Radio Wireless Wheel Mouse
User's Guide
MODEL: RFW-29

Trademark Recognition

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MN-RFW25-NC

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.

Federal Communications Commission Requirements

The equipment has been tested and found to comply with the limits for 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 instruction, may cause harmful interference to radio communication. 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 of 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.

The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Introduction

Congratulations on your purchase! Your new RF-Mouse is easy to install and offers you a host of useful features. The Radio receiver can be conveniently placed to give you the freedom you need while working. The vertical wheel allows you to scroll, or zoom in and out in a document. You can program the mouse buttons to launch the NetJump or LuckyJump for a quick start to programs you run frequently. And, your RF-Mouse has a unique ID code, so other RF (Radio Frequency) pointing devices won't affect your system.

Connecting the RF-Mouse Receiver

The RF-Mouse receiver connects to your computer in the same way as a conventional mouse allowing you to place the receiver wherever is convenient on your desktop.

1. Locate the round 6-pin PS/2 mouse port on the back of your computer.
2. Insert the PS/2 connector into the PS/2 port.

Locating the RF-Mouse Receiver

Your RF-Mouse has limitations on the range or distance from the receiver. To make sure that your mouse sends and receives properly, refer to the following:

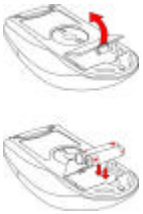
1. For optimal performance, place the receiver at least 8 inches (20 centimeters) away from other electrical devices, such as the computer, the monitor, or external storage drives.
2. The RF-Mouse should be no farther than 3.3 feet (1.0 meter) from the mouse receiver. This will ensure optimal communication between the mouse and receiver.
3. If you are working on a metallic surface, try using a mouse pad and turning the receiver face down for better reception.
4. Switch frequency channels to prevent interference from other RF pointing devices. (See the following section for more information.)

Selecting the Frequency Channel

The RF-Mouse operates on two frequency channels. To prevent interference when using two RF Mice in close proximity a different frequency channel should be used for each mouse. Refer to the following to change the frequency channel for your mouse:

1. Set the frequency channel on the receiver to **1** or **2.**
2. Remove the battery cover from the mouse (see the following *Inserting the Batteries* section).
3. Set the frequency channel on the mouse to **1** or **2.** (The frequency channel for mouse and receiver must be the same.)

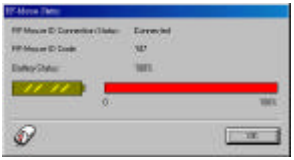
Inserting the Batteries



The RF-Mouse uses two AAA batteries. For best performance, use only alkaline batteries. Refer to the following to insert the batteries:

1. Press the tab on the bottom of the mouse cover as shown here and remove the cover.
2. Insert the two AAA batteries. (The correct polarity is indicated on the battery compartment casing.)
3. Replace the cover.

Checking the Batteries power



To check the battery power, right-click the mouse icon in the Taskbar. Choose the "Check RF-Mouse Status" option to display the RF-Mouse Status window. The current battery percentage charge is shown.

Installing the Mouse Software

Before you can take advantage of the many features your mouse offers, you must install the driver. The driver is on the installation diskette that came packaged with your mouse.

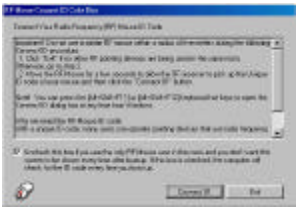
Windows 95/98/2000/NT4.0/Me installation

1. Connect the mouse to your computer.
2. Insert the installation diskette into your floppy disk drive.
3. Click the **Start** button and then click **Run**.
4. In the **Run** dialog window, type **A:\setup**, where "A" is the letter of your floppy disk drive.
5. Click **OK** and follow the instructions on your screen to complete the installation.

The RF-Mouse ID code

Each RF-Mouse is assigned a unique ID code at manufacture, so the receiver only picks up the signal from your mouse and prevents other RF-Mouse radio signals from operating on your computer. This feature can also be disabled, allowing other RF-pointing devices to operate your computer.

Connecting the RF-Mouse ID Code



When the driver installation is finished your computer reboots and the RF-Mouse window (shown on the right) appears.

CONNECT ID: Move the RF-Mouse for a few seconds to establish a connection, then click **Connect ID**. The unique ID code of your mouse is recognized and another RF pointing device will not function on your computer.

Exit: Click **Exit** if no other RF pointing devices are within 3 meters range or if you want other RF pointing devices to be able to access your computer.

