Note:
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.
Caution:
The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user authority to operate the equipment.

USER'S GUIDE
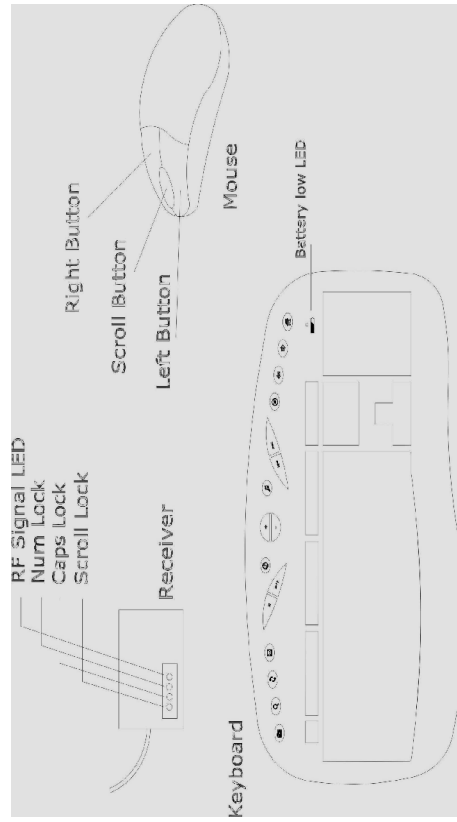# TO W2028RF WIRELESS
KEYBOARD AND MOUSE

Please read the followings before using the set.

Introductions:

This keyboard/mouse set is a wireless input device with 27 Mhz radio frequency. It is plug & play with Windows Me/2000/XP, no need of any software installation. When user typing the keyboard, membrane will detect the user typing character, then send signal to the MCU; through the 27M Hz RF circuit transmit the modulation signal, the MCU will enclose the signal and modulation the signal that uses FSK modulation type. Please remove the software for your previous keyboard or mouse that you have installed before using this new device.

This set consists of 3 parts: keyboard, mouse, and receiver.

(Figure 1)

Right Button
Scroll Button
Left Button
Mouse
Battery low LED

RF Signal LED
Num Lock
Caps Lock
Scroll Lock
Receiver
Keyboard

System Requirement

IBM PC compatibles

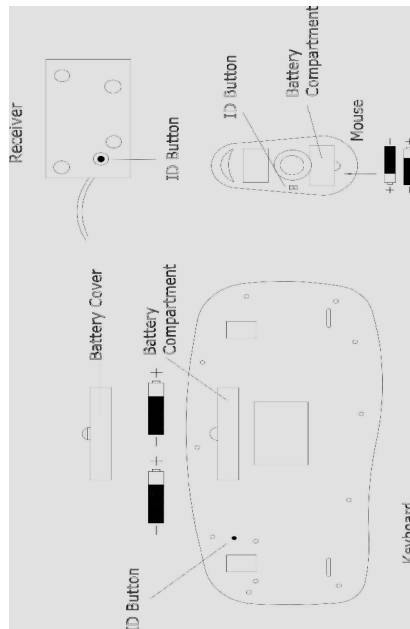PS/2 ports for mouse and for keyboard

Microsoft Windows Me/2000 and XP

Install Batteries:

The wireless mouse and the keyboard need two AAA batteries individually. (For best performance, please use only alkaline batteries)

1. Open the battery compartment covers of the mouse and the keyboard.
2. Insert two AAA batteries inside the compartment individually.
3. Close the battery compartment covers.

Figure 2

Caution:

When you do not use the wireless keyboard/mouse for a long period of time, please remove the batteries.

Connect The Receiver

RF wireless keyboard/mouse uses digital radio technology to communicate. It transmits radio frequency signals which are picked by the receiver, then pass on to the computer. The receiver is connected to the computer's PS/2 ports Via a Y cable. Connect the green connector to the computer's mouse port, and plug the purple connector the keyboard port.

Caution:

Shut the computer before connecting the receiver to your computer.

For the best performance, place the receiver at least 20 cm (8 inches) away from computer, monitor, and the other devices which will cause radio interference.

Working on metallic surface will reduce the RF performance. Avoid placing the receiver on metallic surface.

Plug or unplug cable from the computer's PS/2 ports improperly can cause damage to the PS/2 ports and to the computer.

If the working range becomes short when using them, please move the receiver another place.

ID set up

After installing the batteries and connecting the receiver to your computer, please start your computer. If the product does not work, please set the ID Code

(see figure 2): Press the ID Buttons, the ID code will be set automatically. The process must be completed within 20 seconds.

After setting the ID code, the Receiver's RF LED blinks. This means the keyboard and the mouse communicate with receiver successfully.

If the LED does not blink, or the keyboard/mouse does not work properly. Please re-install the batteries or reset the ID Code.

Caution:

After changing the batteries, loosing the batteries, or reconnecting the Receiver, please carry out the above procedures to set the ID Code again. Otherwise, the unit can not work properly. This product is single channel RF keyboard/mouse. If the same ID is also used by other users in the near environment and interferences are caused, please repeat the ID set up procedure.

