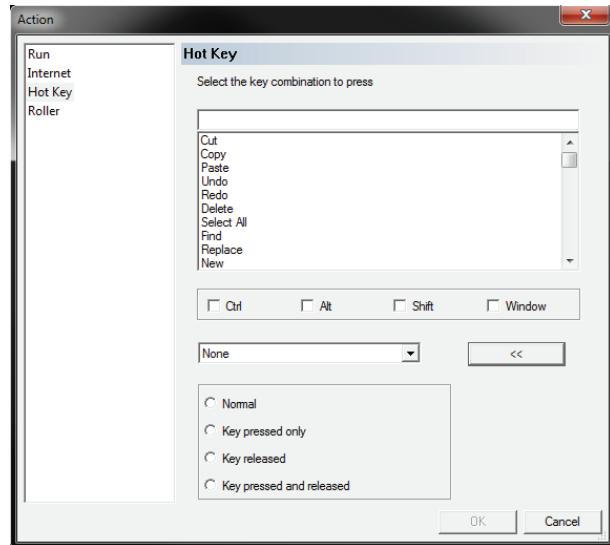


- The **Internet** action allows you to open a web page in a browser, send an email, connect to a news site, or other internet services. Select the service type using the **Kind of Service** drop down list and type the address into the **Address** field.

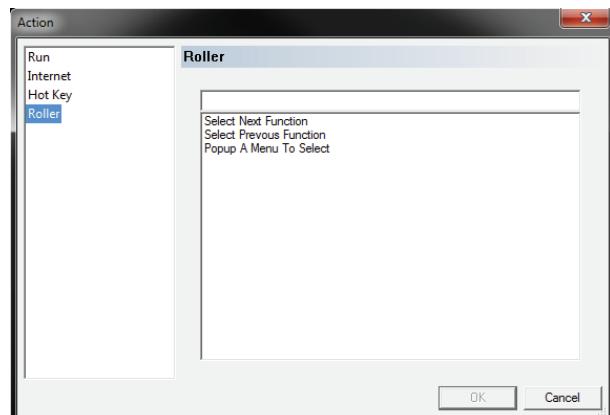


- The **Hot Key** action allows you to select from a list of named functions, such as Copy, Paste, Undo, etc. You can also define your own keystroke actions. Use the check boxes to select a shift modifier and the drop down list at the bottom to select a key to press or function to execute.

Click the >> button to see additional options that affect the functionality of the keystroke, such as executing a key release only. The default is Normal.

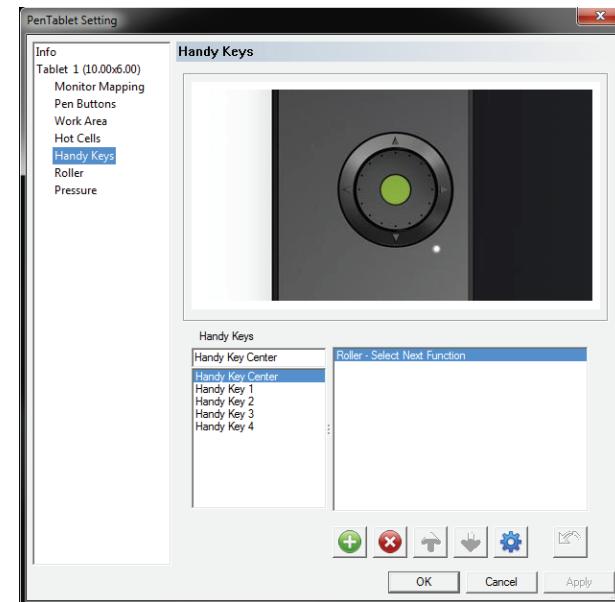


- The **Roller** action allows you to select one of the functions assigned to the Roller (13653 and 13654 only).



## Handy Keys (13653 and 13654 only)

The Handy Keys are a set of five physical keys formed in a circular pattern on the right side of the tablet. You can assign one or more actions to each Handy Key in the same was as you assign actions to the Hot Cells.

