Since 1987

PowerSaver R7

Wireless Desktop

User’s Guide

Model: RK(S)-5&R7-20D

www.a4tech.com

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!

PowerSaver R7 Wireless Desktop is the optimal high science products for power & desktop space saving. Its innovative lightweight, mini & thin wireless keyboard design gives you a consistent desktop look as well as an amazingly high level of comfort. your new RF-Mouse is designed with R7 Extremely Low-Power Technology only requires 8mA electric current while others require 25mA. Wow! Just turn your mouse battery –life 3 times longer. Same time, PowerSave R7 performs high-speed RF technology with report rate of 125Hz **[***Normal wireless optical mice performs with reports rate of only 90Hz (Tested by Mouse Rate Program)*]**

- **Package contains：**

PowerSaver R7 Wireless Optical Mouse
PowerSaver R7 Wireless Keyboard
USB RF Receiver
USB Extend Cable
4 AAA Alkaline Batteries
User’s Manual

- **System Requirements:**

To use the mouse presenter, your computer must meet the following hardware requirements and run one of the operating system listed below.

Hardware

1. IBM or compatible system
2. UBS v1.1 or higher interface
3. Hard Disk Driver
4. USB Port

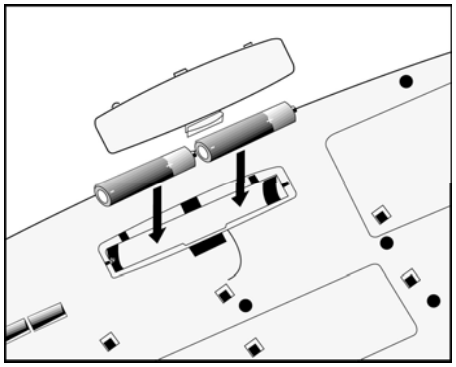
Operating System

Windows®98/Me/2000/2003/XP/X64

Inserting the Batteries

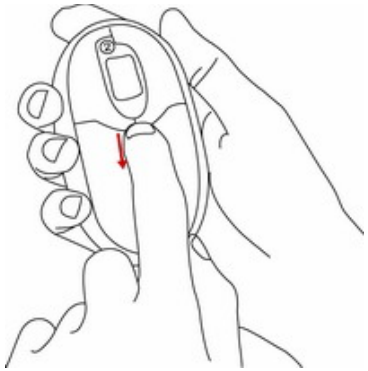
- **Install 2 AAA alkaline（or rechargeable batteries）in the wireless keyboard.**

1. Remove the battery compartments cover on the bottom of the keyboard by squeezing the cover in front the tab to release it.
2. Insert the batteries; make sure to properly orient the positive (+) and the negative (-) ends as specified by the battery compartment labels.
3. Replace the cover.



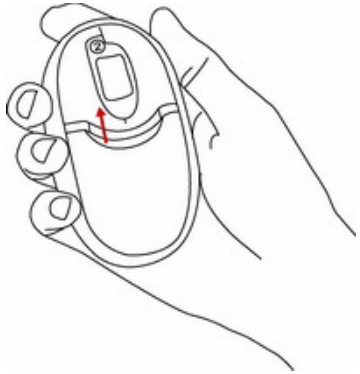
- **Install 2 AAA alkaline（or rechargeable batteries）in the wireless mouse.**

1. Press the tab on the bottom of the mouse cover as shown here and remove the cover.
2. Insert the supplied batteries, making sure that the positive (+) and negative (-) ends of the battery match the polarity indicators inside the battery housing.
3. Slide the batter cover back into position until it “clicks” firmly into place.