Use Of The Mouse

After successful installation, the mouse can work well with Windows 95/98/Me/2000/and XP, no need of software driver.

The mouse comes with a scrolling wheel, which can function either as a wheel or as a button. (See figure 1)

To scroll up, move the wheel forward; to scroll down, move the wheel backward.

To use the wheel like a standard mouse middle button, simple click (press down) the wheel
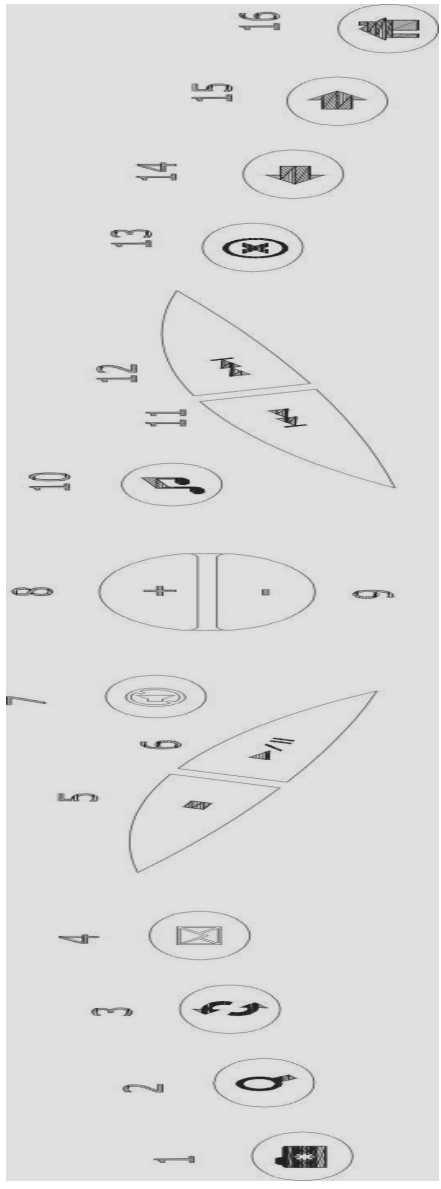
Use Of The Keyboard

After successfully installation, the keyboard can work

well with Windows Me/2000/XP, no need of any software driver. The keyboard is a 104/5-key model with 15 hot keys that can take you directly to your favorite multimedia activities. And you can navigate music and video clips, surf the web and start programs. All the hot keys are on the upside of the keyboard. The functions are （See Figure3 ）

1.My Favorite: Open my favorites

2.Web Search: Launch your web search function

3.Web Refresh : Update and refresh the web page.

4.E-mail: Call the email application

5.Media Stop: Stop the media playing

6.Play/Pause: Play or Pause the media playing

7.Mute: Disable the sound

8.Volume Up: Increase the volume

9.Volume Down: Decrease the volume

10.Media Select: Launch the media player

11.Rewind: Changes to the previous media track

12.Forward: Changes to the next media track

13.Web Stop: Stop the web browser

14.Page Back: Back to the previous web page

15.Page Forward: Forward to next web page

16.Web Home: Go to web home page

Figure 3

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Trouble-shooting

1.If your keyboard/mouse does not work after installation, please check the followings:

Make sure you have connected the receiver correctly with the computer and the receiver's connectors have been properly plugged into computer's PS/2 ports.

Make sure you have inserted the batteries correctly.

Make sure you have set the ID code properly as stated above

For better performance, place the receiver at least 20 cm (8 inches) away from computer, monitor, or other devices which may cause radio interference. Avoid placing the receiver on metallic surface.

If no interference, the working distance of the keyboard/mouse and the receiver is about 5 feet.

2.If your keyboard/mouse is not detected by the computer, please check the followings:

a). Make sure the receiver is plugged into the right PS/2 port. Do not plug and unplug the receiver's connectors while the computer is on.

b). Make sure your PS/2 ports have the proper configuration. Refer to your computer documents for right configuration

c). You may have other system device(s) (e.g. modern card) that is /are conflicting your mouse. Check the IRQ address setting of these devices, and change the setting as required. Refer to your computer documents to make the changes.

d).To clarify if the problem is from the keyboard/mouse or it is system related, please use the keyboard/mouse on another computer, or a different

keyboard/mouse on this computer.

3．If the mouse cursor does not move properly, or the key-in data does not prompt up on the screen, please check following:

a). Clean the ball and the roller of the mouse

b). Check the position of your receiver. Maybe the receiver is too far away.

c). Check the large metal devices, such as microwave, electric stove, television, hair dryer… , which may interfere the receiver's radio reception.

d). Check the status of the batteries. The batteries may be near dead. If the key/mouse does not work after some time of usage, please replace the batteries to see if it can solve the problem

Advice:

Have a break after 30 minutes using keyboard continuously to prevent any temporary or permanent injury on wrist or other parts.