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### 1. WHAT'S NEW

(See item #8 below for a list of bug fixes.)

- Enhanced and Expanded Read Me File  
Just the thing for those sleepless nights.

- Application Set Improvements

This version of MouseWorks includes an entirely new collection of prebuilt Application Sets, covering a wide range of popular applications. By importing these sets (refer to the MouseWorks Help), you can quickly enhance the functionality of your favorite applications with special MouseWorks functions. You can also modify these settings to your liking, or create new sets from scratch.

In addition, version 5.7 changes the way Application Set matching occurs. Previously, the application name in MouseWorks had to match the application's name exactly. This caused some problems when upgrading to newer application versions—for example, a set that worked great with Adobe® Photoshop® 6.0 would stop working as soon as you upgraded to Photoshop 6.0.1, because the application name was different. Now, partial matches are accepted. So an application set with “Photoshop” as the application name (in the Application Set Properties dialog) will work for “Adobe Photoshop,” “Adobe® Photoshop® 6.0,” and even “Adobe® Photoshop® Elements.” See the included sample sets for examples.

In the unlikely event that you have two or more “In Use” sets where one name is a subset of the other, the longest match will win. For example, if you have an application set named “Outlook,” that will match both

“Microsoft Outlook” and “Outlook Express.” However, if you also had an application set named “Outlook Express,” the “Outlook Express” set would be used for Outlook Express and the “Outlook” set would be used for “Microsoft Outlook.”

- StudioMouse Support and the Pan/Zoom Response

Kensington’s StudioMouse combines optical precision with a unique scroll sensor in a stylish, comfortable case. Special MouseWorks features make this the ideal pointing device for creative professionals—just touch to scroll, pan, or zoom in popular graphics applications.

#### The Scroll Sensor

StudioMouse features an innovative control for scrolling and zooming. The scroll sensor works much like a mechanical scroll wheel, but has increased sensitivity and additional functionality while using no moving parts.

To scroll up in a window, simply touch the sensor and move your finger toward the front of the mouse. To scroll down, slide your finger toward the back of the mouse. The farther (and faster) you move your finger, the farther (and faster) your window will scroll.

In addition, special areas at the top and bottom of the scroll sensor have been designated Continuous Scrolling zones. To scroll up or down continuously, simply press and hold your finger at the very top or very bottom of the sensor. Scrolling will stop when you remove your finger from the sensor.

As with all Kensington input devices, scrolling speed is adjustable using the control on the Scrolling Tab (under the Settings For: Tab). Keep in mind that actual scrolling speed may vary from one application to the next. You may wish to use Application Sets to fine-tune the scrolling speed for each application.

#### The Pan/Zoom Response

The middle button on StudioMouse is preset to the Pan/Zoom response. While this button can also be set to any standard MouseWorks response, the Pan/Zoom feature gives StudioMouse unique capabilities in supported graphics applications (see list below).

#### Using the Pan/Zoom button

When the Pan/Zoom Response is selected, the middle button works as follows:

- Press and hold the button to activate Pan When You Move The Mouse (similar to Scroll When You Move The Mouse). The cursor changes to the “open hand” shape, and MouseWorks activates the Pan control (sometimes

referred to as a Grabber) in graphics applications. Simply hold the button down while moving the mouse to reposition the image anywhere within the window. When you release the button, whichever tool you had selected previously will be reactivated.

- Press and release the button to activate Zoom mode. The cursor changes to the “magnifying glass” shape, and MouseWorks activates the Zoom control in graphics applications. While in Zoom mode, you can change the magnification of your image in any of three ways:

1. Move your finger forward on the scroll sensor to zoom in, backward to zoom out.
2. Click and release the left mouse button to zoom in by one increment. (Hold the Option key while clicking to zoom out.)
3. Click and hold the left mouse button to draw a rectangle. When you release the button, your display will zoom that portion of the image to fill the window.

To exit Zoom mode and restore standard mouse functionality, just press and release the middle button again.

#### Fine-Tuning the Pan delay

When you press the middle button, MouseWorks waits a fraction of a second to see whether the button is going to be released before activating Pan When You Move The Mouse. If the button is released before this time is up, MouseWorks activates Zoom mode instead.

In most cases, the button will do exactly what you expect it to, and this tiny delay should be imperceptible. However, you may wish to adjust it. The Pan delay is controlled by the Double-Click Speed slider on the Click Speed Tab. (The same time delay is used for both purposes.)

- If you feel there is too much of a delay before Pan activates, go to the Click Speed tab and move the slider toward the right (a faster Double-Click speed, which corresponds to a shorter Pan delay).
- If you feel there is too little delay (i.e., Pan is turning on when you intended to toggle Zoom mode), go to the Click Speed tab and move the slider toward the left (a slower Double-Click speed, which corresponds to a longer Pan delay).

Note: The Pan/Zoom response is available only for the middle button, and only on StudioMouse.

#### Pan/Zoom and Application Sets

Application Sets allow you to have button and scrolling settings that change depending on which application is active. By default, MouseWorks comes with the “All Other Programs” application set active and the middle

button set to Pan/Zoom in that set. If you create (or load) an application set for one of the graphics applications MouseWorks supports, you must make sure the middle button is set to Pan/Zoom for that application, since application-specific settings always override the “All Other Programs” set.

Conversely, if you’re using a supported graphics application and you want to prevent Pan/Zoom from being used in that application, create (or load) an application set for it and select a different middle button response for that set.

Note: Although you can choose the Pan/Zoom response for the middle button in any application set (including “All Other Programs”), it will only work in a select group of graphics applications. In any other application, the Pan/Zoom response will produce a Double-Click.

#### Applications Supporting Pan/Zoom for StudioMouse

The following graphics applications should permit proper operation of the StudioMouse Pan/Zoom functionality.

- \* Adobe® Acrobat®
- \* Adobe Acrobat Reader
- \* Adobe InDesign®
- Adobe Illustrator®
- \* Adobe PageMaker® (through version 7.0)
- Adobe Photoshop®
- \* Deneba™ Canvas™ (through version 7)
- \* Macromedia® FireWorks®
- \* Macromedia Flash™
- Macromedia Freehand® (through version 10)
- \* MicroFrontier Color It!™
- \* MicroFrontier Enhance™
- QuarkXPress™ (through version 4.x)

Applications marked with an asterisk (\*) have undergone only limited testing with this product and may not always function as expected. If you find that Pan/Zoom does not function correctly in a particular application, you can use an Application Set (as described above) to change the middle button response for that application to something other than Pan/Zoom.

#### Known Issues with Graphics Applications and the Pan/Zoom Response

1. In some applications, keyboard shortcuts (such as Command-S) will not function correctly while in Zoom mode. In others they will function, but not return the mouse to Zoom mode (requiring an additional two clicks of the middle button). For best results, do not use keyboard shortcuts while in Zoom mode.

2. While in Zoom mode in some applications, menus will not “stick” down when you release the mouse button.
3. While in Zoom mode in Freehand, you cannot select tools from the tool palette. Turn off Zoom mode to choose a new tool.
4. The Pan delay in Freehand is longer than in other applications; this was done to work around some peculiarities in Freehand's processing of keyboard commands.
5. When scrolling (especially Continuous Scrolling) in Adobe Acrobat and Acrobat Reader, you may find that there is a significant time delay before scrolling starts, and that it continues well after you stop moving your finger.
6. In Canvas, if you pan while in Zoom mode and then click the middle button again to turn off Zoom mode, you may still see the hand cursor. To return to your previously selected cursor, simply click the left button.
7. Fireworks does not support scrolling using a scroll wheel or scroll sensor. Attempting to scroll will cause you to switch applications.
8. The Zoom features do not work with the public beta version of QuarkXPress version 5.0. After the final release of QuarkXPress 5, check the Kensington website for updates.

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## 2. SOFTWARE REQUIREMENTS

This version of MouseWorks requires Mac OS 8.0 or higher. However, for USB devices Mac OS 8.1 or higher is required, and for USB devices with a scrolling mechanism or more than 3 buttons, Mac OS 8.5 or higher is required. This version of MouseWorks does not work on Mac OS X; a Mac OS X version of MouseWorks is available separately on Kensington's website.

### Scroll Wheel/Scroll Ring™/Scroll Sensor notes:

Support for scrolling mechanisms requires Mac OS 8.5 or higher with USB 1.1 or higher installed. They will not work on the original (“Rev. A”) iMac unless Mac OS 8.5 or higher and the iMac Update 1.1 or later are installed. After you update your iMac to 8.5 with iMac Update 1.1 or higher, you must re-install Kensington MouseWorks.

### Keyboard Notes:

There is currently no USB keyboard support on machines that do not have

USB built-in. For those people using a USB PCI card, MouseWorks will not be able to capture keystrokes of a USB keyboard—meaning you can't use a USB keyboard to assign "Keystroke" responses to buttons. For all machines with built-in USB (iMacs, iBooks, blue & white G3s, G4s, and 1999 or later PowerBook G3s and G4s), the keyboard works fine.

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### 3. MouseWorks and Multiple Users

As of version 5.6, MouseWorks correctly supports the Multiple Users feature of Mac OS 8 and 9. This allows each User to have (among other things) a unique set of preferences and application sets for MouseWorks. If a User doesn't already have a preference file (as would be the case for a newly created User), the Owner's preferences will be copied into that User's Preference folder to serve as a starting point.

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### 4. Known Issues

#### DirectLaunch Tab and Turbo Mouse Pro

The DirectLaunch tab is not hot-plug aware. So if you have the MouseWorks control panel running, and then plug in a Turbo Mouse Pro, the Presets tab won't automatically show up; you must quit the application and relaunch it. Likewise, if you unplug the device while the control panel is open, the DirectLaunch tab won't disappear.

#### Instant Menu and Microsoft Office:

MouseWorks' "Instant Menu" feature allows you to click anywhere on the screen and have a "pop-up menu" appear which contains the same menus as are shown in the menubar. However, the design of Office 98 applications (Word, Excel, and PowerPoint) does not permit this feature to function properly. Therefore, Instant Menu has been disabled in those applications. Instant Menu does work correctly in Office 2001 applications, however.

#### Scrolling:

Several applications do not support Kensington's method of scrolling with a scroll wheel or other scrolling mechanism. These include:

- Adobe GoLive
- Apple System Profiler
- iTunes
- Macromedia Fireworks
- Microsoft Excel 5.0, 98, and 2001
- Netscape 6.0

(Scrolling does work in Netscape 6.1, but you must first click in the

pane you wish to scroll.)

- Sherlock II
- Virtual PC

Additional known issues specific to StudioMouse when used in graphics applications are noted above under “StudioMouse Support and the Pan/Zoom Response.”

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## 5. MouseWorks and Virtual PC™

If you use Virtual PC, you should be aware of some features and limitations of MouseWorks that apply to you.

REALLY IMPORTANT NOTE: Do not install the Windows version of MouseWorks under a PC emulator. This will result in two (or more) mouse drivers fighting for control of your pointing device, and you may find that mouse clicks are not recognized at all under Windows. Instead, create an application set for your PC emulator using the MouseWorks control panel under the Mac OS (see below). If you’ve already installed MouseWorks PC, you need to uninstall it (using Windows keyboard commands) then restart Windows. If, after restarting Windows, your pointing device still does not function, use keyboard commands to open your System control panel, choose the Device Manager tab, manually remove the Kensington MouseWorks driver found under “Mouse,” then restart Windows again.

### Creating an Application Set

In the (Mac) MouseWorks control panel, choose Add New Sets... from the Settings For: menu, and locate the Virtual PC application. (You can also start with the prebuilt “Virtual PC” application set in the “Available Sets” column—simply select it and click Copy to move it to “In Use Sets.”)

### Setting up Right-Click

1. On the Buttons tab, decide which button you want to use for a Windows right-click, and choose Keystrokes (not More Clicks...) from the Response Menu.
2. If necessary, click Clear to remove any existing keystrokes. Then press the Shift, Control, and Tab keys at the same time. Click OK.
3. Now launch (or switch to) Virtual PC. Choose Preferences... (VPC 2.x or 3.x) or <Virtual Machine Name> Settings... (VPC 4) from the Edit menu, and click Mouse. Select the Key Sequence radio button on the right, and press Shift-Control-Tab again. Click OK.

Using the combination of Shift-Control-Tab for right clicks (rather than Control-click or Control-Tab as suggested by Connectix) allows you to

retain use of the Control key for selecting noncontiguous files under Windows.

#### Setting up Double-Click

Choosing the standard Double-Click response in the Mac version of MouseWorks may not produce a double-click in Windows. This is a timing issue, and will depend to some extent on the speed of your machine. To compensate for this, our prebuilt application set for Virtual PC includes a special "Slow Double-Click" with a small delays inserted between up and down clicks. To do this yourself, hold down the Option key and choose Custom... from a response menu. Then type in the following:

```
1[ButtonDown,Delay(40),ButtonUp,Delay(140),ButtonDown,Delay(40)];2  
[ButtonUp]
```

You may need to adjust the delay numbers slightly for best results on your machine.

#### Limitations in the PC Environment

MouseWorks is optimized to give basic mouse performance when using the mouse in the PC environment. Some of the advanced features of MouseWorks that are available in the Mac OS environment will not work well, or will not work at all in the PC environment.

#### Features that work well

- Click
- Drag
- Slow Cursor
- Axis-only

#### Features that may work in the PC environment:

- Some Shortcuts; this is heavily dependent on the specific shortcut, and which command it implements.
- Keystrokes. Due to the same timing issues that make Double-Click problematic, keystrokes for Windows commands (such as Alt-F-S for Save) will not work without some additional effort. To implement a Windows "accelerator key" shortcut, follow the directions above for Double-Click, but enter a Custom string such as the following:

```
1[KeyDown(Option),Delay(15),KeyUp(Option),KeyDown(F),KeyUp(F),KeyDown(S),KeyUp(S)]
```

In this example, the Option key is pressed, with a short delay before the release, and then the keys F and S are pressed and released individually. Separating the presses and releases in this manner avoids most timing issues and allows you to activate nearly any Windows menu command from

MouseWorks.

Features that do not work in the PC environment:

- Scrolling (with a scroll wheel or other scrolling mechanism)
  - Snap To Default
  - Pop-Up menus
  - Brilliant Cursor
- 

## 6. Installation—What Goes Where

System Folder:Extensions:

Kensington Startup—The Kensington MouseWorks extension.

Kensington Startup ADB—This extension allows MouseWorks to communicate with ADB devices.

Kensington USB Shim—This extension allows MouseWorks to communicate with USB devices. It is installed only on machines which use USB.

Kensington USB Devices—This file contains information about the USB devices that Kensington supports. The Kensington Startup extension needs this file to locate Kensington USB devices. It is installed only on machines which use USB.

Kensington TM Pro Wireless and Kensington SM Wireless—These files enable the Low Battery indicator to function correctly on Kensington wireless devices.

Some additional product-specific files are installed ONLY if your machine has Mac OS 8.5 with USB 1.1 installed. They enable the scroll wheel on various Kensington USB devices. USB 1.2 added new features that enable MouseWorks to support all our devices directly using the Kensington USB Shim, so these files are obsolete with USB version 1.2 or later.

System Folder:Help:

MouseWorks Help—This folder contains the HTML and GIF files that make up MouseWorks' electronic help. To view the help, either choose MouseWorks Help from the Help menu when the MouseWorks control panel is open, or choose Help Center from the Help menu at any time and click the Kensington MouseWorks Help link.

System Folder:Preferences:

Kensington Preferences—A default preference file, installed only if there is not already one there.

Kensington—This folder is created at the install location (by default this is in your Applications (Mac OS 9) folder). It contains:

Kensington MouseWorks Read Me—this file.

Kensington MouseWorks–The program that is used to change mouse options. It is copied into the Kensington folder, and an alias is created in the Control Panels folder.

QuickStart Guide–This file adds the “QuickStart Guide” command to the Help menu, allowing you to open the HTML file containing the text of the printed QuickStart Guide that is packaged with Kensington input devices. Included for users who downloaded the software and don’t have a copy of the printed guide.

Kensington MouseWorks Help–This file adds the “MouseWorks Help” command to the Help menu, allowing you to open the HTML help using Apple Help Viewer.

Standard.kml–A file containing the factory default preferences. This is used when you choose Standard Set from the Restore menu.

Application Sets folder–Contains the prebuilt sample application sets.

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## 7. Control Panel Hidden Features

There are a few obscure features within Kensington MouseWorks that can only be accessed when the Option key is held down. They are:

- CUSTOM RESPONSE–Hold down the Option key while clicking on the response menu in the Buttons tab, to show the Custom response item. The syntax for this response is defined in the MouseWorks Help.
- ACCELERATION TABLE–Hold down the Option key while viewing the Acceleration tab (with the Fine Adjustment checkbox selected) to display the Table button. The dialog that comes up in response to this button allows for very fine tweaking of the acceleration curve. The Acceleration Table is documented in the MouseWorks Help.
- CONVERT SHORTCUTS–In the Shortcuts dialog (displayed when a shortcut response is selected from the Response Menu) the OK button is changed to a Convert button when you hold down the Option key. Clicking Convert will convert the selected shortcut action into its custom parts: it will be displayed as such from then on (e.g. the Cancel shortcut will be displayed as a keystrokes response that sends an Escape character. Note that the label for the response maintains the Shortcut name).
- BRILLIANT CURSOR– Choose any tab other than the Movement tab, then hold down the Option key while clicking the Movement tab. To adjust the Brilliant Cursor HotSpot Definition keys, hold down the Option key while clicking the Options menu, and choose Brilliant Cursor@...

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## 8. Version History

#### Feature Changes in version 5.7

- Support for new device: StudioMouse, including Pan/Zoom functionality for the middle button on this device when used with certain graphics applications.
- Install location changed: By default, the Kensington folder is now created in your “Applications (Mac OS 9)” folder, and your previous Kensington folder, if any, will be moved there.
- Changed Application Set matching technique to work with partial names.
- Added new prebuilt sample application sets.

#### Bugs fixed in version 5.7

- 0010 - Paste Text leaves out some text
- 0179 - Scrolling does not work in Netscape 6. (NOTE: Scrolling is now supported in Netscape 6.1 and higher, but you must first click in the pane you wish to scroll. Scrolling will not, however, work in Netscape 6.0 or 6.01.)
- 0285 - Low battery alert will show more than once every day if preferences are changed, until reboot.
- 0287 - Turbo Mouse Pro Wireless low battery alert reads as 'Expert Mouse Pro'
- 0340 - Application set switching fails when switching to a different user
- 0362 - Scrolling in embedded PDF files crashes Internet Explorer  
(But note that while the crash has been fixed, scrolling in embedded PDF files is currently not supported when using the Acrobat Reader plug-in for Internet Explorer.)
- 0378 - 'Kensington Startup ADB' icon in finder is missing or jagged
- 0380 - MouseWorks crashes when USB Kensington mouse unplugged
- 0392 - Instant Menu crashes MouseWorks on Mac OS 8.1
- 0398 - Bookmark URL dialog should read 'DirectLaunch™,' not 'Channel' button.

#### Feature Changes in version 5.6

- Support for new device: Turbo Mouse Pro Wireless, including a low battery alert.
- Printing has been removed.
- The default URLs for the DirectLaunch™ buttons on Turbo Mouse Pro/Expert Mouse Pro have been revised.
- The button pre-assigned to Control+Click is now labeled “Contextual Menus” rather than “Mac OS 8 Menus.”
- The “Presets” tab is now called the “DirectLaunch” tab, in keeping with the terminology used for Expert Mouse Pro.
- The HTML help has been slightly updated.
- The URL attached to the Online Registration... command in the Help menu has been updated.

#### Bugs fixed in version 5.6

0252 - MouseWorks disables devices when Input Sprockets in use under OS 9.1

0257 - MouseWorks caused "out of memory" error in Virtual PC 4.0 under OS 9.1.

0011 - In the "Define Menu Response" dialog, the labels did not change correctly to match the menu items.

0012 - Crash when switching applications with MouseWorks control panel open

0049 - Scrolling did not work correctly on a pre-USB machine with a third-party PCI USB card and Apple's USB Adapter Card Support 1.4.1.

0065 - Control key sticks on when activated via a Preset button. In the unlikely event that someone were to program a DirectLaunch button to press the Control key, it would remain permanently "pressed" until restart.

0067 - Popup menu showed Custom response instead of "Click"—a cosmetic problem in the control panel.

0112 - MouseWorks settings were lost when Multiple Users feature was used. Settings should no longer be lost, however, MouseWorks does not yet support independent preference files for each user.

0114 - Hot-plugging did not work correctly on a pre-USB machine with a third-party PCI USB card.

0115 - After logging on a few times (multi-user Mac) EasyLaunch didn't work. Also related to the Multiple Users feature, repeated logging in and out sometimes caused EasyLaunch to stop working. This has been fixed.

0116 - iBook/PowerBook trackpad disabled after installing MouseWorks. After installing MouseWorks and restarting, the built-in trackpad on certain newer iBook and PowerBook models no longer functioned, although the external mouse/trackball did. In order to resolve this problem, MouseWorks now ignores all non-Kensington ADB pointing devices, which will continue to use the Apple driver.

0117 - Programmed URL buttons appear in List View of Control Panel. Expert Mouse Pro DirectLaunch buttons were appearing in the List View of the Buttons tab, and were showing up as a Pop-Up menu rather than an EasyLaunch command.

0119 - MouseWorks caused buttons to disappear in Office 98 modal dialogs. In certain modal dialog boxes in Excel, Word, and PowerPoint, buttons (like OK/Cancel) would be missing. The keystrokes to activate those buttons still worked, but they were invisible. This has been corrected.

0127 - Mouseworks 5.5/Mac wrong version number in Resource fork. Certain parts of the MouseWorks software indicated version "5.0.5" instead of "5.5." This was a minor cosmetic issue that did not in any way affect functionality.

New in version 5.5:

- Support for new device: Expert Mouse® Pro, including a new Presets Tab (under System-Wide Settings).
- Fixed a bug that occasionally resulted in a crash when switching

applications while the MouseWorks control panel was open.

New in version 5.41:

- Support for new devices: Mouse•in•a•Box Optical, Mouse•in•a•Box Pro Optical, and Turbo Mouse ADB/USB.
- Fixed a bug which resulted in errors in the List View on the Buttons tab (icons were sometimes missing or incorrect, and changes made in List View were sometimes not saved correctly).
- In version 5.4, if you had a TurboRing trackball, scrolling direction would always be down for clockwise ring movements and up for counterclockwise ring movements, regardless of which direction you selected on the Scrolling Tab. This has been fixed.

New in version 5.4:

- Fixed a bug that could lead to random crashes, most often seen in Eudora, Mailer, MailSmith, and BBEdit.
- Support for new device, "TurboRing," including Scroll Ring™ Direction setting on the Scrolling tab (visible only if a TurboRing trackball is attached).
- Electronic help is now in HTML format, displayed using Apple Help Viewer (or another web browser, for older OS versions). This replaces the AppleGuide help.
- Removed obsolete features: Compatibility Options and Menu Lock.
- Reduced the default Acceleration speed for trackpads. This only affects users who are installing MouseWorks for the first time on a PowerBook or iBook.
- Changed the type of alert message used when Rest Reminder is turned on under OS 9. Now, instead of a modeless yellow note, you get a modal dialog box with an "OK" button, which is easier to dismiss.
- Brilliant Cursor is now a hidden feature. To access it, hold down the Option key while clicking the Movement tab.

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## 9. How to Contact Kensington

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(650) 572-2700  
(650) 572-9675 (Fax)

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tech@kensington.com (For technical support)

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