

User's Guide

Version 1.7

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RemotePoint RF is protected by the following U.S. and Foreign patents: 4,489,302, 4,314,277, 4,739,299, 4,810,992, 4,314,228, 5,292,837, 5,302,936, LU-88-033, FR-2683649, LU-88-024 and one or more of the following International Patent Applications: DE-4236187A1, EP-91-120226.5. Other U.S. and International patents pending.

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1

Introduction

About RemotePoint RF The RemotePoint RF is a cordless, handheld pointing device which features a pressure sensitive mouse button and four programmable function buttons. It is the ideal solution for presentations, training, and interactive multimedia. Use the large mouse button for natural 360-degree navigation, then click the convenient trigger button to take action.

VersaPoint Pressure Pointing Technology gives total cursor control through the touch of your thumb. The RemotePoint RF may also be used concurrently with another mouse, so you have the best pointing solution immediately available to you.

About RemotePoint RF Software The RemotePoint RF software is a complete multimedia and presentation tools package. It includes over two dozen tools with hundreds of configurations for enhancing Windows-based presentations, making your multimedia desktop easier to navigate.

RemotePoint RF software for Windows 95 and 98 includes:

- RemotePoint RF driver (needed for tools software)
- Presentation tools

Included in the Box

The RemotePoint RF includes:

- Transmitter (or Remote unit)
- Receiver
- 1 - CD ROM containing this User's Guide and RemotePointRF software
- 6" PS/2-to-USB adapter
- Quick Start Guide
- 2 - AA batteries
- Registration and Survey card

2 Installation

- System Requirements**
- IBM compatible PC running Windows 95 or 98
 - Available PS/2 or USB port
 - 5MB of available hard disk space

- Installing Batteries in the RemotePoint RF Transmitter**
1. Remove the battery cover on the underside of the Remote RF transmitter.
 2. Insert the 2 AA batteries in the compartment. Ensure that the batteries are in the correct orientation as indicated by the positive (+) and negative (-) markings.
 3. Replace the battery cover.

Installing RemotePoint RF The following instructions assume you have a CD ROM drive. If not, please call Product Support at 1-800-340-1331 for copies on disk.

Installing on USB *Note:* If your computer system has a Windows 95 operating system, it is recommended you use the PS/2 interface as Windows 95 may not support a USB mouse.

1. Using the 6" PS/2 to USB adapter, connect the receiver to the available USB port on your computer system.
2. Shortly after, the Windows desktop displays, "Add New Hardware Wizard".
3. Click **Next**.
4. Select "Search for the best driver for your device (Recommended)". Click **Next**.
5. Select "Specify Location" and make sure that the path specified is C:\WINDOWS\OPTIONS\CABS. Click **Next**.
6. Windows will search for the appropriate driver. Click **Next**. At this time, the USB mouse driver is enabled.
7. Insert the CD ROM and follow instructions or double-click Setup.exe from the CD ROM drive.

8. The Tools setup will give you a number of additional installation choices. For fast installation, click the **Next** button on these screens.

Note: If you already have a USB mouse driver enabled on your system, you may not see the dialog boxes described in steps 2 to 6.

- Installing on PS/2**
1. Insert the CD ROM and follow instructions or double-click Setup.exe from the CD ROM drive.
 2. The Tools setup will give you a number of additional installation choices. For fast installation, click the **Next** button on these screens.

Note: At these screens, choose **OK**



3. After the RemotePoint RF software is installed, close all the programs which are running and then shut down the Windows operating system.
4. Turn off power to your computer.
5. Connect the cable from the RemotePoint RF receiver to the available PS/2 mouse port on your computer.
6. Turn your computer on and after your system has rebooted, the RemotePoint RF icon will appear in the tray of the Windows Taskbar at the lower right corner of the screen. This indicates that the RemotePoint RF software has been loaded successfully, and the application is now available for remote presentations.

Note: The RemotePoint RF is a Microsoft compatible mouse. It is not necessary to load the RemotePoint RF driver to operate in the “Mouse Mode”. You can use the standard Windows PS/2 drivers. However, not all computers are the same. Some computers (notebooks), have PS/2 ports configured so you can simply plug the receiver in, power up the computer and RemotePoint RF works. Other computers may require you to change one or more configuration items. Please consult your computer’s user guide to determine if your computer is capable of simultaneous mousing or automatic detection of an external mouse.

Modes of Operation

The RemotePoint RF can be operated in either “**Mouse-only**” mode or full-featured “**Presentation Remote**” mode. To operate in mouse-only mode, the RemotePoint RF software does not need to be loaded or the program running. To operate in Presentation Remote mode, the RemotePoint RF software must be loaded and running.