Changing the RF-Mouse ID Code

You can use a new RF-Mouse on your computer without changing the Radio receiver; you just need to change the ID code. Refer to the following:

1. Press [Shift + Alt + F11] or [Shift + Alt + F12] to call up the RF-Mouse ID Code window.
2. Move the RF-Mouse for a few seconds to establish a connection, then click **Connect ID**.
3. The new ID code is Connected and the RF-Mouse window closes.

4. Click Exit to close the RF-Mouse ID code window.

Identifying Components

The mouse is designed to fit snugly into your hand. The scroll wheel is positioned on the top allowing for easy operation with the index finger. Standard mouse buttons are positioned to either side of the scroll wheels and can be reached comfortably with the index and ring fingers. A third button is placed under the vertical wheel and can be easily clicked by pushing down on the wheel.

The following pages will tell you how to configure the scroll wheels and buttons to suit your specific needs.

Cleaning the Mouse

Clean the mouse regularly to ensure efficient operation. Refer to the following:

1. Rotate the housing cover counterclockwise until it unlocks and remove it.
2. Remove the tracking ball.
3. Wash the tracking ball with warm water and soap then allow it to dry.
4. Use a cotton swab and alcohol to clean the tracking rollers in the housing.
5. Replace the tracking ball and the housing cover.
6. Rotate the housing cover clockwise until it locks in place.

iWHEELWORKS DOES THE HEAVY WORK!

With iWheelWorks driver/software installed, your Mouse is transformed into much more than just a pointing device. See how easy scrolling through long documents or panning in drawing applications becomes when using the scroll wheels. Office users should love this feature–use the vertical wheel to scroll through your document then just press the [Ctrl] key and use the same wheel to zoom in for a close look. It even works in print preview! The third button can be programmed to launch NetJump or LuckyJump–two customizable toolbars that open all those useful programs that you need so often with just one click. And, in easy-to-follow steps, create your own Command Menu and with one click put all your favorite programs right under the cursor!The following table provides an overview of the mouse functions.

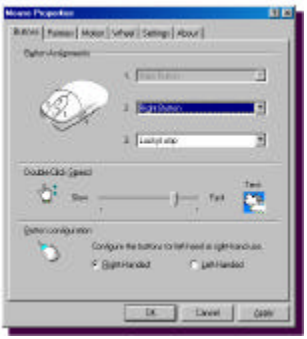
Function	Description	Here's how to do it
Vertical Scroll	Lets you scroll up or down in the current application window.	To scroll up, move the vertical wheel forward; to scroll down, move the wheel back. See *Wheel Tab* on page 7 for more information.
Horizontal Scroll	Lets you scroll to the left or right in the current application window.	To scroll left, move the horizontal wheel forward; to scroll right, move the wheel back. See *Wheel Tab* on page 7 for more information.
AutoScroll	Use AutoScroll in Office 97-compatible applications to scroll through large documents.	Activate AutoScroll from LuckyJump or NetJump. The AutoScroll icon appears over the vertical scrollbar. Move the mouse in the direction you want to scroll. The farther you move the AutoScroll icon from the starting point, the faster the scrolling. To stop AutoScroll, press any mouse button.
Zoom	Lets you zoom in or out when using applications that support zoom function.	In the **Mouse Properties** window select the **Wheel** tab and check the "Wheel Zoom for Office 97/2000" option (if you don't check this option you can hold the **[Ctrl]** key while zooming with either scroll wheel). Then use the horizontal wheel to zoom in and out. See *Wheel Tab* on page 7 for more information.
LuckyJump	With one click you can choose from a range of commonly used commands to launch.	In the **Mouse Properties** window select the **Buttons** tab and then assign LuckyJump in the drop-down menu for the desired button. See *Settings Tab* and *Executing LuckyJump Commands* on page 7 and *Take Your mouse on a Test Run* on page 10 for more information.
NetJump	Lets you choose from commands commonly used for Web browsing.	In the **Mouse Properties** window select the **Buttons** tab and then assign NetJump in the drop-down menu for the desired button. See *Settings Tab* and *Executing NetJump Commands* on page 7 and *Take Your mouse on a Test Run* on page 10 for more information.
Command Menu	Create your own Command Menu for launching all your favorite programs.	In the **Mouse Properties** window select the **Settings** tab and then click **New/Update.** Follow the instructions on your screen. See *Creating Your Own Command Menu* on page 8 for more information.

MOUSE PROPERTIES SETTINGS

From the **Mouse Properties** window you can customize many settings for your mouse including button assignments, scroll wheels and cursor movement. To open the **Mouse Properties** window double-click on the mouse icon in the system tray. The **Mouse Properties** window has six tabs that are described below.