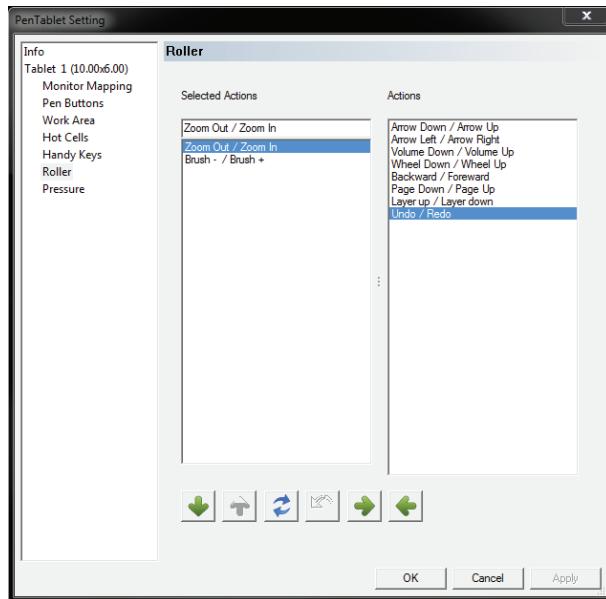


Select the Handy Key to edit from the Handy Key list on the left. The image at the top will change to highlight the selected key.

Please refer to the Hot Keys section above for detailed steps on assigning actions to the Handy Keys.

## Roller (13653 and 13654 only)

The Roller is the circular area between the Handy Key Center button and the outer ring of Handy Keys. The Roller is physically rotated clockwise or counter-clockwise to execute one of a pair of associated functions. For example, rotating the Roller in one direction can execute a Zoom In, while rotating in the other direction executes a Zoom Out. You can assign a number of predefined Action Pairs to the Roller and cycle between them using one of the Handy Keys.



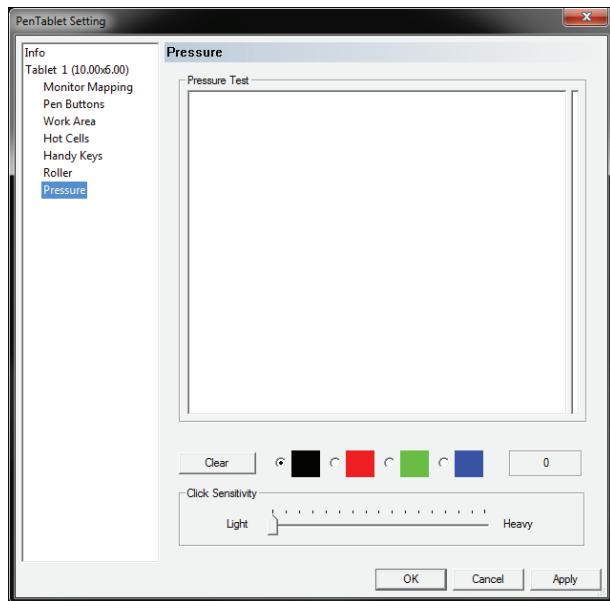
### List of Action Pairs

Arrow Down/Arrow Up	Simulates pressing the <b>Down</b> and <b>Up</b> cursor keys on the keyboard
Arrow Left/Arrow Right	Simulates pressing the <b>Left</b> and <b>Right</b> cursor keys on the keyboard
Volume Down/Volume Up	Adjusts the system <b>Volume</b>
Wheel Down/Wheel Up	Simulates the action of the <b>Mouse Wheel</b>
Backward/Forward	Simulates pressing the <b>ALT+Left Arrow</b> or <b>ALT+Right Arrow</b> keypresses, which are used by browsers to view a previously viewed page or the next viewed page
Page Down/Page Up	Simulates the <b>PgDn</b> and <b>PgUp</b> keys on the keyboard
Layer Up/Layer Down	Switches between <b>Layers</b> in a graphics editing program
Undo/Redo	Simulates pressing <b>CTRL+Z</b> and <b>CTRL+Y</b>
Zoom Out/Zoom In	Simulates pressing <b>CTRL-</b> or <b>CTRL+</b> on the numeric keypad
Brush -/Brush +	Simulates pressing the <b>}</b> and <b>{</b> keys on the keyboard