Operating in Mouse-Only Mode

To operate in “**Mouse-only**” mode:

1. Using your thumb, press anywhere on the edge of the pad to navigate the cursor around the screen.
2. Use the *primary* button (known as the “Click Trigger”, located under the Remote unit) as a left mouse button.
3. Use the *secondary* button (button with a left arrow on it) as a right mouse button.

Starting the RemotePoint RF Program

Before using the RemotePoint RF to give a presentation or to customize the buttons on the transmitter to suit your own needs (described in Chapter 4, “Customizing RemotePoint RF”), you must first start the RemotePoint RF software program. To do this, use these steps:

1. Using your thumb, press on the edge of the mouse button to position the screen cursor over the RemotePoint RF icon in the Windows Tray (at the lower right corner of the screen).
2. Double-click the primary button on the bottom of the Remote unit. The Remote Control Panel displays on the screen to indicate that the program is running.

Note: The above assumes that you have an RF icon in the Windows tray bar. If not, you can start the RF program by clicking on the **Start** menu, then **Programs**, then **RemotePoint RF**.

Operating in Presentation Mode

To operate in full-feature “**Presentation Remote**” mode:

1. Start the RemotePoint RF program as described in **Starting the RemotePoint RF Program**, above. When ready, the RemotePoint RF Control Panel displays on the screen to indicate the current button assignments and default profile (either Presentation, General, Multimedia, or your custom choice).
2. Press the appropriate Remote unit buttons 1, 2, 3, or 4 to select the required tool during the presentation. As soon as you press one of these buttons, the Remote Control Panel immediately minimizes to the Taskbar.

Clearing a Presentation Tool from the Screen

You can clear any presentation tool showing on the screen (e.g. spotlight, clock, etc.) by simply pressing the activated tool button a second time or by clicking the right mouse button. The Remote unit then reverts to the mouse-only mode. (Note that if the Toolbar is the selected tool, it can only be cleared from the screen by [i] pointing to the “close” icon on the Toolbar and then clicking the primary button, or [ii] selecting another tool button on the Remote unit.)

Operating Distances The Remote unit (or transmitter) is designed to operate at distances up to 100 feet from the receiver unit. However, this distance may vary, depending on the structural environment where the device is operated. If there is local RF interference from another source, the unit's capabilities may be seriously reduced. In this case, you can switch the RemotePoint RF transmitter and receiver to a different address, as explained in **Receiver and Transmitter Address Selection**, below.

Low batteries in the Remote unit may also reduce the effective operating distance. Always ensure that you have replacement batteries available.

Receiver and Transmitter Address Selection Four switches on the back of the receiver unit allow you to change the addressing of the RemotePoint RF. This may be necessary under the following conditions:

- Structural or local interference prevents the unit from operating effectively
- Other users in the vicinity are also using RemotePoint RF for presentations, causing operating conflicts on your system.

Note: RemotePoint RF is delivered to you with the receiver unit set to Address 1. If changed, the new address must also be set into the transmitter.

There are up to 8 possible addresses to select from. To change the RemotePoint RF **receiver unit** address:

Use a small pointed tool (such as a pencil) to set the switches at the back of the Receiver unit to the required address, as shown in the photograph and the following table:



SWITCH	1	2	3	4
Address 1	OFF	OFF	OFF	OFF
Address 2	ON	OFF	OFF	OFF
Address 3	OFF	ON	OFF	OFF
Address 4	ON	ON	OFF	OFF
Address 5	OFF	OFF	ON	OFF
Address 6	ON	OFF	ON	OFF
Address 7	OFF	ON	ON	OFF
Address 8	ON	ON	ON	OFF

- Switch in up position = ON
- Switch in down position = OFF.

To change the RemotePoint RF **transmitter** address for Addresses 1 thru 4:

1. On the Remote unit, hold down the back button (<) and forward button (>) for 10 seconds until the backlights blink. Release the buttons (the backlights will continue to blink).
2. Press the button corresponding to the address set into the Receiver. For example: Press button 2 for Address 2. Test the RemotePoint RF to ensure that the unit is operating correctly, without interference.

To change the RemotePoint RF **transmitter** address for Addresses 5 thru 8:

1. On the Remote unit, hold down the back button (<) and forward button (>) for 10 seconds until the backlights blink. Release the buttons (the backlights will continue to blink).
2. Press and release the laser button on the remote transmitter unit.
3. Press the numbered button corresponding to the address desired as outlined below.

Press button number:	1	2	3	4
To set address number:	5	6	7	8

Note: The transmitter automatically resets to Address 1 whenever the batteries are removed. After replacing or re-installing batteries, you must reset the address on the transmitter to match that of the receiver as outlined above in order for the RemotePoint RF to operate.