System Tray

Buttons Tab



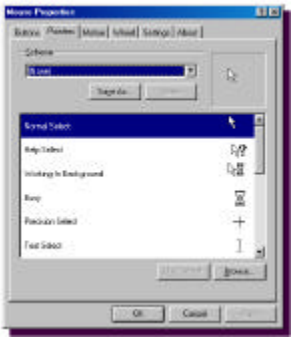
Button Assignments: Click the down arrow to select the preferred function for each button. (See the *Settings Tab* for more information.)

Double Click Speed: Increase the speed for executing a double-click.

Button Configuration: Configure your mouse for left- or right-hand use. The default setting for buttons 1 and 2 will be reversed.

➢ *Note!* The particular mouse you purchased may differ somewhat from the illustration shown in the **Buttons** tab. The third button on some models is positioned under the vertical scroll wheel instead of at the side as shown here.

Pointers Tab



The Pointers tab lets you change the way the cursor appears. Click the down arrow under **Scheme** and choose the setting you want. The available pointers for each scheme are shown in the pane below. You can browse to additional pointers, then create your own scheme using the **Save As** button.

Motion Tab

Pointer Speed: Lets you adjust how fast the cursor moves on the screen.

SnapTo Button: Check this box to automatically have the cursor move to the default button in each new dialog box or window.

Sonar: When this box is checked, pressing and releasing the **[Ctrl]** key will highlight the cursor.

Trails: Check this box when you want your cursor to display pointer trails. This option is useful when using an LCD display that can make the cursor difficult to see.

Wheel Tab

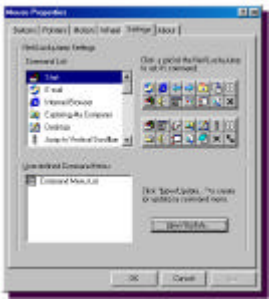
Wheel Mode: Select the *Enhanced Dual Wheel 4D Wheel function mode* radio button to enable both vertical and horizontal wheels. When the *MS-IntelliMouse Compatible mode* radio button is selected only the vertical wheel will function.

Swap Vertical and Horizontal Wheel: Check this box to swap the functions of the Horizontal and Vertical Wheels.

Vertical Wheel/Horizontal Wheel: Check the *Reverse scrolling direction* box to change the scrolling direction when you turn the scroll wheel. Select the *Scroll* or *Scroll one "page" per scroll unit* radio button to set the scrolling speed to suit your work habits.

Wheel Zoom for Office 97/2000: Check this box to use the horizontal wheel to zoom in and out when using applications that support this function. You can still use the wheel to scroll horizontally by positioning the cursor over the horizontal scroll bar. When this option is unchecked, you must press the **[Ctrl]** key while turning the horizontal wheel to use the zoom function.

Settings Tab



Command List: Shows all the available commands (including User-defined Command Menus) that you can assign to either the NetJump or LuckyJump grids.

NetJump (top grid): The NetJump grid groups commonly used Web-browsing commands. To change a command, select a new one from the **Command List** and click on the icon in the grid that you want to change.

LuckyJump (bottom grid): The LuckyJump grid groups all-purpose commands. To change a command, select a new one from the **Command List** and click on the icon in the grid that you want to change.

User-defined Command Menu: Here you can create your own command menu to suit your specific needs. Click on **New/Update..**and follow the onscreen instructions.

Apply Net/LuckyJump or the User-defined Command Menu you define here from the **Buttons** tab.

Executing NetJump Commands

NetJump combines commonly used tasks for Web browsing into one convenient grid and puts them right under the cursor. To use NetJump, open the **Mouse Properties** window and select the **Buttons** tab. Assign NetJump in the drop-down menu of the button you want. Click **OK** to close the **Mouse Properties** window. Now click the assigned button to open the NetJump grid and execute your command. (See the *Settings Tab* section above for instructions on customizing NetJump.)

Executing LuckyJump Commands

LuckyJump combines commonly used tasks for Windows environments into one convenient grid and puts them right under the cursor. To use LuckyJump, open the **Mouse Properties** window and select the **Buttons** tab. Assign LuckyJump in the drop-down menu of the button you want. Click **OK** to close the **Mouse Properties** window. Now click the assigned button to open the LuckyJump grid and execute your command. (See the *Settings Tab* section above for instructions on customizing LuckyJump.)