- Click this button to move the highlighted action pair **Up** in the Selected Actions list.
- Click this button to move the highlighted action pair **Down** in the Selected Actions list.
- Click this button two **Swap** the order of the selected action pair. For example, by default the Zoom pair assigns the Zoom Out function the clockwise direction of the roller and Zoom In to the counterclockwise direction. Clicking this button swaps them so that Zoom In is the clockwise direction and Zoom Out the counterclockwise.
- Click this button to **Undo** any unsaved changes.
- Click this button to **Remove** the highlighted action pair from the Selected Actions list.
- Click this button to **Add** the highlighted action pair in the Action List into the Selected Actions list.

## Pressure

The **Pressure** dialog allows you to test and adjust the pressure sensitivity of the tablet.

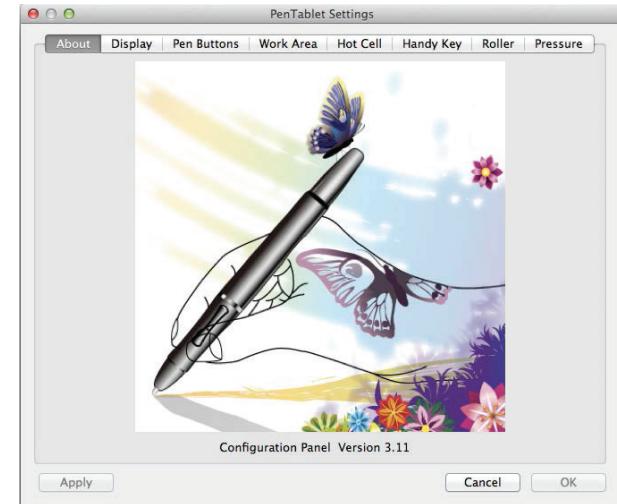


- Use the radio buttons to the left of each color patch to select which color to use for the test.
- Use the **Slider** to adjust the amount of physical pressure required to use the full pressure range.
- Use the pen stylus to draw in the **Pressure Test** area. As you apply more pressure the numeric value to the right of the color patches will increase up to the maximum pressure range of the tablet. Additionally, the pressure bar to the right of the Pressure Test area will increase proportionate to the maximum pressure value.
- Click the **Clear** button to clear the contents of the Pressure Test area.

Note that the maximum pressure value for PID 13652 is 1024, while the maximum values for PIDs 13653 and 13654 is 2048.

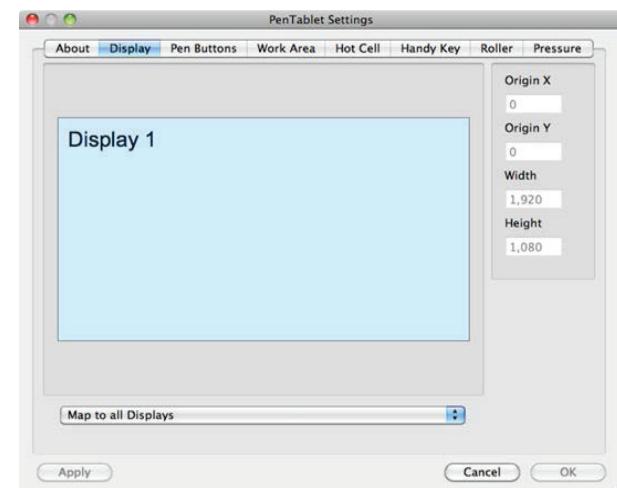
## MAC CONFIGURATION

Once the driver software has been installed, click the Tablet icon (☒) in the menu bar to open the tablet configuration utility. The Tablet Configuration Panel will be displayed, as shown in the screenshot below. Click one of the tabs at the top to select the various configuration dialogs.