Transporting RemotePoint RF

When transporting the Remote unit, always remove the batteries from the unit. Although the Remote unit automatically goes into a low power “sleep” mode after a period of non-operational use, it is recommended that the batteries are removed to avoid battery drain caused by accidental button activation during transportation.

Note: For important information, please refer to the note given at the end of the paragraph: **Receiver and Transmitter Address Selection**, above.

3 Basic Features

After you have installed the software, the RemotePoint RF is ready to use. This chapter describes how the RemotePoint RF works when you take it out of the box. To learn more about how to customize RemotePoint RF for your own use, please see Chapter 4, “Customizing RemotePoint RF”.

Command Buttons

The RemotePoint RF software includes stored configurations (called **profiles**) for presentations, multimedia, and general use. When you first receive the RemotePoint RF, the four command buttons on the Remote unit are preprogrammed for the “**Presentation Remote**” mode of operation. The button assignments for this mode are described in the following paragraphs.

If you wish to load different profiles, change button assignments, or alter the way the buttons operate to suit your own requirements, please see Chapter 4, “Customizing RemotePoint RF” which describes how you can customize individual buttons and change their settings.

Button 1 Toolbar

Activates a set of tools in a tool bar displayed on the screen. The following tools come as standard in the tool bar: Tickertape, Spotlight, and Checkmark.



Using the mouse button, point to the required tool on the Tool bar – either the Tickertape icon, Spotlight icon, or the Checkmark icon. Click the primary button to activate the tool.

- If either the Spotlight or Checkmark tool is activated, the appropriate object appears on the screen. Press your thumb on the edge of the mouse button to move the object around the screen. You can also “stamp” copies of the Checkmark at a number of different locations on the screen by simply clicking the *primary* button at each location.

Button 2 Reveal The Reveal tool covers the screen with a solid color. The objects on the screen can then be gradually revealed by pressing your thumb on the bottom edge of the mouse button.

Button 3 Zoom Activates the Zoom tool which allows you to magnify a portion of the screen.

- Pressing this button changes the cursor to a magnifying glass
- Primary-click to zoom in. When the screen enlarges, press the edge of the mouse button to bring objects on the screen into view
- Primary-click again to restore the screen to its normal size and position.

Note: The default setting is Auto Zoom.

Button 4 Keystr Sends an <Esc> keystroke which will close a PowerPoint presentation (open on the screen).

Right-Click, or Back Button This is known as the *secondary* button throughout this guide. In mouse-only mode, pressing this button activates the functions performed by the **right-click** button on a standard mouse, or...

if a PowerPoint presentation is open on the screen, pressing this button automatically selects the previous slide in the PowerPoint presentation, if the global settings have been activated.

Note: Whenever PowerPoint is open on the screen, this button always reverts from a right-click (mouse mode) function to a PowerPoint back button.

Pressing this button selects the next slide in a PowerPoint presentation.

Forward Button Pressing this button selects the **next** slide in a PowerPoint presentation.

ClickTrigger™ This is known as the *primary* button throughout this guide. It is located on the bottom of the Remote unit. In mouse-only mode, clicking the trigger activates the functions performed by the **left-click** button on a standard mouse or....

if a PowerPoint presentation is open on the screen, clicking the trigger automatically selects the **next** slide in the PowerPoint presentation.

Note: Whenever PowerPoint is open on the screen, this button always reverts from a left-click (mouse mode) function to a PowerPoint forward button. For convenience, you can choose to use **either** the ClickTrigger or the Forward Button (described above) to advance to the next slide.

Laser Button Activates a laser which emits a red laser beam from the front of the Remote unit. It is typically used as a pointer during presentations. The laser beam emits for the duration that you press the button, up to a maximum of 60 seconds. The range of the beam is in excess of 100 feet from the Remote unit.



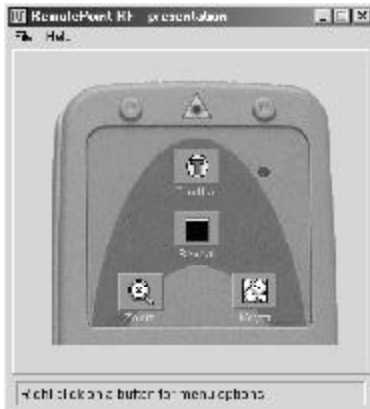
4 Customizing RemotePoint RF

With the Control Panel, you can customize the RemotePoint RF for your own needs. You can...

- Assign tools to buttons
- Change the properties of the tool assigned to a button (i.e. change the effects produced by the tool)
- Choose tools from preset profiles (General, Presentation, or Multimedia)
- Create and save your own profiles
- Customize how RemotePoint RF operates.