Step1

Step2



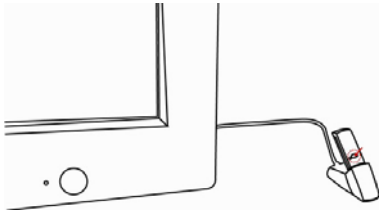
Step3

To connect the receiver

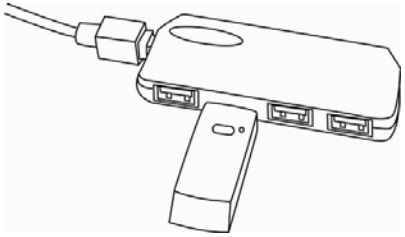
Insert the Receiver USB port connector into the available computer USB port. You can choose anyway to connect the USB receive with computer as blow:

For PC computer usage:

1. Insert the USB receive mouse port connector into the USB port on the USB extend cable (accessories),



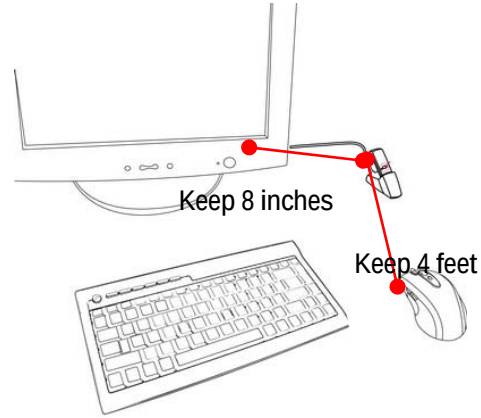
2. Insert the USB receives mouse port connector into the USB HUB port.



Locating the USB RF-Mouse Receiver

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

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 4 feet (1. 5meter) from the mouse receiver. This will ensure optimal communication between the mouse and receiver.



Operating Hints: For optimal performance and RF reception:

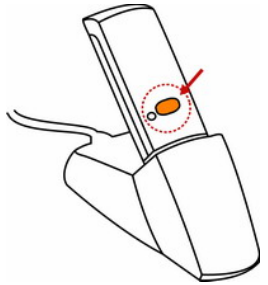
1. Avoid suing the mouse on a metal surface, Metals, such as iron, aluminum or copper, shield the radio frequency transmission and may slow down the mouse's response time or cause the mouse presenter to fail temporarily.
2. The mouse will enter a suspend mode at the same time your computer dose, click a button on the mouse presenter to activate it.
3. Never use the mouse on a glass or mirrored surface as these surface will the mouse to fail temporarily

Establish Frequency Channel and ID Code

Step one: how Connecting the Wireless Keyboard ID Code?

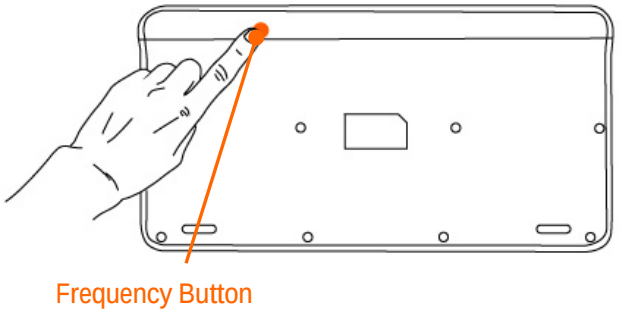
1. USB RF Mouse Receiver: lanuch frequency channel and ID code to RF-keyboard

Press and release the connect button on the front of USB receiver (shown as right image), the GREEN PWR LED light turns “Off” and starts “Blinking.



2. Wireless Keyboard : Respond frequency channel and ID code from Receiver

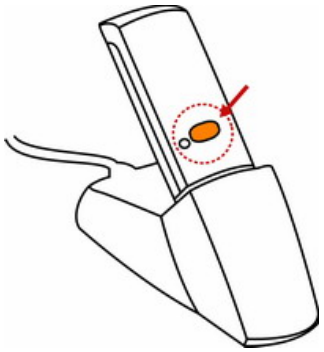
- Press and release (1 second) the **(**Frequency Button) **orange connect button** on the bottom of keyboard
- The RED PWR LED light of USB RF Receiver turns “Off” and starts “Blinking with right frequency channel and ID code.
- If the GREENPWR LED light of USB RF Receiver is black out, it indicates that the right frequency channels and ID codes are launched successfully between the receiver and the keyboard,



Step two: how to Connecting the Wireless Mouse ID Code?