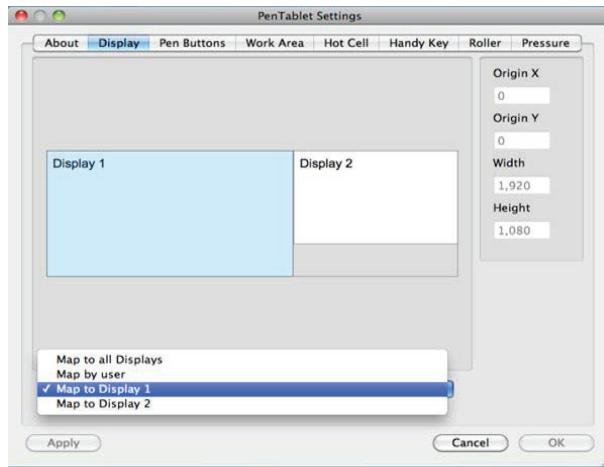


## Display

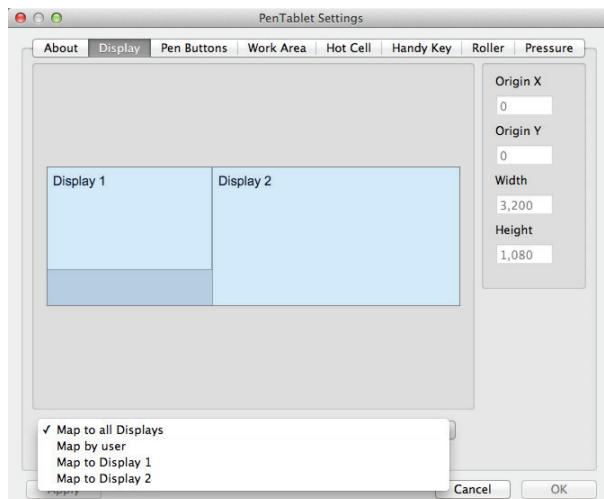
Use the **Display** tab to set the relationship between the action on the tablet and your monitor(s). If you have a single monitor, the screen is automatically mapped to the full action area of the tablet.



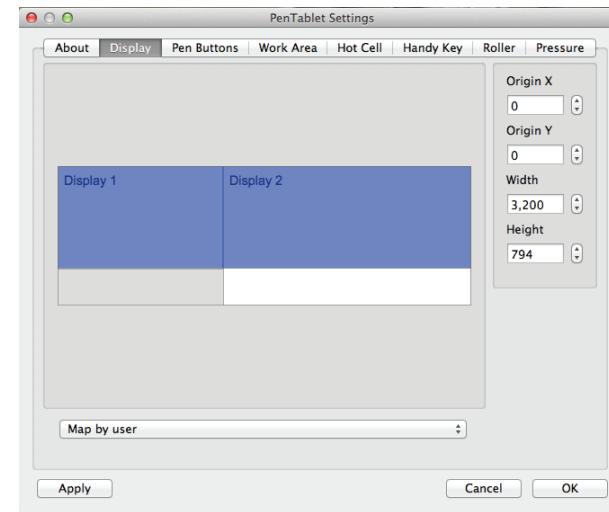
If you have multiple non-mirrored monitors attached to your system, you can choose to have the tablet map to one or all of them. If you choose to map to just a single monitor moving the pen across the tablet will move the cursor across the screen of the selected monitor and the cursor will never touch any other monitors.



If you choose to **Map to all Displays**, as in the example screen below, moving the pen across the tablet from left to right will start the cursor at the left edge of the left-most monitor and move all the way to the right edge of the right-most monitor.