To Start the RemotePoint RF Program

1. Point to, and double-click the RemotePoint RF icon in the Windows Tray, at the lower right corner of your screen.
2. The RemotePoint RF Control Panel image opens on the screen and displays the current profile and assignments for each programmable button.



To Change All Buttons to a Preset Profile

The RemotePoint RF's four programmable **buttons can all be reset** to any of the three preset profiles¹, (or to one of the customized profiles you have created and saved). The preset profiles and their button assignments are:

- **Presentation (default²)**

1. Tool Bar	2. Reveal
3. Zoom	4. <Esc>
- **General**

1. Keyboard	2. Save
3. Print	4. Quit
- **Multimedia**

1. Play/Pause	2. Stop
3. Volume Up	4. Volume Down

To change to a different preset profile:

1. Open the RemotePoint RF Control Panel.
2. Click the File menu.
3. Click Open.
4. Select the preset profile from the file list.
5. Click Open.

Note: The three preset profiles and button assignments shown above are initially loaded when the RemotePoint RF software is installed. If you later make customized changes to any of these profiles, the changes will then become the current assignments for the profile you altered.

¹ *Preset* profiles are named: Presentation, General, and Multimedia. These specify the tools which have been assigned to the buttons by the factory.

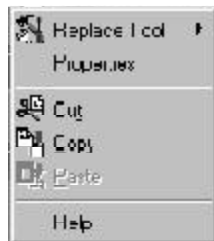
² *Presentation* is the default profile which is activated when you receive the RemotePoint RF, and take it out of the box.

To Change Individual Button Assignments

You can change the tool assigned to any individual button (for example, from a Zoom tool to a Clock).

To change a tool assignment:

1. Open the RemotePoint RF Control Panel.
2. Point to, and secondary click the button icon you wish to change. The following drop-down menu appears:
3. Select Replace Tool.
4. From the sub-menu, select a preset profile.



5. From the next sub-menu, select the specific tool you require and then primary click.



To Change Individual Button Properties

You can adjust the **properties** of the tool assigned to a button. Properties determines how the tool functions. For example, the Clock tool can be changed from a digital clock to a countdown clock. Most tools have a number of properties (or options) which you can change to suit your needs.

To change a tool property:

1. Open the RemotePoint RF Control Panel.
2. Point to the button icon you wish to change, and click the secondary button on the Remote unit. The following drop-down menu appears:



3. Select **Properties**.
4. Primary or secondary click **Properties** to display the Properties dialog for the tool you have selected.

Each Properties dialog has a different variety of options which you can choose to change the effect produced by the tool. Below is an example of the Toolbar Properties dialog. Here, you can...

- Assign more tools to the toolbar
- Create a separate group of tools by creating tab folders for each group
- Assign individual names or titles to the tabs

Specify where the toolbar will display on the screen (e.g. at the cursor, at the top right, etc.).



5. After making your changes to the tool properties, click **OK** to apply the changes, or **Cancel**.

Moving Button Assignments

You can quickly re-assign a tool from one button to another, using either the ‘drag-and-drop’ method or standard windows tools (Cut and Paste) which are available in the button assignment drop-down menu.

Using ‘drag-and-drop’:

1. Open the RemotePoint RF Control Panel.
2. Point to the button tool you wish to re-assign (to another button). Click and hold the primary button; drag the tool icon to the new button location in the Control Panel.

3. Release the primary button. The tool assigned to that button will be replaced with the new one, and the tool icon at the original button location will disappear.

Using Copy and Paste commands:

1. Open the RemotePoint RF Control Panel.
2. Point to the button tool you wish to re-assign (to another button). Secondary click to display the drop-down menu.
3. Select **Cut**. The tool for this button will disappear, leaving the button blank.
4. Point to the new button location in the Control Panel and secondary click to display the drop-down menu.
5. Select **Paste**. The tool assigned to that button will be replaced.

Note: You may now want to assign a new tool to the original button (which is now blank). In this case, use the procedure: **To change individual button assignments**, above.

Description of Tools

These are the functions of the various tools which you can assign to buttons on the Remote unit. They are categorized by functions – either General, Presentation, and Multimedia.

General Profile Tools

Center Cursor





Function
Moves the cursor to the center of the active window.


Wheel



Function
Allows you to use the mouse button to control the scrollbar in the active window. To cancel this tool, click the secondary button.

Tool	Icon	Function
<i>Keyboard</i>		<p>Displays a keyboard on the screen. You use this tool to enter information to a data field that you have selected in a Windows application running on the desktop (such as Microsoft Excel, PowerPoint, etc.).</p> <ul style="list-style-type: none"> • Move your finger over the mouse button to highlight the required key in the on-screen keyboard . • Click the primary button to enter the character into the selected data field of the active application.

