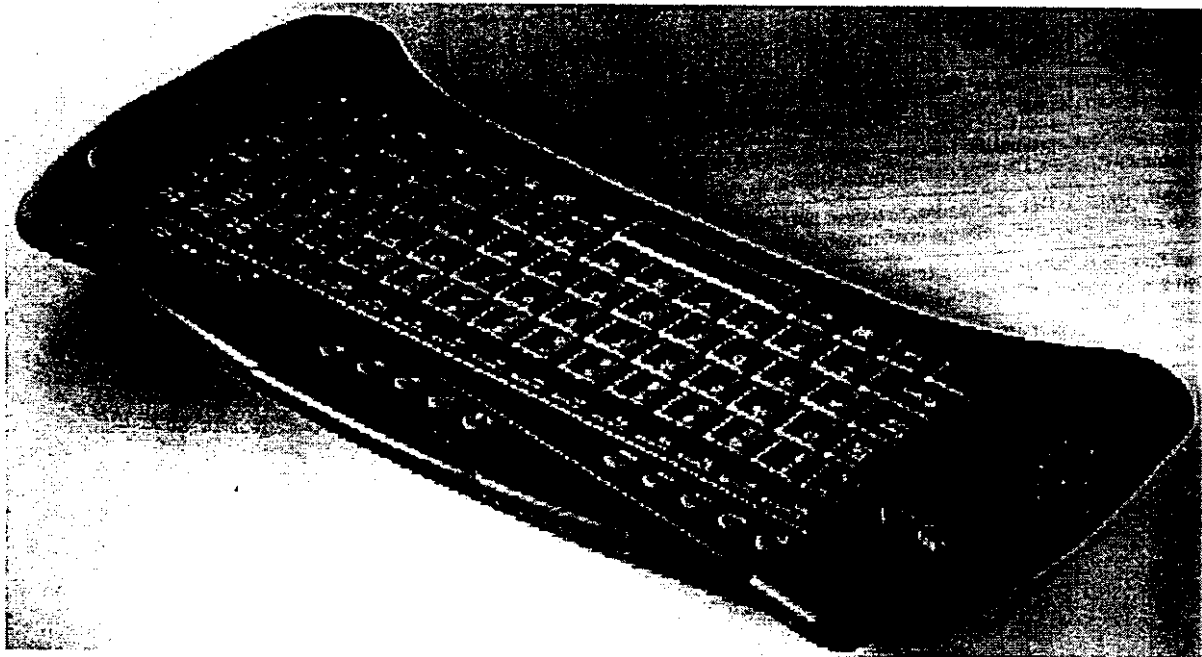


EXHIBIT C

User Manual

*900MHz Radio Frequency Based
Wireless Keyboard w/Pointing Device*



User's Manual

Features

- 900+ MHz Operation
- Appealing Compact Ergonomic Design
- Low Profile 88 key w/Overlay Numerical Key Pad
- GUI User Definable Hot Keys for Web Browser , DVD and CD ROM Controls
- Dual Easy-Opt Pointing Device Control Buttons
- 30 ft Operating Range
- Easy Installation and Operation
- Low Power Consumption
- Long Operation Cycle
- Durable and Light Weight Construction

System Requirements

- PC
- 5-pin/6-pin keyboard port
- 9-pin RS-232 port for mouse
- MS-Windows® 95 , 98 or NT required for Remote Keyboard Server software

Battery Installation

Your wireless keyboard needs four AA sized 1.5V batteries. To install batteries, follow the steps below:

1. Remove the battery cover from the compartment at the back of your keyboard.
2. Install the four batteries into the compartment by following the orientation guide inside the compartment.
3. Replace the battery compartment cover.

Keyboard Connection

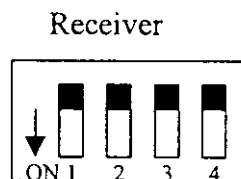
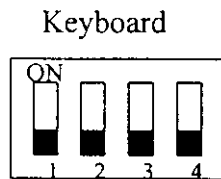
1. Turn off your computer power and unplug your original keyboard and mouse connectors.
2. Locate the RS-232 serial pointing device connector at the split end of the receiver cable. Connect this to an available RS-232 serial port at the back of your computer.
3. Locate the PS/2 keyboard connector at the other end of the split receiver cable. Adding a 6-pin PS/2 to 5-pin AT adapter to this end. Then connect this end to your computer's 5-pin AT keyboard port. Now, PS/2 keyboard port isn't supported.
4. Turn your computer on.

Note: The Smart Keys at the top of your keyboard will not function until the Remote Keyboard Server software has been installed.