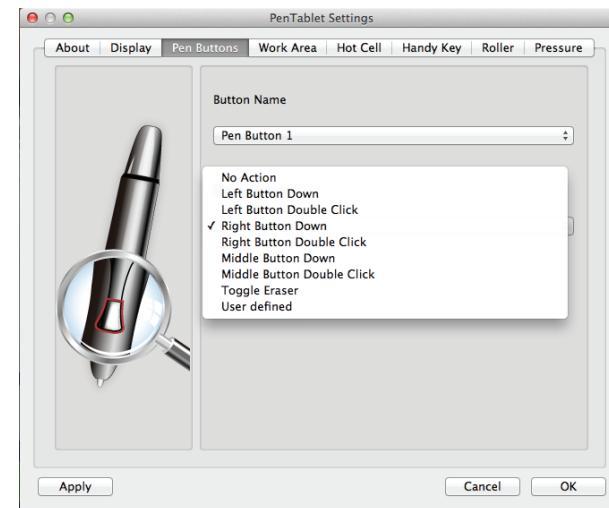


Finally, you can choose the **Map by user** option, which allows you to specify the exact size and area for the monitor layout. Type numeric values into the **Origin X**, **Origin Y**, **Width**, and **Height** text fields or use the spinner controls to the right of the text fields to adjust the displayed values.



## Pen Buttons

Use this tab to customize the functions of each of the two buttons. Note that the Pen Tip can only be defined as the left mouse button.

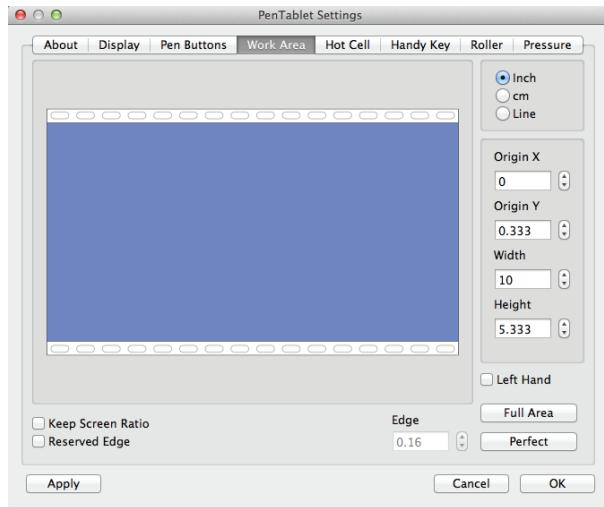


- **Button Name:** Use the drop down list to select which button to edit. Note that the Pen Tip is set to the left mouse button and cannot be changed.

- **Mouse Action:** Select one of the functions from the drop down list for assignment to the selected button.

## Work Area

The Work Area defines which part of the tablet's Active Area is usable. In most cases, the Work Area is the full area allowed, but you may wish to reduce the size and shape of the Work Area, allowing smaller movements of the pen to result in longer movements of the cursor on the screen.



To adjust the size and shape of the Work Area, drag one of the sides or corners of the displayed work area. The dimensions of the work area to the right will change to reflect the actual dimensions. Alternatively, you can either type numeric values into the **Width** and **Height** text boxes or use the spinners to the right of the text boxes.

In addition to adjusting the size and shape of the work area, you can adjust the offset (origin). Normally, the bottom left of the work area is at the bottom left of the active area. However, you may wish to use another area of the tablet for the work area. You can adjust the offset by dragging the work area to a different location.

The values for **Origin X** and **Origin Y** will automatically change to reflect the actual position of the work area. Alternatively, you can either type values directly into the Origin text boxes or use the spinners to the right of the text boxes to adjust the displayed value.

In most cases, you will want to use all of the available area on the tablet. Click the **Full Area** button to automatically set the work area to the maximum size.

