9019URF Wireless Kits

USB RF Keyboard With Build-in Mouse & Joystick

Manual

Version 1.0

封面內頁

FCC GUIDELINES

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.

The Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulation.

Cet appareil numerique de la class B respecte toutes les exigences du Règlement sur le materiel brouilleur du Canada.

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. (2) This device must accept any interference received, including interference that may cause undesired operation.

This equipment is intended for use in the following countries EU 15 countries:
Austria, Belgium, Denmark, Finland, France, Germany, Ireland, Italy, Luxembourg, Netherlands, Spain, Sweden, United Kingdom, Portugal, Greece. And other non-EU countries: Switzerland, Norway, and Iceland.

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第十七條：低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，英立即停用，並改善至無干擾時方得繼續使用。

前項合法通信，指依電信法規定作業之無線電信。

低功率射頻電機需忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

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Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. Shielded interface cable, if any, must be used in order to comply with emission limits.

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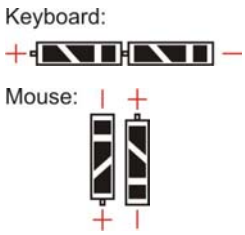
Important Information

Battery Installation

When battery power gets too low, the computer will display a battery low icon on the system tray or flash 10 seconds every minute on right upper screen as notification.

1. Open the battery compartment cover on the bottom of the keyboard and mouse.
2. Follow the indication inside to place in keyboard and mouse batteries.
3. Place the battery compartment cover back and proceed with ID setting of the devices.



Important:

1. We recommend using alkaline batteries for a longer battery life.
2. Always change batteries when battery low icon appears.
3. Install keyboard and mouse driver first to ensure the battery power is monitored.
4. Don't mix different types of batteries or new and old batteries together. Always replace old batteries with new and same type batteries.
5. Remove batteries after long periods of non-use. Battery leakage or corrosion may damage the device quality and cause danger.

Receiver cable positioning

1. Don't warp receiver cable around monitor or LCD panel base.

2. Don't intertwine receiver cable with power cables.

3. Don't bundle or bind receiver cable with other signal cables.

4. Don't extend receiver cable unless absolutely necessary, and let receiver cable run free from other cables.

1 Introduction

Congratulations on your purchase of this wireless USB RF keyboard with marvelous build-in mouse & joystick. This keyboard kit will finally free you of the constraints of your desktop by providing a wireless connection between your keyboard and your PC. Pass around the keyboard during meetings without having to bother about a cable blocking your way or write e-mails and surf the Internet from the comfort of your living room couch!

This keyboard kit consists a keyboard with mouse & joystick, and a receiver. The receiver is connected to your PC through a cable with a keyboard connector. The keyboard can be operated freely within a radius of at least 6.56 feet (2 meter) from the receiver. Because the keyboard uses radio frequencies to transmit the wireless signal, it has no constrictions on viewing angles such as with infrared devices like your TV's remote control, etc.

Moreover, the build-in mouse function on keyboard makes you access easily to Internet Menu, Multimedia Menu, and Office Menu by pressing the "mouse middle button" (**Please Note:** Please install the enclosed driver first to enjoy these amazing functions). When using the joystick in your exciting computer games, you immediately can enjoy the convenience and easy of operating that joystick. (**Please Note:** Joystick function can only be worked when playing computer games.)

Besides providing unprecedented freedom movement when operating the keyboard and joystick, it also has a row of hotkeys including Internet, Multimedia, and Sleep key (**Please note:** The Internet keys work only under Microsoft® Internet Explorer 5.0 or later version). This package also provides a special driver, which provides unique shortcut functions.

In order to enjoy your keyboard of their full potential, we recommended you read this manual carefully prior to installation.

What's in this package?

