

# Interlink Wireless Controls



RF Combo Kit

## **NORMAL USE**

After classroom electronic equipment has been started and the computer turned on, the wireless mouse or keyboard (if present) may be used as soon as the computer finishes booting up.

The basic mouse functions work on ALL installations. These include: left and right click, joystick, and laser pointer functions. The four programmable buttons do not work on all installations.



## **Key Features**

The mouse has the following key features:

- Four numbered programmable buttons
- Forward and back arrow buttons
- Mouse joystick
- Red laser pointer button



The trigger button underneath is the same as a left mouse click. It advances slides in PowerPoint or performs other normal left mouse button functions. It is the same as the forward button on top.

The mouse and keyboard may be used up to 100 feet from the computer with fresh batteries installed.

## **Using the RF Pointer**

Contrary to the picture shown above, the most efficient way of holding the remote pointer is to hold it with the ball of your thumb resting on the center of the large mouse button. With practice, you may manipulate web browsers effectively and operate Windows program features easily. This picture shows the best position for using the laser pointer built in to the remote pointer unit.



The fastest way to build the skills you need is to play one or two games of Solitaire found in the WINNT or WINDOWS subdirectory on the C: drive. Try at least one game with the remote pointer at your side and behind your back. Additional refinement of these skills may be achieved using the web browser and experimenting with different sites and page types. Those with fill in the blank forms provide experience with the keyboard.

## Using the RF Keyboard

The keyboard is best used in rooms where you want to be seated around a conference table and participate in discussions on a more personal level or have a lectern some distance from a media cart being used. The wireless nature of the keyboard makes this feasible under a variety of circumstances.

Sometimes, computers power up with the NUMLOCK key in the ON configuration. This causes the numeric keypad to operate on the wireless keyboard. You may find it on the right portion of the keyboard using keys normally used by letters. If you find you are typing numbers where you wanted letters, just press the NUMLOCK key once to turn it off.



The keyboard has a mouse joystick button on the right upper corner and a set of back and forward buttons on the upper left corresponding to the right and left mouse buttons respectively. The joystick is a bit less responsive than the one on the remote mouse and takes getting used to.

Additionally, there is a left mouse button under the upper left and right corners of the keyboard. You normally hold the keyboard by the left and right sides. These two left click keys fall directly under your index fingers.

A secondary LEFT mouse button is located under the left and right upper corners of the keyboard.



## PRACTICE MAKES PERFECT

Well, it raises your comfort level anyway. By all means, spend a lot of time outside your presentations using the wireless remotes to do such things as browsing websites and playing an occasional game of Solitaire. The more you do, the less you will be focused on the devices and more on your content. The primary benefit for this is more direct contact with your Students. It is difficult to maintain eye contact with people when you are fumbling with a pointing device.

## TROUBLESHOOTING

Most of the commonly encountered difficulties are identified and the corrective actions listed for each of them in a [separate section](#).

## SUPPLIMENTARY INFORMATION

### CONFIGURATIONS

There are two basic configurations for the Interlink Accessories: the RF Combo kit and the Remotepoint RF. The RF Combo kit includes the remote keyboard and remote mouse as well as a transmitter/receiver, which works with both. The Remotepoint RF kit contains just the transmitter/receiver and pointer.

#### Location of Kits

The computer in this room is prepared for using the Interlink in both combinations. The rooms which have the RF Combo kits are Norris 102, the KC Alumni Conference room, the Varsity Lounge, and all four Ferguson enhanced rooms. All other enhanced rooms are equipped with the Remotepoint RF kits. Additionally, the Instructional Technology sign-out media cart and most media carts now have the Remotepoint RF kits installed. There is also a sign-out RF Combo kit available from Instructional Technology. You may reserve these through [reservations@albion.edu](mailto:reservations@albion.edu) as far in advance as possible. All media carts are configured to use these devices.

#### Description

These remote units operate on one of 8 different radio frequencies (RF) and at a distance of about 100 feet from the computer with fresh batteries.

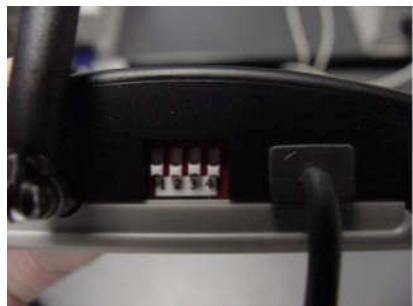
The RF Combo kit contains the two devices shown here and a transmitter/receiver unit, which connects to the USB port on the computer or laptop. These are wireless radio frequency devices and do not require you to point to the screen or projector to activate the computer.



#### Setting the Frequency

This may be necessary for several reasons. Among them, the mouse may have been dropped or the batteries in it have depleted.