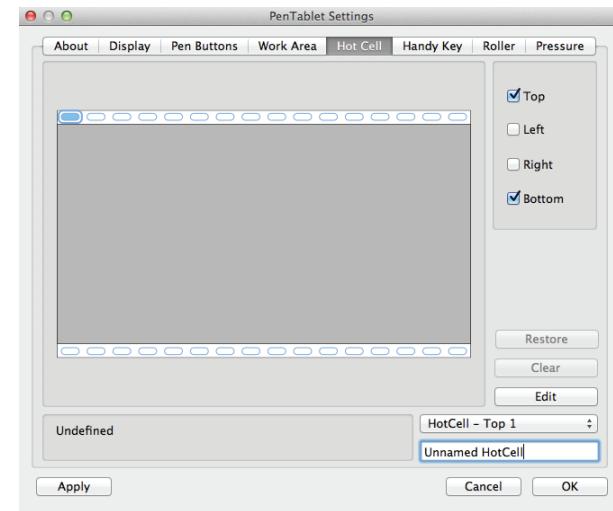
Checking the **Reserve Edges** option adjusts the work area to allow for the amount of additional space on the edges for Hot Cells. Use the **Edge** text field and/or spinner controls to adjust the amount of space to reserve.

Checking the **Keep Screen Ratio** option ensures that the aspect ratio of the tablet and display are the same. This ensures that if you draw a perfect circle on the tablet, a perfect circle will be displayed on screen instead of an ellipse.

Click the **Perfect** button to automatically enable the Reserved Edge and Keep Screen Ratio options.

## Hot Cell

Hot Cells are locations around the edge of the tablet that act as buttons. You can assign a wide variety of actions to each Hot Cell. A Hot Cell can have only a single action assigned.



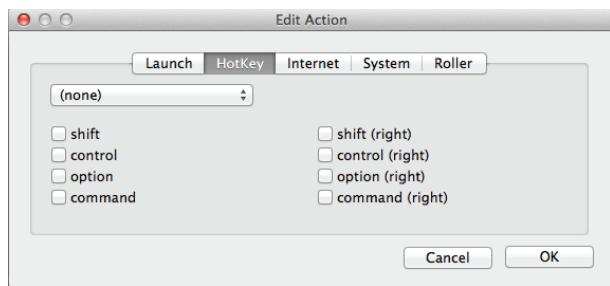
By default, Hot Cells are located at the top and bottom of the tablet, but you can choose to restrict to a single location or to expand it to include locations along the sides. Use the check boxes in the upper right corner to determine which edges will have Hot Cells.

- Click an individual Hot Cell to select it.
- Alternatively, select a Hot Cell using the drop down list.
- You can name the Hot Cell by typing a name into the text field.

- Click the **Edit** button to set the action to be executed whenever the Hot Cell is clicked.
- The **Launch** action allows you to launch any program. Type the name of the program into the Application field. Alternatively, use the browse button to navigate and select the program to launch.
- If you want to launch the program using specific command line parameters, type them into the **Parameter** field.



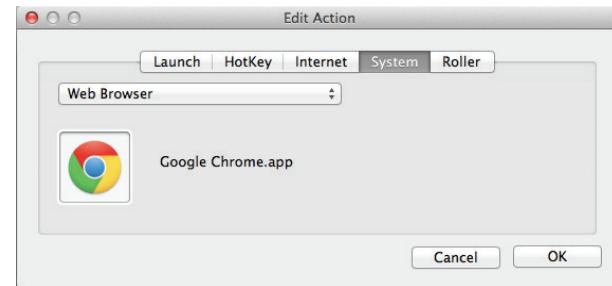
- The **Hot Key** action allows you to define a keystroke. Use the check boxes to select one or more shift modifiers and the drop down list to select which key to press.



- With the **Internet** action you can load a web page in your browser. Type the URL of the page you want to open into the URL text field.