- A wireless keyboard with mouse & joystick
- A receiver
- A driver disk
- A manual
- A quick guide
- Batteries (2 pcs of AA alkaline batteries)

2 System Requirements

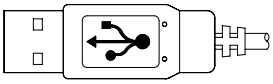
- Microsoft® Windows® 98, Windows® ME, Windows® 2000 or Windows® XP operating system
- Microsoft® Internet Explorer 5.0 or later version (for the Internet keys)
- CD-ROM drive (for CD and Video operation)
- Standard sound card (for CD and Video operation)
- The system supporting ACPI or APM II (for power management buttons)
- ATX mother board and ATX power supply (for power management buttons)
- USB Spec 1.1 or its compatible
- Available USB port

Please refer to table below for the other system requirements for the features.

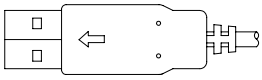
Function Description	Operating System	
	Windows 98	Windows ME / Windows 2000 / Windows XP
Wireless Functionality	Available immediately after hardware installation	Available immediately after hardware installation
Extra Hot key Functions on Keyboard	Requires keyboard driver installation (see driver disk for details)	Requires keyboard driver installation (see driver disk for details)
Keyboard Extra ACPI Keys	Requires enabling of system ACPI (Power Management) function	Available immediately after hardware installation
Mouse Driver Function	Requires installation of mouse driver (see driver disk for details)	Requires installation of mouse driver (see driver disk for details.)
Keyboard Battery Low Indication	Requires installation of keyboard driver (see driver disk for details)	Requires installation of keyboard driver (see driver disk for details)
Keyboard LED Indication	Requires installation of keyboard driver (see driver disk for details)	Requires installation of keyboard driver (see driver disk for details)

3 Hardware Installation

Step 1: Connect the receiver to your PC by plugging in the receiver's USB connector into your available USB port on PC.

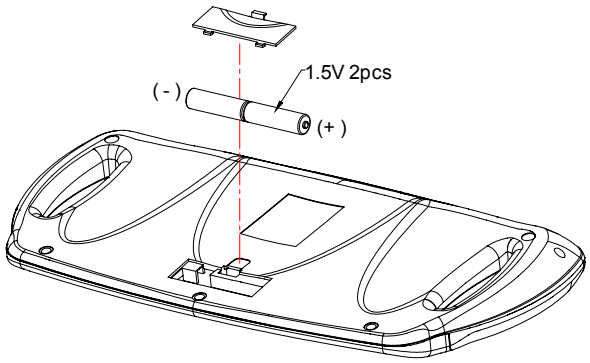


Front View of USB Connector



Back View of USB Connector

Step 2: Take the **keyboard** and make sure the batteries on the back are installed correctly. (Follow the polarity signs in the battery compartment.)



Remarks:

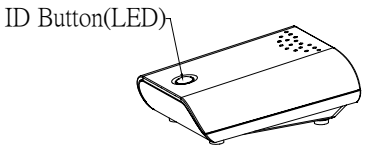
1. The keyboard uses 2pcs standard UM-3 (AA) 1.5V alkaline batteries.
2. Battery life is approximately 3-4 months, depending on the intensity of usage.
3. Make sure the receiver is placed in a location relatively free of strong electromagnetic or transmission sources in order to ensure optimal reception of the keyboard signal.

ID Setting

This wireless RF keyboard kit contains 255 sets ID. This extra ID-recognition function helps to protect against interference from other RF keyboards in the same environment.