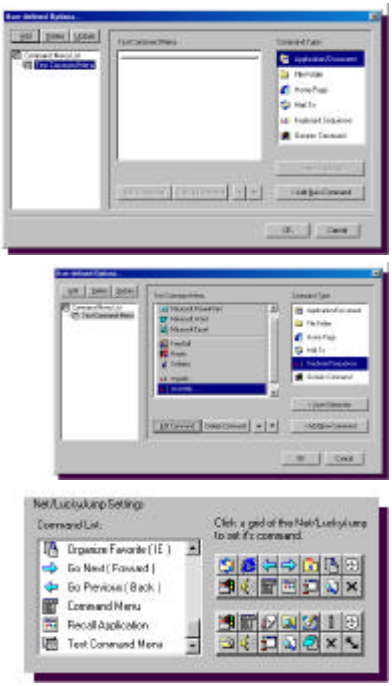
THE USER-DEFINED COMMAND MENU

Along with the LuckyJump and NetJump menus you can also create Command Menus to suit your specific work habits. You may want to create a specific command menu for a particular application and then assign it each time you work in that application.

Creating a Command Menu

Follow these instructions to create a new Command Menu:

1. Double-click the mouse icon in the system tray. In the **Mouse Properties** window select the **Settings** tab.
2. Click **New/Update…**to open the **User-defined Options** window.
3. Click **Add**. The **Add Menu** window appears.
4. Enter a name (e.g., *Test Command Menu*) for the new Command Menu. Click **Select Icon** to choose a new icon or click **OK** to accept the default icon. The User-defined Options window appears with the new Test Command Menu shown.
5. The **Command Type:** pane lets you change the kind of command to add. With the default **Application/Document** selected, click **<Add New Command.** (See *Choosing Commands from the Command Type Menu* on page 8 for more information.)
6. In the **Application/Document** window, type the path or browse to the application you want to add and click **OK**. The command will be added to the *Test Command Menu* pane.
7. Repeat steps 6 and 7 to add more commands. (Click **Insert Separator** to group command families as shown below. Select commands or separators you don't need and click **Delete Command** to remove them.)
8. Click **OK** when you are finished. You are returned to the **Settings** tab. Your new Test Command Menu is listed at the bottom of the **Net/LuckyJump Settings *Command List***.
9. Add the Test Command Menu to the Net/LuckyJump grid or go to the **Buttons** tab and assign it directly to the mouse button you prefer.

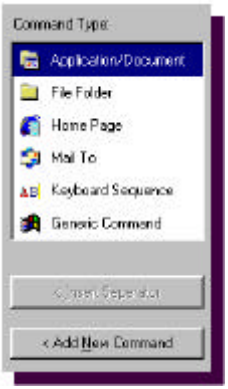


Choosing Commands from the Command Type Menu

The Command Type menu lets you choose different types of commands to add when creating a new Command menu. To add a command from the Command Type menu, select the type of command, click **<Add New Command** and follow the instructions on your screen**.** The type of commands and a brief description of how to add a new command are described below.

Command Type	Description
Application/ Document	This field lets you add your favorite programs to run or open a document or file that you specify. Enter the path or browse to the application/document that you want to open.
File Folder	This field opens the folder you specify in Windows Explorer. Enter the path or browse to the folder you want to open.
Home Page	The Home Page command takes you to the URL address you specify. Enter the URL address of the Web site you want to visit. (Requires an online connection.)
Mail To	Send e-mail from your default e-mail program to the specified e-mail address. Enter the e-mail address that you wish to mail to. (Requires an online connection.)
Keyboard Sequence	Assign text and keyboard shortcuts for one-click playback in all programs. Refer to *The Keyboard Sequence Command* below for detailed instructions on this command.
Generic Command	Choose from a list of commonly used commands, such as ***Print***, ***Save***, or ***Open***.

Command Type Menu

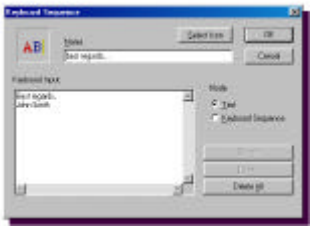


The Keyboard Sequence Command

This function lets you add Text commands and Shortcut commands to your Test Command Menu. Use Text commands to enter commonly used phrases in all your text editing applications. Shortcut commands can be used in all applications just as you use conventional keyboard shortcuts.

Adding a Keyboard Sequence Text Command

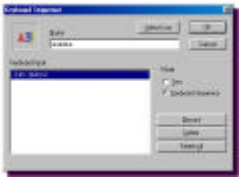
The Keyboard Sequence command is very useful when working in text editing applications or when sending e-mail. You can assign any number of commonly used phrases and then just enter them with one click into your document. Refer to the following to add a Keyboard Sequence Text command.