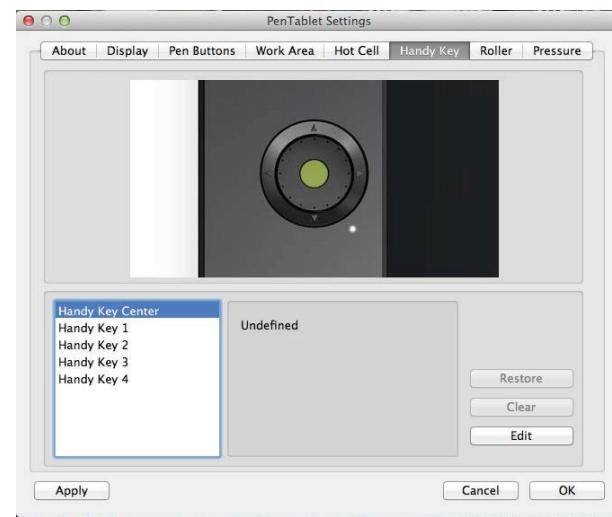
- The System action allows you to select from several system options and programs, such as the default web browser, mail program, media player, etc. Use the drop down list to select the option to execute.



Note that the Roller action is not applicable to the Hot Cells.

### Handy Key (13653 and 13654 only)

The Handy Keys are a set of five physical keys formed in a circular pattern on the right side of the tablet. You can assign an action to each Handy Key in the same was as you assign actions to the Hot Cells.



Select the Handy Key to edit from the Handy Key list on the left. The image at the top will highlight the selected key.

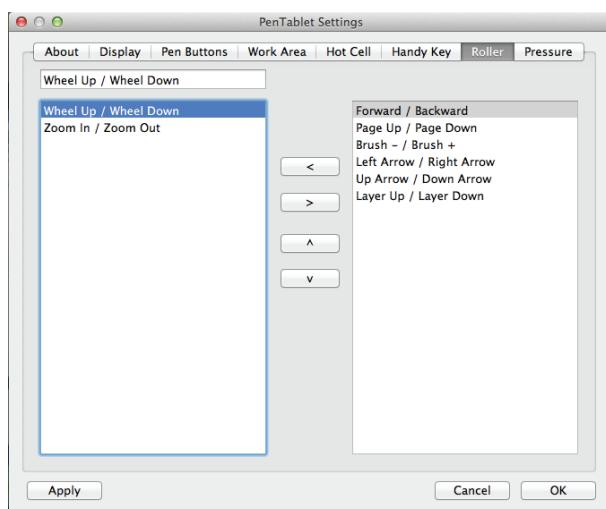
Please refer to the Hot Keys section above for detailed steps on assigning actions to the Handy Keys.

In addition to the actions that can be assigned to Hot Cells, the **Roller** action can be assigned to one of the Handy Keys. Use the drop down list to determine whether the selected Handy Key will cycle to forward to the **Next Function** or back to the **Previous Function**.



### **Roller (13653 and 13654 only)**

The Roller is the circular area between the Handy Key Center button and the outer ring of Handy Keys. The Roller is physically rotated clockwise or counterclockwise to execute one of a pair of associated functions. For example, rotating the Roller in one direction can execute a Zoom In, while rotating in the other direction executes a Zoom Out. You can assign a number of predefined function pairs to the Roller and cycle through them.



- Click the < button to add the highlighted action pair from the list on the right to the list of Selected Actions on the left.

- Click the > button to remove the highlighted action pair from the list of Selected Actions on the left.
- Click the ^ button move the highlighted action pair up in the Selected Actions list.
- Click the v button to move the highlighted action pair down in the Selected Actions list.