The instructions for doing this are printed next to the switch in both the receiver and the keyboard units. For the receiver and keyboard, this is simple. There is a four-element switch shown here with the table of settings for both of them. Set the switches as required. For example, you decide to use frequency 8. Remove the batteries from the keyboard unit – the switch is underneath them. Set the switches as shown for frequency 8. The switch for the receiver is on the back edge. The table for the receiver is



Address	Switch Settings	Address	Switch Settings
1	1 2 3 4	5	1 2 3 4
2	1 2 3 4	6	1 2 3 4
3	1 2 3 4	7	1 2 3 4
4	1 2 3 4	8	1 2 3 4

printed on the bottom of the device. You have to set the receiver, keyboard and pointer to the same settings

The remote pointer does not have a bank of switches and requires manipulation of the buttons to make the change. The instructions are printed on the inside of the battery



compartment cover. Press the left and right buttons above the mouse button and hold them down for 10 seconds. The lights then flash. For frequency settings 1, 2, 3, or 4, just press the number on the keypad. For frequencies 5, 6, 7, and 8, press the left and right buttons above the mouse button and hold them down for 10 seconds. When the lights flash, press the laser button, then select button '1' for frequency 5, '2' for 6, '3' for 7, and '4' for 8. The pointer retains this setting until the batteries drain or are removed.



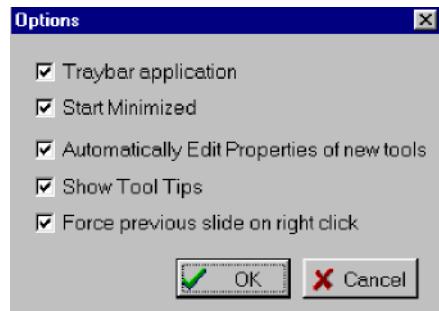
### Setting the Back Button

As shipped, the arrow button pointing left activates the Powerpoint mouse pop-up navigation dialog box. Installations on Albion College campus have been set so

the white arrow button which points to the left actually backs the presentation by one slide. If the unit has reverted to the default configuration, it may be changed so the pointer forces the Powerpoint presentation to the

previous slide using the following two-step process.

- First, click on the RF icon on the Windows taskbar – lower right part of the screen. This is a blue and white icon. Select FILE, PREFERENCES and make sure the “Force Previous Slide on Rt-Click” line is checked.
- Then in Powerpoint, go to TOOLS, OPTIONS, VIEW and uncheck the two buttons that say “Show pop-up menus”, then check OK.



### Replacing Batteries

Two of the three components of the Interlink sets require two to four AA batteries. As these become depleted, the range of operation shortens from 100 feet. Should the devices

fail to operate, try reseating the batteries first, then replace them. In some rooms, the Interlink devices are preset to other frequencies than the first one to prevent conflicts with nearby rooms. Use the following table to determine what the devices in the room you are using to be set to. Alternatively, you may look at the settings on the switch bank for the keyboard or transmitter/receiver. The mouse unit is the only device to lose its settings when the batteries are removed.

## **TROUBLESHOOTING**

### **The mouse cursor does not move or the keys on the keyboard do not work.**

The biggest problem experienced with the Remotepoint RF wireless keyboard and mouse occurs when the two-piece cable slips apart. If your Remotepoint RF device fails to operate at all, check this connection first – you will find this adapter by starting at the USB port on the back of the computer. Snug them together then retry the device. It may be necessary to restart your computer.

### **I am not moving the mouse, but the cursor is drifting on the screen.**

This happens when there is interference with the fluorescent lights in the room. A temporary fix is to reset the channel to a different number – preferably channels between 5 and 8. Realize when doing this that you may be interfering in another room. Check the room designations elsewhere in this text for the nominal assignments for these channels.

### **I am not moving the mouse, but the cursor is moving on the screen.**

This happens when another transmitter unit in an adjacent room is set to the same channel as the one you are using. It is possible if you are running the same programs for the conflicting device to cause your programs to activate outside your control. A temporary fix is to reset the channel to a different number. Realize when doing this that you may be interfering in another room. Check the [room designations](#) elsewhere in this text for the nominal assignments for these channels.

### **When the computer powers up, the Remotepoint software says it needs a Windows 2000 driver.**

Notify Instructional Technology. The drivers installed in the classroom have been altered with an installation CD and must be corrected manually.

### **My keyboard works, but the mouse does not.**

This happens when the mouse batteries are dead or have been removed and replaced. It may also happen when the mouse unit is dropped breaking battery contact. Check the batteries to make sure they are good, identify the channel the transmitter is set to, and then follow [the steps](#) to select the same channel on the remote pointer.