Keyboard ID Setting

There is a 4-pin switch for you to change keyboard's ID at the back of your keyboard. The default setting is all off. Once you change your keyboard's ID, you also require changing receiver's ID at the back of receiver.

Default setting:



Keyboard				Receiver				Channel No.
Pin 1	Pin 2	Pin 3	Pin 4	Pin 1	Pin 2	Pin 3	Pin 4	
OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	1 (Default)
ON	OFF	OFF	OFF	ON	OFF	OFF	OFF	2
OFF	ON	OFF	OFF	OFF	ON	OFF	OFF	3
ON	ON	OFF	OFF	ON	ON	OFF	OFF	4
OFF	OFF	ON	OFF	OFF	OFF	ON	OFF	5
ON	OFF	ON	OFF	ON	OFF	ON	OFF	6
OFF	ON	ON	OFF	OFF	ON	ON	OFF	7
ON	ON	ON	OFF	ON	ON	ON	OFF	8
OFF	OFF	OFF	ON	OFF	OFF	OFF	ON	9
ON	OFF	OFF	ON	ON	OFF	OFF	ON	10
OFF	ON	OFF	ON	OFF	ON	OFF	ON	11
ON	ON	OFF	ON	ON	ON	OFF	ON	12
OFF	OFF	ON	ON	OFF	OFF	ON	ON	13
ON	OFF	ON	ON	ON	OFF	ON	ON	14
OFF	ON	ON	ON	OFF	ON	ON	ON	15
ON	ON	ON	ON	ON	ON	ON	ON	16

Keyboard Operation

This keyboard communicates with your computer by Radio Frequency (RF) signal. It uses omni-direction antenna, so there is no operating angle limit.

Smart Key

Smart Keys are a set of macro keys designed to provide you with shortcuts to a number of special functions. The keys are located across the top of your wireless keyboard and also visually represented through the Remote Keyboard software.

Drag Key

The drag key is located at the upper right of keyboard. For operation, move the cursor to your desired point. Then press the [Drag] button to enable drag function. This frees your thumb to move the cursor by operating the point device without holding down the mouse left button. Move the cursor to the destination point and then press mouse left button to complete your “drag”.

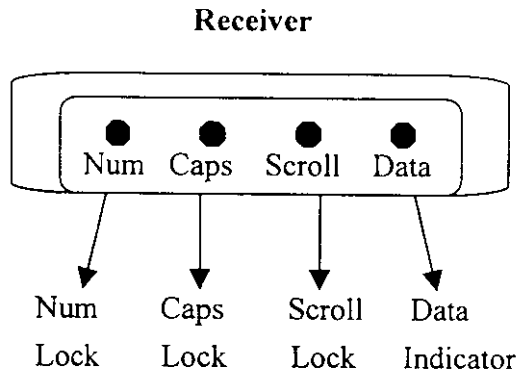
Embedded Keypad

The embedded keypad, which has functions similar to a desktop numeric keypad, is indicated by small blue characters located in the upper right corner of the keycaps. To use the keypad, press the [Fn] key and type blue number keys on the embedded keypad.

Battery Low Indicator

The battery low indicator, located at the upper right of your keyboard, If total battery (4 x AA) voltage lower than 4.4V. This indicator will light, it informs you that you require replacing new batteries.

Receiver Indicator



On the front side of the receiver, there are 4 red LED lights. Each of these LED lights has different meaning. These are Num lock, Caps lock, Scroll lock and Data (from left to right). When every wireless keyboard's signal is being received from the receiver, the Data LED will light. The Num lock, Caps lock, Scroll lock is activated as a standard keyboard

Remote Keyboard Software Installation

To install Remote Keyboard, following the steps below:

1. Insert the Remote Keyboard diskette into your 3.5" floppy drive.
2. In your Windows "Run" windows, type A:\SETUP or B:\SETUP. The software will automatically start to install.
3. Or, using Windows "file manager", Double click "SETUP.EXE" file. The software will automatically start to install.
4. Restart your computer so that your new software will be operable.

Using Remote Keyboard

Remote Keyboard Overview

Remote Keyboard V1.0 brings professional quality, convenient Windows® 95 - 98 and NT keyboard control to your fingertips with wireless keyboard. It was designed for ease of use, with powerful and useful features to aid the professional as well as support the needs of the occasional user. You will find it is wonderful after using it just a few times.

Remote Keyboard V1.0 provides you not only the keys of ordinary keyboard but also the smart keys. These smart keys are specially designed for user convenience. The keyboard manager allows you to manage these smart keys easily. It can disable the functions of these keys or show these keys on the topmost of screen, etc. Beside, it provides you the flexibility to configure these smart keys setting. You can arrange these keys according to your need.