List of Action Pairs	
Forward/Backward	Simulates pressing the <b>ALT+Right Arrow</b> or <b>ALT+Left Arrow</b> keypresses, which are used by browsers to view a previously viewed page or the next viewed page
Page Up/Page Down	Simulates the <b>Page Up</b> and <b>Page Down</b> keys on the keyboard
Brush -/Brush +	Simulates pressing the } and { keys on the keyboard
Left Arrow/Right Arrow	Simulates pressing the <b>Left</b> and <b>Right</b> cursor keys on the keyboard
Up Arrow/Down Arrow	Simulates pressing the <b>Up</b> and <b>Down</b> cursor keys on the keyboard
Layer Up/Layer Down	Switches between <b>Layers</b> in a graphics editing program
Wheel Up/Wheel Down	Simulates the action of the <b>Mouse Wheel</b>
Zoom In/Zoom Out	Simulates pressing <b>CTRL+</b> or <b>CTRL-</b> on the numeric keypad

## Pressure

The Pressure dialog allows you to test the pressure sensitivity of the tablet.



- Click one of the color patches to select which color to use for the test.
- Use the pen stylus to draw in the **Pressure Test** area. As you apply more pressure the numeric value to the right of the color patches will increase up to the maximum pressure range of the tablet. Additionally, the pressure bar to the right of the Pressure Test area will increase proportionate to the maximum pressure value.
- Click the **Clear** button to clear the contents of the Pressure Test area.

Note that the maximum pressure value for PID 13652 is 1024, while the maximum values for PIDs 13653 and 13654 is 2048.

## TECHNICAL SUPPORT

Monoprice is pleased to provide free, live, online technical support to assist you with any questions you may have about installation, setup, troubleshooting, or product recommendations. If you ever need assistance with your new product, please come online to talk to one of our friendly and knowledgeable Tech Support Associates. Technical support is available through the online chat button on our website [www.monoprice.com](http://www.monoprice.com) during regular business hours, 7 days a week. You can also get assistance through email by sending a message to [tech@monoprice.com](mailto:tech@monoprice.com)

## SPECIFICATIONS

Tablet			
Model	13652	13653	13654
Type	Electromagnetic Digitizer	Electromagnetic Digitizer	Electromagnetic Digitizer
Resolution	2000 LPI	5080 LPI	5080 LPI
Report Rate	100 rps	200 rps	200 rps
Pressure Sensitivity	1024 levels	2048 levels	2048 levels
Handy Keys	N/A	5	5
Roller	No	Yes	Yes
Reading Height	7mm	7mm	7mm
Operating Voltage	5 VDC	5 VDC	5 VDC
Input Current	< 70mA	< 70mA	< 70mA
Power Consumption	0.35W	0.35W	0.35W
Interface	USB 1.1/2.0	USB 1.1/2.0	USB 1.1/2.0
Dimensions	12.2" x 9.3" x 0.4" (309 x 237 x 9 mm)	12.2" x 9.3" x 0.4" (309 x 237 x 9 mm)	14.1" x 9.3" x 0.4" (357 x 237 x 10 mm)
Weight	20.5 oz. (580g)	19.9 oz. (565g)	20.8 oz. (590g)

Pen			
Buttons	3	3	3
Power Source	1x AAA battery	1x AAA battery	1x AAA battery
Battery Life	> 6000 hrs.	> 6000 hrs.	> 6000 hrs.
Power Consumption	150 µW	150 µW	150 µW
Replaceable Pen Tip	Yes	Yes	Yes
Dimensions	5.7" x 0.6" x 0.6" (145 x 14 x 16 mm)	5.7" x 0.6" x 0.6" (145 x 14 x 16 mm)	5.7" x 0.6" x 0.6" (145 x 14 x 16 mm)
Weight (without battery)	0.7 oz. (21g)	0.7 oz. (21g)	0.7 oz. (21g)

## **REGULATORY COMPLIANCE**

### **Notice for FCC**



This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Modifying the equipment without Monoprice's authorization may result in the equipment no longer complying with FCC requirements for Class B digital devices. In that event, your right to use the equipment may be limited by FCC regulations, and you may be required to correct any interference to radio or television communications at your own expense.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

### **Notice for Industry Canada**



This Class B digital apparatus complies with Canadian ICES-003.  
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada