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Testing the Future

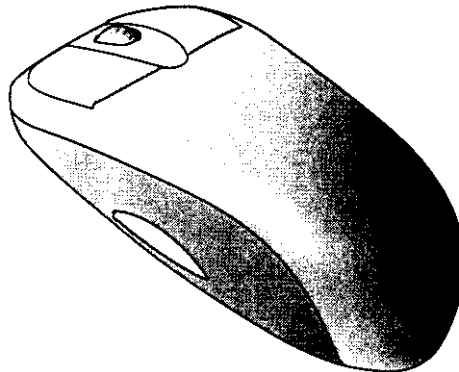
LABORATORIES, INC.

*EXHIBIT E*

SYSTEM MANUAL



Logitech® Cordless  
MouseMan® Wheel Mouse  
User's Guide



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FCC Compliance and Advisory Statement. This hardware 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. 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 or 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: 1) reorient or relocate the receiving antenna; 2) increase the separation between the equipment and the receiver; 3) connect the equipment to an outlet on a circuit different from that to which the receiver is connected; 4) consult the dealer or an experienced radio/TV technician for help. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Where shielded interface cables have been provided with the product or specified additional components or accessories elsewhere defined to be used with the installation of the product, they must be used in order to ensure compliance with FCC regulations.

Canadian DOC Statement. This digital device does not exceed the Class B limits for radio noise emissions from digital apparatus specified in the interference-causing equipment standard entitled Digital Apparatus, ICES-003 of the Department of Communications.

Cet appareil numérique respecte les limites bruits radio électriques applicables aux appareils numériques de Classe B prescrites dans le norme sur le bruit électromagnétique: Appareils Numériques, NFB-003 dicté par le Ministère des Communications.

This device complies with RSS-210 of Industry and Science Canada. Operation is subject to the following two conditions: 1) this device may not cause interference, and 2) this device must accept any interference, including interference that may cause undesired operation of the device. Transmitter frequency: 26.995; 27.045; 27.145; 27.195 MHz. Power Output: < 10mW/m @ 3m.

# Quick Start Guide



## Important Safety Information!

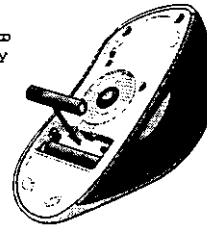
Before using your Logitech Wheel Mouse, please read the Comfort Guidelines that comes with your product, or read these same guidelines on Logitech's Internet site: [www.logitech.com](http://www.logitech.com).

### 1

#### Installing the Batteries

1. Remove the battery compartment cover.
2. Insert batteries\*. Follow the diagram inside the battery compartment for correct battery orientation.
3. Replace cover.

Use finger tip to remove battery compartment cover.



\* Use AAA alkaline batteries.

#### Battery Warning!

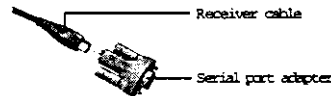
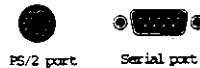
When battery power is low, a dialog box displays (except in Windows 3.1) telling you to change the batteries. You can also check battery power in the Cordless page of the Mouse Properties. (Refer to the User's Guide.)

Exercise care when handling batteries. Do not open a battery or mutilate, dispose of in a fire, expose to heat, immerse in water, install improperly, or recharge. Conducting materials, such as rings, bracelets, and keys, can short out a battery causing it to overheat and possibly leak or explode. Discard all used batteries according to the battery manufacturer's instructions. When you are not using your cordless device for long periods of time, remove the batteries and store them in a dry place at normal room temperature.

### 2

#### Connect the Radio Receiver

1. Make sure the computer is turned off. Caution: Plugging or unplugging cables to the computer's PS/2 port while the computer is running can damage the computer.
2. Connect the receiver's cable to the computer's PS/2 port or to the computer's serial port. For a PS/2 connection, remove the serial port adapter.



### 3

#### For PCs without a CD-ROM Drive

If your PC does not have a CD-ROM drive, you can still install the MouseWare<sup>®</sup> software by making a disk copy. Find a PC that has a CD-ROM drive. Then follow these simple instructions:

1. Start Windows<sup>®</sup>, then insert the software CD into the CD-ROM drive.
2. Choose Cancel (in the lower-right corner of the first installation display screen) to interrupt the installation process.
3. For Windows<sup>®</sup> 95, Windows<sup>®</sup> 98, and Windows NT<sup>®</sup> 4.0, click Start on the Taskbar, then Run. On the open line, type D:\Flopmkr.exe. Follow the on-screen instructions.
4. For Windows<sup>®</sup> 3.1, open the File menu, then choose the Run command. Windows displays the Run Dialog Box. In the Command Line text box, type D:\Flopmkr.exe (where D: is the designation of your CD-ROM drive), then click OK. Follow the on-screen instructions.

### 4

#### Install the MouseWare<sup>®</sup> Software

1. Start Windows, then insert the software CD into the CD-ROM drive. The MouseWare Setup should launch automatically. If AutoRun is not enabled on your system, you must select Start from the Windows Taskbar, then Run. Next, type D:\Setup.exe.
2. For Windows<sup>®</sup> 95, Windows<sup>®</sup> 98, and Windows NT<sup>®</sup> 4.0, choose the option to install MouseWare. For Windows 3.1, open the File menu, then choose the Run command. Windows displays the Run Dialog Box. In the Command Line text box, type D:\SETUP (where D: is the designation of your CD-ROM drive), then click OK. The Installation Dialog Box is displayed. Follow the on-screen instructions.

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World Wide Web: <http://www.logitech.com> FTP: <ftp://ftp.logitech.com/pub>

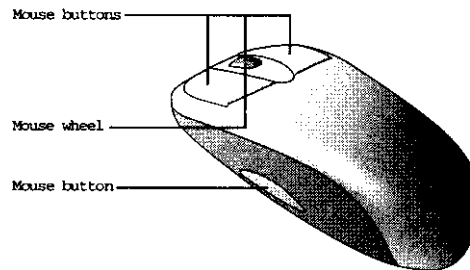
\* Refer to your Registration Card for the most up-to-date addresses and phone numbers.

Note For USA and Canadian customers only: please read the following prior to exchanging or returning your product. To exchange or return your product within the first 30 days, we recommend returning it to the point of purchase. If you return or exchange your product through Logitech, you must first contact Customer Support to obtain a Return Merchandise Authorization (RMA) number. Customer Support will give you an RMA number and a special address for the exchange.

## Using Your Cordless Wheel Mouse

Your cordless mouse has a wheel that functions both as a wheel and as a button.

- ✦ To scroll, simply move the wheel forward or backward.
- ✦ To use the wheel like a standard mouse button, click (press down) the wheel.

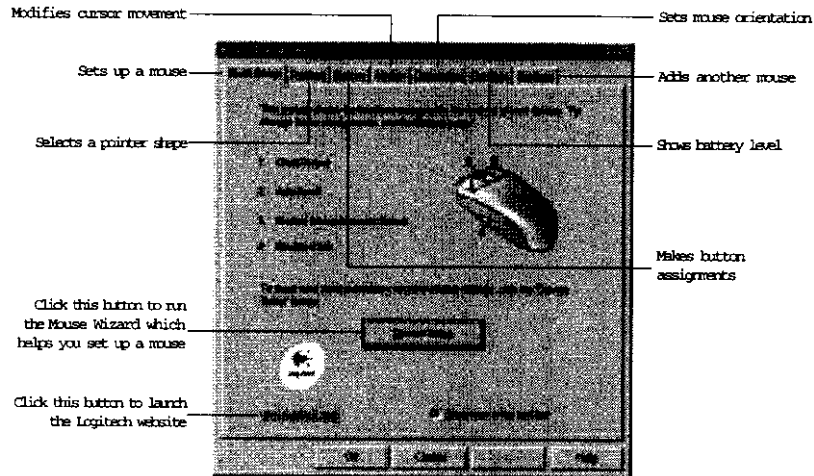


### Scrolling and Zooming with the Cordless Wheel Mouse

Task	What is It?	How to Do It?
Wheel Scroll	Use Wheel Scroll for precise up and down movement.	To scroll up, move the wheel forward; to scroll down, move the wheel back.
Horizontal Scroll	Use Horizontal Scroll in Windows <sup>®</sup> 95, Windows <sup>®</sup> 98, and Windows NT <sup>®</sup> 4.0 to scroll left to right, or right to left, whenever horizontal scroll bars are present in the active window.	When both vertical and horizontally scroll bars are present in a window, press the Ctrl and Shift keys on your keyboard, then move the mouse wheel forward to scroll left; move the mouse wheel backward to scroll right. If no vertical scroll bars are present, simply move the mouse wheel to scroll horizontally.
Zoom	Use Zoom to either magnify or demagnify the view of a document in an application that supports it.	Place the cursor in an application that is Microsoft Office 97 compliant. Press and hold the Ctrl key on the keyboard, then to zoom in, move the wheel forward; to zoom out, move the wheel backwards.

### Using the MouseWare<sup>®</sup> Software in Windows<sup>®</sup> 95/Windows<sup>®</sup> 98/Windows NT<sup>®</sup> 4.0

The MouseWare<sup>®</sup> software includes features for making button assignments, controlling cursor movement, and setting up the cordless wheel mouse. To access the MouseWare software, double-click the mouse icon on the Windows<sup>®</sup> 95/Windows<sup>®</sup> 98/Windows NT<sup>®</sup> 4.0 Taskbar, or start MouseWare from the Control Panel. The Mouse Properties tabs display, as shown on the next page. Choose from the available options to configure the cordless wheel mouse.



### Choosing Options for the Cordless Wheel Mouse

Need help choosing options? Let the Mouse Wizard show you how. To begin, go to the Mouse Properties. To do this, double-click the mouse icon in the Windows Taskbar. Now choose the Quick Setup tab. Click Device Setup, then follow the on-screen instructions.



### To Find Out What is Assigned to Your Mouse Buttons...

By default, the mouse buttons are assigned various useful functions, such as Click/Select, AutoScroll, Context Menu/Alternate Select, Double-Click, etc. Using the Buttons tab of the Mouse Properties, you can change the button settings of your mouse and configure the mouse wheel. (Refer to the figure to the right.)

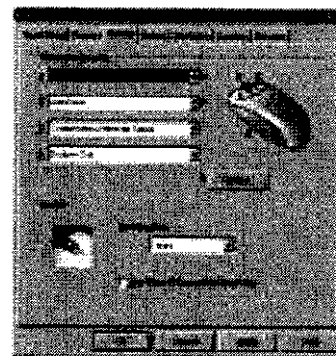
**Note** The setting Context Menu/Alternate Select provides easy-to-use short-cuts to speed up common tasks, such as cut and paste.

To change button assignments, click the down arrow to select a function for a button. (Note that at least one button must be assigned to Click/Select.)

Click the down arrow under Scrolling Size to choose the amount of scrolling. This sets the amount of scrolling in relation to how much you move the scroll wheel.

Click the Options button to specify settings for AutoScroll, CyberJump, HyperJump and double-click timing.

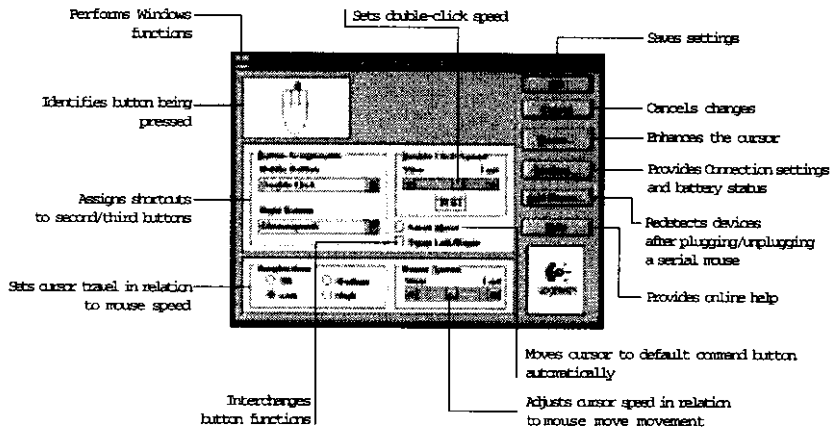
For more information, click the Help button.



### Using the Software in Windows<sup>®</sup> 3.1x

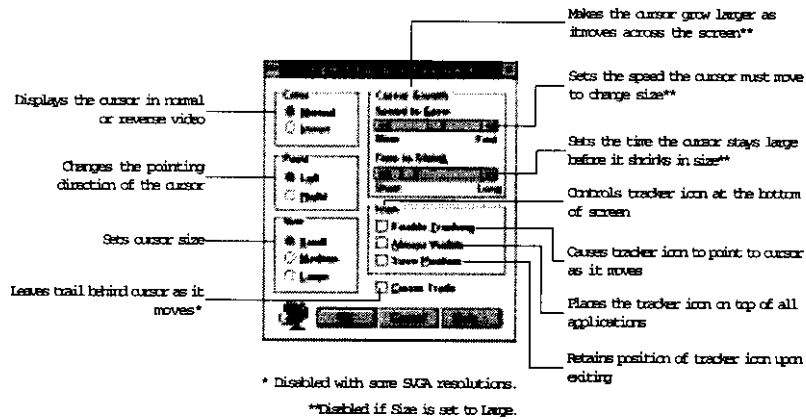
Double-click the MouseWare<sup>®</sup> icon located in the Logitech<sup>®</sup> MouseWare group window (or in the Windows Control Panel). Choose from the available options to configure the wheel mouse. Note that Scroll and Zoom, as well as CyberJump and HyperJump functions, are not supported in Windows 3.1x.

### The MouseWare Control Center in Windows<sup>®</sup> 3.1x



### Cursor Enhancement in Windows<sup>®</sup> 3.1x

Use the Cursor Enhancement dialog box to customize the cursor. To display the dialog box, click the Cursor button in the Mouse Control Center.



### Button Assignments in Windows<sup>®</sup> 3.1x

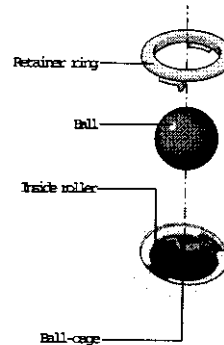
MouseWare allows you to assign functions to three mouse buttons and replaces frequently used tasks, such as Double-Click, DragLock, etc., to a single button click. To override a button assignment temporarily so you can use an application-specific feature, press the Control key while clicking the button to be overridden.



## Cordless Wheel Mouse Maintenance

If the cursor skips or moves abnormally, clean the ball of your cordless wheel mouse.

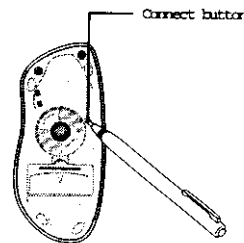
1. Remove the retainer ring. On the bottom of the cordless wheel mouse, twist the retainer ring counter clockwise to remove it.
2. Remove the ball and wipe it with a clean, lint-free cloth, then blow carefully into the ball-cage to dislodge dust and lint. Look for a build-up of dirt on the rubber roller(s) inside the ball-cage.
3. If dirty, clean the roller(s) using a cotton swab moistened lightly with isopropyl (rubbing) alcohol. After cleaning, make sure the roller(s) are still centered in their channels. Make sure that fluff from the swab is not left on the roller(s).
4. Replace the ball and retainer ring.



## Troubleshooting

### The Cordless Wheel Mouse Does Not Work after Installation

- ✦ Make sure you have connected the receiver correctly. The receiver cable goes into the computer's PS/2 mouse port. For optimal performance, place the receiver at least 8 inches or 20 centimeters away from other electrical devices, such as the computer, the computer monitor, or external storage drives.
- ✦ Make sure you have installed the batteries correctly.
- ✦ Establish communication between the receiver and the cordless wheel mouse. Press the Connect button on the receiver, then press the Connect button under the cordless wheel mouse.
- ✦ If you are working on a metallic surface, try using a mouse pad and turning the receiver on its side for better reception.



### The Cordless Wheel Mouse Is Not Detected

- ✦ Make sure the receiver cable is plugged into the PS/2 mouse port. Do not plug or unplug the receiver cable while the computer is running.
- ✦ Make sure the PS/2 mouse port has the proper configuration. Refer to your computer documentation for the correct port configuration.
- ✦ You may have other system devices that conflict with the cordless wheel mouse. Check the IRQ/address settings of these devices for conflicts, and change the settings as required. Refer to your computer documentation to make these changes.
- ✦ To determine whether the problem is cordless wheel mouse or system related, try the cordless wheel mouse on a second system or a different mouse on your current system.

### The Wheel Mouse Does Not Work after Changing the Batteries

Check to make sure the batteries you have installed are not dead. Try the batteries in another device. You may also need to re-establish the connection between the cordless wheel mouse and its receiver. To do this, press the Connect button on the receiver, then press the Connect button on the bottom of the mouse.

### The Screen Cursor Does Not Move Properly on the Screen

Clean the mouse ball and roller(s). See Cordless Wheel Mouse Maintenance for more information. Try changing the position of the receiver. It is possible that the receiver may be too far from the cordless wheel mouse. Or the computer monitor (or a large metal object) may be interfering with the receiver's radio reception. Also, the mouse batteries may be nearly dead. Check the mouse batteries as described in The Cordless Wheel Mouse Does Not Work after Installation and replace the batteries if required. You may also need to re-establish the connection between the cordless wheel mouse and its receiver. To do this, press the Connect button on the receiver, then press the Connect button on the bottom of the mouse.