<i>Keystroke</i>		<p>Sends any keystroke that you choose to the active application in the Windows desktop. By default, there is no keystroke if nothing is assigned to it.</p>
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<i>Launch Program</i>		<p>Starts an application of your choice.</p>
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<i>Quit Application</i>		<p>Closes the active application.</p>
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Presentation Tools


Icon	Function
<i>Capture Image</i>	<p>Saves any markings which you made on the screen using pens or highlighters. The image will be saved in C:\Program Files\RemotePoint RF\Slides, and the filename will be the same as the date and time you saved the markings.</p>


In the Capture Properties dialog for this tool, you can choose how much of the screen is saved:


- Capture Screen
- Capture Window
- Capture Area


Note: The default location is selected by the user during set-up.

Tool	Icon	Function
<i>Clear Screen</i>		<p>Removes any marks or “ink” on the screen which you previously stamped, using the pens, highlighter, or clip art image Presentation tools.</p>

<i>Digital Clock</i>		<p>Displays a digital clock on the screen, in Hours, Minutes, AM, or PM.</p> <p>In the Clock Properties dialog, you can change the appearance and location of the clock.</p>
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<i>Timer</i>		<p>Displays a countdown timer on the screen.</p> <p>In the Timer Properties dialog, you can enter the number of seconds to countdown, from 1 to 999. This number automatically translates into Hours:Minutes:Seconds.</p>
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<i>Display Image</i>		<p>Displays a preselected graphic image from your computer disk. You choose the graphic image file from the directories available in Image Properties dialog.</p>
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<i>Hide & Reveal</i>		<p>The Reveal tool covers the screen with a solid color. The screen can then be gradually revealed, up or down, by moving the mouse button in the same direction.</p>
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In the Hide & Reveal Properties dialog, you can change these settings:






- Reveal style (shade, color pattern)
- Direction (up and down, or left and right)






Tool	Icon	Function
<i>Clip Art Pointers</i>		<p>A pre-determined clip art image can be moved around the screen by moving the mouse button, and can also be “stamped” at multiple locations by clicking the primary or secondary button.</p> <p>You can vary the size and shape of the image by clicking and holding the click trigger, while moving the mouse button.</p> <p>The pointer shape and appearance can be chosen in the Clipart Properties dialog.</p> <p>The pointer shape (or mouse cursor) can be selected from a palette of different shapes.</p>
<i>Geometric Pointers</i>		<p>You can vary the size and shape of the pointer by clicking and holding the click trigger, while moving the mouse button.</p> <p>The pointer shape and appearance can be selected in the Pointers Properties dialog.</p>
<i>Spotlight</i>		<p>Dims the rest of the screen that is not “in the spotlight”. The screen area lit by the spotlight appears at normal contrast and brightness. You can vary the size and shape of the spotlight by clicking and holding the click trigger, while moving the mouse button.</p> <p>The type and shape of the spotlight can also be selected in the Spotlight Properties dialog box.</p>
<i>ScreenSaver</i>		<p>The Screen Saver can be started immediately, and overrides the normal Windows screen saver time setting.</p> <p>The screen saver settings can be selected in the Screensaver Properties dialog. You can also select the screen saver file (*.scr) from a directory list in this dialog.</p>

Tool	Icon	Function
<i>Ticker Tape</i>		<p>Displays a horizontally scrolling message on the screen.</p> <p>The message, appearance and location can be selected in the Ticker Tape Properties dialog box.</p>
<i>Zoom</i>		<p>The Zoom tool allows you to magnify a portion of the screen.</p> <ul style="list-style-type: none"> • Press the Zoom button. The cursor will change to a magnifying glass. • Click the Primary button to zoom in. • When the screen is enlarged, use the mouse button to move to the area that you want to display on the screen. • Click the primary button a second time to zoom out and restore the screen to its original size. <p>In the Zoom Properties dialog, you can change these settings:</p> <ul style="list-style-type: none"> • Zoom Window will allow you to select the area you wish to magnify. • Proportional to Screen will constrain your selection to the height/width ratio of your computer screen. • AutoZoom will cause the screen to enlarge by the defined magnification level – either 2x, 3x, or 4x. • Pan Enabled will allow you to move the zoom window while in zoom mode by moving the cursor in the desired direction. • Activate AutoZoom Immediately will enlarge the screen as soon as the tool is activated.

Note: The default setting is **AutoZoom**.

Tool	Icon	Function
<i>Virtual Laser Pointer</i>		<p>Displays a virtual Laser on-screen to emphasize your points.</p> <ul style="list-style-type: none"> To activate the virtual laser, make sure you are in mouse-only mode by canceling any button which has been activated. Press the button assigned to the (virtual) Laser tool (NOT the button marked LASER on the Remote unit). Move your finger on the mouse button to move the laser around the screen. To de-activate the laser tool, press the Laser button again. <p><i>Note:</i> This feature is useful when giving presentations with rear projection systems.</p>
<i>Pen</i>		<p>The Pen button changes the cursor to a pen on the screen.</p> <ul style="list-style-type: none"> To start marking with the pen, position the cursor to the starting point. Click and hold the click trigger. While holding the button down, use the mouse button to leave a mark trace on the screen. To stop marking, release the trigger. <p>In the Pen/Highlighter Properties dialog, you can change these settings:</p> <ul style="list-style-type: none"> Color Width Appearance (straight lines, transparent, etc)

Tool	Icon	Function
<i>Highlighter</i>		<p>The Highlighter tool gives the effect of using a highlighter on objects on the screen. The tool operates the same as the Pen tool, except that the “Transparent” checkbox is pre-selected (by default) in the Pen/Highlighter Properties dialog.</p>
Multimedia Tools	Icon	Function
<i>Movie</i>		<p>Allows you to start a multimedia movie.</p> <p>The multimedia movie file can be selected in the Movie Video Properties dialog. Your choices are:</p> <ul style="list-style-type: none"> Video for Windows files Movies Quick Time files MPEG files
<i>Play Sound</i>		<p>Allows you to start or stop playing a pre-determined sound.</p> <p>In the Properties dialog, you can change these settings:</p> <ul style="list-style-type: none"> Select sound file Effect speed Play once Play continuously Stop playing
<i>Volume Control</i>		<p>Allows you to change volume.</p> <p>In the Properties dialog, you can change these settings:</p> <ul style="list-style-type: none"> Select sound device Select sound command (Volume up, volume down, etc)
<i>Play</i>		<p>Sets the device in “play” mode.</p>

Tool	Icon	Function
Next		Plays the next track.
Prev		Plays the previous track.
Last		Plays the last track.
Play.../Pause		Pauses the "play" mode.
Stop		Stops playing.

Control Panel Menus Using the pull-down **File** menu in the RemotePoint RF Control Panel you can change all of the items that can be configured for RemotePoint RF.

These are the items which appear in the **File** menu:

File New Profile Displays a dialog which you use to type a unique name that you want to give to a completely new profile. You can create a number of different profiles to suit a variety of applications, or users.

File Open Profile Opens a list of all existing profiles. This allows you to load one of the 3 standard profiles (General, Presentation, and Multimedia) or any other profile you have created.

To change the current button assignment:

- Select the required profile from the list.
- Point to, and then click the **Open** button, using the primary button.

File Save Profile Automatically saves and updates the current profile with any changes you have made to the button assignments or properties.

File Save As Opens a dialog which allows you to save the current profile with a new name, or to a different directory on disk. This feature is useful if you have made changes to the button settings and wish to create a new profile, yet leave the settings in the original profile unchanged.

File Preferences Select to display the Options dialog which displays these 5 check boxes:

- Traybar Application
- Start Minimized
- Automatically Edit Properties of new tools
- Show Tool Tips
- Force previous slide on right click.

File Exit Closes the Control Panel and terminates the RemotePoint RF application.

File Help Provides a comprehensive description of the RemotePoint RF operation. A dialog allows you to get help on these subjects:

- Overview
- Configuration
- Preferences
- Operation
- Profiles
- Toolbars
- All tools, including their properties.

Point to and select the subject. A description of the item is displayed on the right side of the dialog.

Note: You can also obtain help about a tool assigned to a button by pointing to and clicking the secondary button. From the drop-down menu, select **Help**. A description of the tool and its associated properties is immediately displayed in the dialog.

Help About Contains RemotePoint RF software version number, and copyright information.

5 Troubleshooting

If you have connected your RemotePoint RF, installed the software and experience any difficulties, please consult these troubleshooting guidelines:

No Cursor Motion in Windows

- Check your connections - make sure that the RemotePoint RF receiver is securely plugged into your computer's PS/2 or USB port.
- Make sure that the RemotePoint RF software program is running. If not, start the program and try the Remote unit again.
- Check the Remote unit batteries. Low batteries will prevent the RemotePoint RF from operating. If you replace the batteries, make sure you also verify the address match described in the following check.
- The receiver and transmitter addresses do not match. (When you replace batteries, the transmitter always resets to Address 1. If you previously set the receiver to Address 2, 3, 4, 5, 6, 7, or 8, there will be a mismatch.) Please refer to the note given at the end of the paragraph: **Receiver and Transmitter Address Selection** (Chapter 2, "Installation").
- Try restarting Windows - Windows can be very sensitive in its treatment of memory and resources. Sometimes restarting or powering the computer off and back on again will restore cursor motion when the RemotePoint RF program is restarted.
- Try installing the RemotePoint RF receiver and software on another computer.
- To extend battery life, RemotePoint RF's transmitter has two low power modes. A standard low power "sleep" mode is activated immediately after the buttons are released. In this mode, RemotePoint RF's batteries can last for about a year. A second "deep sleep" mode is activated if the mouse button is held down with any continuous pressure for 2 or more minutes. This mode prevents battery drain if the buttons or pad become accidentally actuated during transportation. If the deep sleep mode is activated, the mouse button will be deactivated to prevent the battery drain. Simply press either the primary or secondary buttons to "wake up" the mouse button and continue normal operation.

Note: The RemotePoint RF is a Microsoft compatible mouse. It is not necessary to load the RemotePoint RF driver to operate in the "Mouse Mode". You can use the standard Windows PS/2 drivers. However, not all computers are the same. Some computers (notebooks), have PS/2 ports configured so you can simply plug the receiver in, power up the computer and RemotePoint RF works. Other computers may require you to change one or more configuration items. Please consult your computer's user guide to determine if your computer is capable of simultaneous mousing or automatic detection of an external mouse. Usually, this can be changed in the system bios.

Cursor Motion is Erratic

- Check all of the variables listed in "No Cursor Motion in Windows." Some of these will also affect smooth cursor motion.
- Certain energy-saving fluorescent lighting may generate interference that could cause erratic cursor movement. Try turning off some or all of the fluorescent lights in the room. If this solves the problem but you wish to have the lights on, change the RemotePoint RF Receiver and Transmitter address, as explained in Chapter 2, "**Installation**", in the paragraph titled: **Receiver and Transmitter Address Selection**.

Operating Distance is Reduced

- Low batteries in the Remote unit may reduce the effective operating distance. Always ensure that you have replacement batteries available. If you replace the batteries, also check the receiver and transmitter address settings, described in Chapter 2, "**Installation**".
- The Remote unit (the transmitter) is designed to operate at distances up to 100 feet from the Receiver unit. The operating distance may vary, depending on the structural environment where the device is operated. If there is local RF interference from another source, the unit's capabilities may be seriously reduced. In this case, you can switch the RemotePoint RF Transmitter and Receiver to a different address, as explained in Chapter 2, "**Installation**", in the paragraph titled: **Receiver and Transmitter Address Selection**.

Appendix
A

Miscellaneous

Specifications Model VP4810 amd 4812

Transmitter Specifications:

- Range: Up to 100 feet (30 meters) in typical use
- Dimension: 6.5" (165mm)L x 5.2 (51mm)W x 1.8" (35mm)H
- Weight: 5 oz (142 g) with batteries
- Backlighting: All buttons except mouse button
- Radio: 8 address (adjustable by a DIP switch on the receiver) 916 MHz in North America, 433 MHz in Europe
- Power: 2 AA batteries
- Laser: Class II HeNe laser product

Receiver Specifications:

- Interface: PS/2 or USB port
- Dimensions: 3.2"(81.2mm)L x 3.2" (81.2mm)W x 1.00" (25.4mm)H
- Weight: 4.0 oz (113 g) including cable
- Power: 5 VDC nominal; 40 mA during average use.
- Cable: 6 feet

General Specifications:

- Temperature: Operating: +32°F to +122°F (0°C to 50°C)
Storage: +5°F to +150°F (-15°C to 70°C)
- Humidity: 5-95% RH non-condensing
- Warranty: 1 year, limited
- Approval: FCC part 15; Class B and C for U.S., CE 168 for Europe.

Technical Support If you have any difficulties installing or using your RemotePoint RF, please re-check the section of this User's Guide that relates to your problem. If you are still unable to solve the problem, please call our Product Support team for assistance.

Product Support

(800) 340-1331

Hours: 8 am to 5 pm, PST

Tel: (805) 484-1331

Fax: (805) 484-8989

Email: support@interlinkelec.com

Please be ready to provide the following information:

- Date and place of purchase
- Brand and model of computer (e.g., Gateway 486/66)
- Software you use with this product

FCC Certification

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.

This equipment has been tested and found to comply with the limits for a CLASS B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated 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 guide, may cause harmful interference to radio communications. However, there is no guarantee that this radio 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 on and off, the user is encouraged to try to correct the interference by one or more of the following measures:

- Re-orient 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: Any changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment. This product is equipped with shielded cable. Extension cables, if used, must be shielded in order to comply with the emission limits.