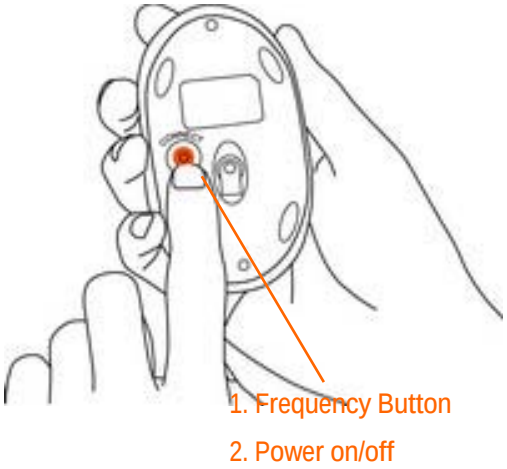
1. USB RF Mouse Receiver: lanuch frequency channel and ID code to RF-Mouse

Press and release the connect button on the front of USB receiver (shown as right image), the GREEN PWR LED light turns “Off” and starts “Blinking.



2. Wireless optical mouse : Respond frequency channel and ID code from Receiver

- Press and release (1 second) the **orange connect button** on the bottom of mouse,
- The RED PWR LED light of USB RF Receiver turns “Off” and starts “Blinking with right frequency channel and ID code .
- When the mouse is inactive, If the GREENPWR LED light of USB RF Receiver is black out, it indicates that



the right frequency channels and ID codes are launched successfully between the receiver and the mouse, otherwise, repeat the procedures of the right frequency channel and ID codes. You are now ready to use the mouse.

Note：The connect button of wireless optical mouse have two functions. One function is correspond frequency with USB receiver. **Other function is** power switch. you can control power on-off through it (please operate as "**Power Management**" show)

Power Management for wireless optical mouse

Manual Power on/off method

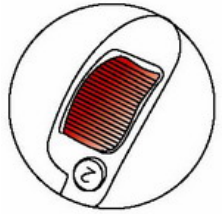
1. To power the mouse on, please press and release the switch bottom of the mouse within in 1 second.
2. Turn off the mouse while traveling or when you don't use it. Please press and release the switch bottom of the mouse within 4 seconds. (if you use this mouse , you must to power the mouse on again)

Automatic Power on/off method

If this mouse is keep non-operation in 30 minute, Mouse turns off automatically. If you awaken this mouse, you can click left or right button on the mouse.

Low Battery Warning

when your battery power is low, Smart wheel LED light turns to Red for 0.3 seconds and it will be off after 0.9 seconds in interval



Note: Removing the batteries will require you to synchronize it with the receiver again the next time you turn it back on.

Practical electrical current usage text sheet (on white paper)

Battery Voltage (V)	Use Electrical Current (mA)
3.3	6.9
3.2	7.0
3.1	7.3
3.0	7.4
2.9	7.6

Intelligent 4 Power-Saving (SLEEP MODE):

There are 4 sleep mode features activating PowerSaver RF-Mouse

Mouse status	Enter Sleep mode	Electrical Current usage(mA)	Savable electricity(mA)
200 milliseconds non-operation	idle mode	2.1	5.9
5 seconds non-operation	sleeping mode	0.8	7.2
70 seconds non-operation	deep sleeping mode	0.1	7.9
30 minute non-operation	turns off automatically	0.01	7.99
To wake up the mouse from sleep mode, you must click left or right button on the mouse.			

Popular Seven Hotkeys for Wireless Keyboard

There are 7programmable Hotkeys which default functions are automatically supported by Windows2000 or above Windows OS.

You have to establish the iKeyWorks to enable the Hotkeys in Windows98 OS.

1. Through A4 download web page : http://www.a4tech.com/en/download1.asp to **download the keyboard driver.**
2. Double click the Winzip driver file then click " I Agree" to open the file and start to install .
3. Locate the file' Setup.exe" then click "next" till '"finish" to accomplish the installation.

Hot Keys	Default Functions
 Power	Cut off the computer power
 Back	Back to previous page
 Forward	Forward to next page
 Refresh	Refresh the page
 Home page	Access your default web page.
 Search	Web search
 E -mail	Launches an e-mail application.

TECH SUPPORT

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