1. Double-click the mouse icon in the system tray. In the **Mouse Properties** window select the **Settings** tab.
2. Click **New/Update..**to open the **User-defined Options** window.
3. Select **Keyboard Sequence** in the Command Type pane and click **<Add New Command.**
4. In the **Keyboard Sequence** window type a name for the command. Under Mode, select the **Text** radio button and then type in your message.
5. Click **OK** when you are finished.
6. Repeat steps 3 to 5 to add more Text commands to your Test Command Menu.
7. When you have finished adding commands, close the **User-defined Options** window and the **Mouse Properties** window.
8. Open a text editor or e-mail messenger and place the cursor where you want the message added. Select the Keyboard Sequence Text command from your Test Command Menu.
9. Your message is added to your document.

Adding a Keyboard Sequence Shortcut Command

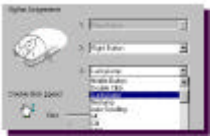
In Office applications many users are accustomed to using keyboard commands such as the *copy* command, [Ctrl] + [C] or the *paste* command [Ctrl] + [V] directly from the keyboard. However, to spare you from having to remember all these keyboard shortcuts you can add them to your Test Command Menu. Refer to the following to add a Keyboard Sequence command.



1. Double-click the mouse icon in the system tray. In the **Mouse Properties** window select the **Settings** tab.
2. Click **New/Update..**to open the **User-defined Options** window.
3. Select **Keyboard Sequence** in the Command Type pane and click **<Add New Command.**
4. In the **Keyboard Sequence** window type a name for the command. Click **Record** and then type in the keyboard sequence. To apply the "Underline" command as shown below, type: [Ctrl] + [Shift] + [W].
5. Click **Stop** when you are finished and then click **OK**.
6. Repeat steps 3 to 5 to add more Keyboard Sequence commands to your Test Command Menu.
7. When you have finished adding commands, close the **User-defined Options** window and the **Mouse Properties** window.
8. Open your Office application and select some text. Select the Underline Keyboard Sequence command from your Test Command Menu.
9. The text you selected is now underlined.

TAKE YOUR MOUSE ON A TEST RUN

For this "Test Run" the LuckyJump grid will be customized to demonstrate how much easier working with the mouse can be. Refer to the following to customize either the LuckyJump or NetJump grid:



1. Double-click the mouse icon in the system tray. In the **Mouse Properties** window select the **Settings** tab.
2. You will see the default settings for LuckyJump. Scroll to **Help** in the **Command List** and select it.
3. Move the cursor to the LuckyJump grid and click the bottom-left **Documents** item. Notice the cursor changes to a "Pointing finger" and the **Documents** icon is replaced with the **Help** icon.
4. Now scroll to the end of the **Command List** and assign the **Test Command Menu** to the LuckyJump grid in the same way. (See *Creating Your Own Command Menu* on page 8 if you have not already created a Test Command Menu.)
5. Continue customizing the LuckyJump menu by assigning commands from the **Command List** to the LuckyJump grid.
6. After you have added all the commands you want, click on the **Buttons** tab and assign LuckyJump to the button you want. (In most cases you will assign LuckyJump to the third button. Most users prefer to leave the default *Context Sensitive Help* setting on the second button.)
7. Click **OK** to close the **Mouse Properties** window.
8. Now, just press the mouse button assigned to LuckyJump and the LuckyJump grid opens right under the mouse cursor. (Move the mouse over each item in the grid for a description.)

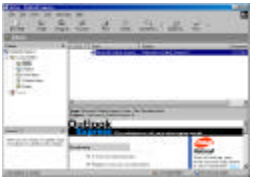
Some of the commands in LuckyJump are described in more detail below.

Volume Control

Choose Volume Control from the LuckyJump grid. The volume control screen appears.

Click on the slide bars or use the scroll wheels to set the balance and level for each control. This is a convenient way to adjust the volume no matter what application you are working in.

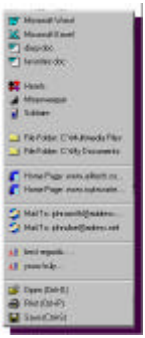
E-mail



Choose E-mail from the LuckyJump grid. Microsoft Outlook Express opens ready for you to send or receive e-mail.

Or if you prefer to send e-mail from your default Web browser, then assign a shortcut in LuckyJump for instant online access.

Test Command Menu



Choose Test Command Menu from the LuckyJump grid. The Command Menu list that you previously learned to create appears (see *Creating Your Own Command Menu* on page 8).

Now you're just one click away from all your Office applications, games, and keyboard shortcuts.

➢ *Tip!* If you use these applications very often you can bring them all one click closer by assigning your Test Command Menu directly to the mouse button. See *Buttons Tab* on page 6.

Help is always at Hand

Choose Help from the LuckyJump grid. No matter what application you are working in, the Help file associated with that application opens.