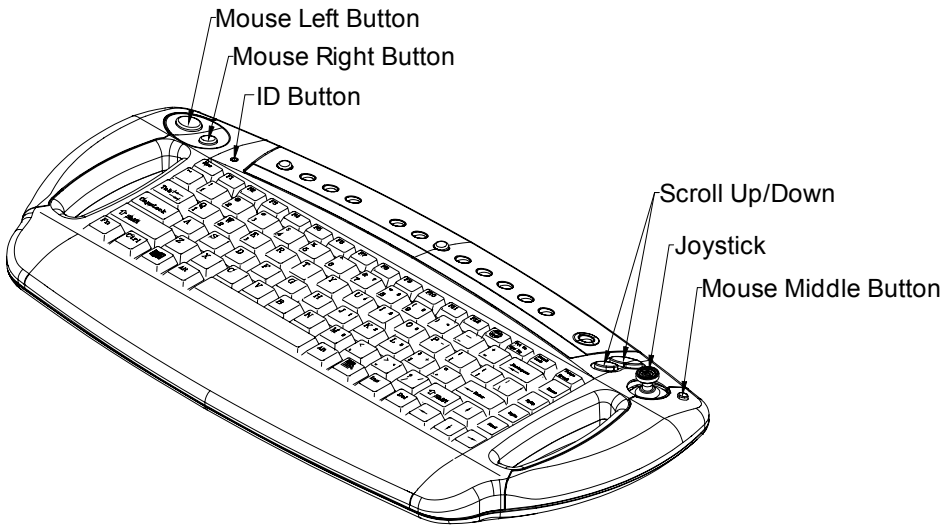
- **The word CONNECT labels the ID button on each unit.**
- **The LED under ID button of receiver shows connecting condition.**

Step 1: Press the ID button on the top of the receiver once.



ID Button of Receiver

Step 2: Press the ID button on the front side of keyboard (upper-left side) once.



Front View of 9019URF Keyboard

Remarks:

1. ***You must follow the procedure above to set the ID of receiver, and then keyboard.*** Once the receiver ID button is pressed, you have 30 seconds to complete the entire process, or you will need to begin again.

2. ***If the keybaord does not work after ID setting procedure, or the signal transmission between receiver and keybaord is interupted, please do proceed ID setting procedure again.***

3. Once the keyboard and receiver are plugged in, the yellow receiver light will flash. Once the ID is set, it will remain steadily lit.

4. When changing the batteries of keyboard, please remember to reset the ID.

5. When keyboard batteries are low, a battery low icon will show on the system tray.

4 Software Installation

After finishing the hardware installation as described in this manual and starting up your PC, you should be able to immediately take advantage of the wireless function of the wireless keyboard. If the keyboard does not work properly, see ***Chapter 6: Troubleshooting*** for tips on how to solve your problem.

If your operating system is Windows® ME, Windows® 2000 or Windows® XP, you can immediately take advantage of the extra function buttons on the keyboard (***except 'Battery Low' and 'LED Light' functions***). But, if your operating system is Windows® 98, you will have to install the "KeyMaestro input Device Driver" to take advantage of these functions. The keyboard driver program is located on the driver disk enclosed in the box.

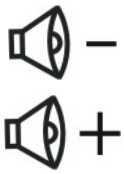
1. Insert the disk labeled "KeyMaestro Input Device Driver" into your disk drive.
2. Open File Explorer to find "**SetupKey.exe**" in the disk.
3. Double-click on "**SetupKey.exe**".
4. Then follow the on-screen instruction to install the driver. The default installation path is set to ***c:\Program Files\KMaestro***. You have the option to change the install path during setup.
5. When all setup procedures are finished, the operating system does not need to restart. The driver is loaded when you see the driver icon shows on the system tray (lower-right corner of the screen).

5 Using the Keyboard, Mouse, and Joystick

5.1 Using the Keyboard

- **Hot Key Functions**

There is a row of hot keys on the top of keyboard. The functions are described as below:

	Web/Home	To start your Microsoft Internet Explorer 5.0 (or above) and bring up the homepage you set. **Note:** You can select "Tools → Internet Options → Programs" to change the default settings of Internet Browser.
	Favorites	To select a web page from your list of favorites.
	Search	To gain access to a number of search providers.
	Mail	To open the default program you use for mail. **Note:** You can select "Tools → Internet Options → Programs → Email" to change the default settings of E-mail system.
	**Volume Control**	To raise or lower the volume
	Mute	Mute or resume sound output

	Previous /	Skip backward to the previous file / track or plays backward fast when keep pressing this button. **Note:** The Fast Backward function only supports Microsoft CD Player Windows® 98 and Microsoft CD Player Version 5.0 (under Windows® 2000).
	Play / Pause	Play file in the current track. Press again to pause.
	Stop	Stop the playing.
	Next / **Fast Forward**	Skip forward to the next file / track or plays forward fast when keep pressing this button. **Note:** The Fast Forward function only supports Microsoft CD Player Windows® 98 and Microsoft CD Player Version 5.0 (under Windows® 2000).
	Eject / Close	Eject the CD tray. Press this button again to close the tray cover.