Features Overview

Control your computer at a long distance without annoyed keyboard wire. It uses standard keyboard format, so you can plug it into any appliance that uses standard keyboard connection, such as PC or Internet box.

Quickly launch application by pressing one key. With pre-defined application path and file name, you can launch program quickly.

Activate specific operation more easily by pressing one key. With pre-defined operations such as close window, start screen saver and so on, you can activate operation more quickly.

Provide more convenient way to invoke multimedia functions.

Control your CD player more easily specially designed CD player that provides you better quality and friendly user interface.

Configure your own hot keys according to your need. You can define up to 15 groups

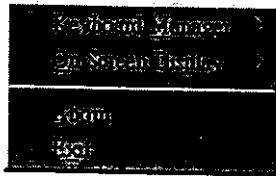
Execute Remote Keyboard



If you have installed Remote Keyboard V1.0, it will be started up automatically when you turn on your computer. You will find a small icon located on the bottom-right corner of the desktop, as figure shown above. A small yellow tip "Remote Keyboard Server" appears when you move mouse on the top of icon.

You can also start Remote Keyboard manually. Please click start up menu and select the Remote Keyboard folder. Double clicks on the RemoteKeyboard.exe to launch the program.

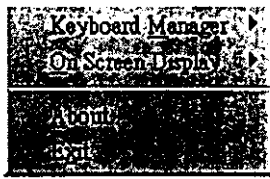
Terminate Remote Keyboard



To terminate the Remote Keyboard, just right click mouse on the small icon of the program located on the bottom-right corner of desktop. A menu will be popped up. Chose Exit to quick.

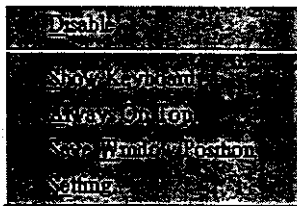
You can still using wireless keyboard without the Remote Keyboard. You can not, however, use the smart keys' functions without the Remote Keyboard.

Configure Remote Keyboard



The Remote Keyboard provides you the flexibility to configure your own setting. To configure the Remote Keyboard, just right click mouse on the small icon of the program located on the bottom-right corner of desktop. A function menu will appear as shown above. To set up the smart keys functions, please select Keyboard Manager option. To configure the program preferences, please choose On Screen Display option. For further detail information, please see the section Keyboard Manager and On Screen Display.

Keyboard Manager



The keyboard manager provides you several functions to configure your smart keys setting.

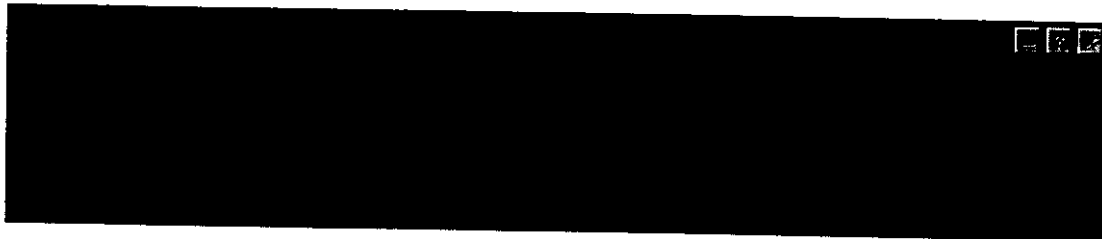
- To disable (or enable) the functions of the smart keys, please select the Disable (or Enable) option.
- To show (or hide) the smart keys, keypad, please select the Show Keyboard option.
- To put your smart keys, keypad always on the topmost of the desktop, please select Always On Top.
- To save your smart keys keypad position, please select Save Window Position.
- And to configure your own smart keys , please select Setting

Enable/Disable Keyboard Manager

When this option is set to disabled, the keyboard manager will disable the function of the *smart keys*. You can still using your wireless keyboard, but you can't use the smart keys functions which provide you a convenient way to operate your application.

Display Keyboard Manager

This function displays the *smart keys* keypad of the Remote Keyboard.



The figure shown above is identical to the layout of the wireless keyboard. Therefore, you can click on the buttons directly to invoke their function just like you press the keys on the wireless keyboard.

NOTE: The function of each key dependent on the group you are selected.

Always On Top

When this option is checked, the smart keys keypad window will be placed at the topmost of the desktop. Otherwise, it will be overlapped if any other windows get focus. To cancel this setting, just select this option again and you will find the checked symbol will disappear.

Save Window Position

When this option is checked, the position of the smart keys keypad window will be saved automatically when you move the keypad window. When you show keypad window next time, it will locate on the position you saved last time. To cancel this setting, just select this option again and you will find the checked symbol will disappear.

Set Up Keyboard Manager

The setting function provides you the flexibility to configure your smart keys setting. There are 15 different groups of key map and each group has 14 keys (as figure shown below) can be defined to different uses such as launch program, activate specific operation and so on.



Groups:

Each group is assigned to a default name, from Group01 to Group15. You can modify the group name by pressing "Edit Group Name" button.



Each group has its own key map. There are 14 keys in each key map. You can assign each key to different function or simply disable the function of this key. The default setting of the key is disabled.

Key Map: There are 14 keys in each group and each key can be assigned to different uses.

- **Button Label:** You can assign each key a label to describe what the key is used for.
- **Disable:** Disable the function of this key.
- **Function:** Select this option indicates that this key is assigned to a specified multimedia function. Remote keyboard provides 17 pre-defined functions described as follow:
 - Close: Close the current active window.
 - CD: Execute the CD player.
 - Multimedia: Execute the multimedia player
 - WWW: Execute the default browser, such as Netscape® or Internet Explorer®
 - Group choice up: Assign key to "previous group" function
 - Group choice down: Assign key to "next group" function. This function, as

well as "Group choice up", allows you to switch among different groups.

- Backward: Jump to the previous track
 - Pause: Pause playing the CD player
 - Play: Start playing the CD player
 - Stop: Stop playing the CD player
 - Forward: Jump to the next track
 - Eject: Eject CD from the CD-ROM
 - Volume down: Decrease output level of PC master volume
 - Volume up: Increase output level of PC master volume
 - Mute: Mute sound of the master volume
 - Display: Display *smart keys* keypad window
 - Screen saver: Activate screen saver function
-
- **Launch Application:** Execute the application. You must assign the application file name and its path. You can use "Browse" button to assist to define the path and file name of the application.

 - **Hot Key:** You can define smart key as the combination of Ctrl, Alt, Shift and A-Z. For example, you can assign one key as Ctrl + C (copy the selected area to clipboard), while assign another key as Ctrl + V (paste from clipboard).

If you modify any setting, the system will prompt you to save these setting before leaving keyboard manager.

NOTE: Please click on the Minimize to leave Keyboard Manager. As figure shown following. 

On Screen Display



Sometimes, the Remote Keyboard will show indicating message at the bottom of the desktop for some operation. We call these messages the OSD. For example, when you adjust multimedia volume, a volume indicator will appear to indicate the changing status of current volume level. The On Screen Display option provides you to configure the preferences of these messages including their font color, font style, and how long it will stay before disappear.

- To disable or enable the message, please select Disable/Enable option. The indicating message will not be shown when you disable On Screen Display. The default setting is enabled.
- To setting the preferences of these message, please select Setting option.

Enable/Disable On Screen Display

Select this option to disable or enable the OSD. When this option is set to disabled, the indicating message will not be shown at any circumstance. To enable the OSD, just select this option again.

Set Up On Screen Display

You can set the preferences of the OSD.

- Select Color: Choose your favorite color for the OSD font.
- Select Font: Choose your favorite style for the OSD font.
- Delay Time: Set up the OSD staying time duration before it disappeared.

You can test your OSD before saving your setting. Click Test to preview your OSD look like.

The Smart Keys indicates the hot keys you define for specific purpose. You can use smart key to quick launch program, to quick activate specific operations according to your setting.

On Screen Display (OSD) is the message used to indicate the current operation status. It is shown transparently on the topmost of the other window and will not stay too

Specifications

Carrier Wave RF : 916.0~916.75MHz(ISM Band)

Modulation Type : FSK(Frequency Shift Keying)

Transmission Channel : 16 Channels

ID Code : 16 Codes

Range : 30ft

Operation Angle : Omni-direction

Power Supply : Transmitter : 4 × AA size 1.5V Batteries

Receiver : 5 +/- 0.5V

Battery Life : 3 Months for Normal Operation

Interface : Keyboard : PS2 and AT

Mouse: PS2 and RS232 Ports

The specifications are subject to be changed without any notice

INFORMATION TO THE USER

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.

NOTE: 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 and 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:

- Reorient 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.

This booklet is available from the US government Printing Office
*Washington, DC 20402, Stock NO. 004-000-00345-4.

CAUTION: Any changes or modifications not expressly approved by the grantee of this device could void the users authority to operate the equipment.