Warranty

1. What product is covered by this warranty?

The following product (“the Product”) is covered by this warranty: RemotePoint RF.

2. What does this warranty cover?

Interlink Electronics, Inc. (“Interlink”) warrants to the original end-user purchaser of the Product (“you”) that the Product will be free from defects in materials or workmanship under normal use and service during the warranty period described in paragraphs 3 and 4.

3. When does your warranty begin?

The warranty will begin on the day you purchase the Product. Dated proof of purchase is necessary to accompany the Product returned for warranty service consideration. Valid proof of purchase must identify the point of purchase, date of purchase, and product model or trade name. Ordinarily, your sales receipt or invoice will suffice.

4. How long does the coverage last?

The warranty for the Product, excluding batteries as follows: ONE YEAR PARTS AND LABOR

5. What will Interlink do if the product becomes defective in materials or workmanship during the warranty period?

If the Product covered under this warranty becomes defective in materials or workmanship during the applicable warranty period, INTERLINK will, at its option, either repair the defective Product without charge for parts and labor, or provide a replacement in exchange for the defective Product. INTERLINK reserves the right to provide, at no additional cost, a more current or upgraded model for replacement, if available.

6. What is not covered by this warranty?

- (a) This warranty does not extend to: (i) Products which have been subjected to misuse, accident, physical damage, improper installation, abnormal operation or handling, neglect, inundation or fire, or; (ii) Products which have been damaged due to repair, alteration or modification by anyone other than an authorized representative of INTERLINK, or; (iii) Defects caused by components, parts, or accessories not compatible with the warranted Product, or; (iv) Products whose warranty/quality stickers, product serial number plates or electronic serial numbers have been removed, altered or rendered illegible, or; (v) Accessory items.
- (b) ANY OTHER WARRANTIES, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE, SHALL BE LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.
- (c) INTERLINK’S TOTAL LIABILITY FOR DAMAGES FOR ANY CAUSE RELATED TO, OR ARISING OUT OF, THE USE OR INABILITY TO USE THE PRODUCT, WHETHER IN CONTRACT, NEGLIGENCE, STRICT TORT OR BASED ON ANY OTHER LEGAL THEORY, SHALL NOT EXCEED THE ORIGINAL PRICE PAID FOR THE PRODUCT.
- (d) IN NO CASE SHALL INTERLINK BE LIABLE FOR ANY INDIRECT SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES BASED UPON BREACH OF WARRANTY, BREACH OF CONTRACT, NEGLIGENCE, STRICT TORT OR ANY OTHER LEGAL THEORY. SUCH DAMAGES INCLUDE, BUT ARE NOT LIMITED TO, LOSS OF PROFITS, LOSS OF SAVINGS OR REVENUES, INABILITY TO USE THE PRODUCT OR ANY ASSOCIATED EQUIPMENT, COST OF CAPITAL, COST OF ANY SUBSTITUTE EQUIPMENT, FACILITIES OR SERVICES, CLAIMS BY THIRD PARTIES OTHER THAN YOU, AND INJURY TO PROPERTY. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

7. How do you get warranty service?

If your Product requires warranty service, you must first contact Product Support to receive an RMA Number. The telephone numbers for Product Support are (800) 340-1331 and (805) 484-8989. Once you obtain an RMA Number, you must return the Product to INTERLINK, postage prepaid, along with a description of the Product malfunction or difficulty and your RMA Number. You must also substantiate warranty status with a dated proof of purchase (as explained in paragraph 3), inclusive of Product's serial number. The address where you should send the Product to receive warranty service is:

Product Support
 INTERLINK ELECTRONICS, INC.
 546 Flynn Road, Camarillo, CA 93012
 RMA Number _____

INTERLINK assumes no risk for damage or loss in shipment. If, in INTERLINK'S sole opinion, the Product failure is not covered under this warranty you will be notified and an authorization will be requested for any further repair activity. Products repaired under warranty will be returned to you, transportation prepaid. You must pay return shipping costs for the Products repaired which are not covered by warranty or the Products for which you do not wish to authorize repairs.

8. How does state law apply to this warranty?

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

9. Attorney fees:

If any legal actions arises relating to this warranty, the prevailing party shall be entitled to recover, in addition to other damages, all court costs, expenses and reasonable attorney fees.

10. This warranty is the entire agreement.

Unless modified in writing, signed by both you and INTERLINK, this warranty is understood to be the complete and exclusive agreement between the parties, superseding all prior agreements, oral or written, and all other communications between the parties relating to the subject matter of this warranty. No agent or employee of INTERLINK may make modifications to this warranty and any such representations should not be relied upon.

For more information, please contact PRODUCT SUPPORT at (800) 340-1331 or (805) 484-8989