- **ACPI Keys:**

Your keyboard has the power management “Sleep” key. It also can be called ACPI (Advanced Configuration and Power Interface) keys.

As the ACPI key is performed not completely under Windows® 98; the KeyMaestro driver provides an option to enable the ACPI keys. When the option is enabled, the driver will take Windows place to process this key.

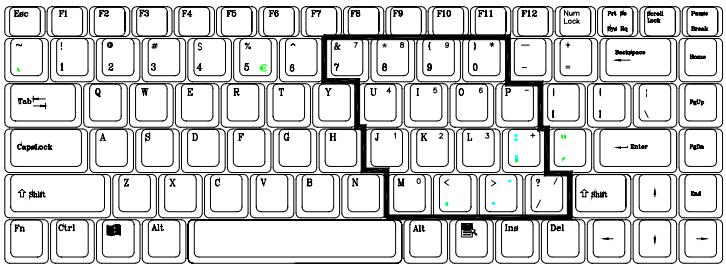
Note: For detailed information, please read the online help by right clicking the mouse on the KeyMaestro Keyboard icon in the Windows system tray and selecting Help.

	Sleep	Puts your system into sleep (power-saving) mode. Any key will wake up your system and return to the previous working status.

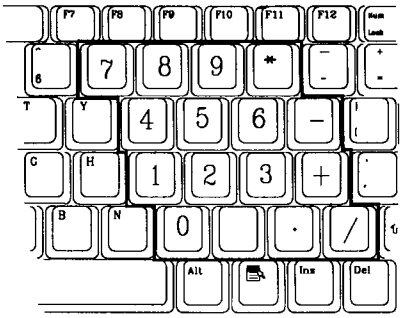
Using Embedded Numeric Keypad

The embedded numeric keypad consists of 15 keys and functions in three ways:

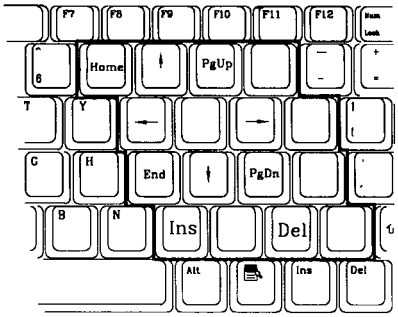
- **As a part of the main keyboard.**



- **As a numeric keypad.**



- **As a cursor movement keypad.**



There are three keys to activate the embedded numeric keypad:

1. **NumLock:** This is a toggle key. The NumLock LED indicator is default set to “Off”. When the NumLock key is pressed, the NumLock LED indicator on the system tray is lit and the embedded numeric keypad function is activated.

2. **Fn / Shift:** These two keys are used in conjunction with the NumLock key and work only when pressed.

For accessing the embedded numeric keypad, please refer to the following table:

1. When NumLock is **OFF** (default), the 15 keys of embedded numeric keypad works as a part of main keyboard. You can:

Press	To:
Fn*	Temporarily enable the cursor movement function.
***Fn** + Shift**	Temporarily enable the embedded numeric keypad, cursor movement and highlighting functions.
NumLock	Enable the embedded numeric keypad. Lights the NumLock LE indicator on the system tray.

**** Press and hold the key(s) during operation.***

2. When NumLock is **ON**, the 15 embedded numeric keypad work as a numeric keypad. You can:

Press:	To:
Fn*	Temporarily revert to the main keyboard.
***Fn** + Shift**	Temporarily enable uppercase function of the main keyboard.
NumLock	Disable the embedded numeric keypad. Turns off the NumLock LED indicator on the system tray.

**** Press and hold the key(s) during operation.***

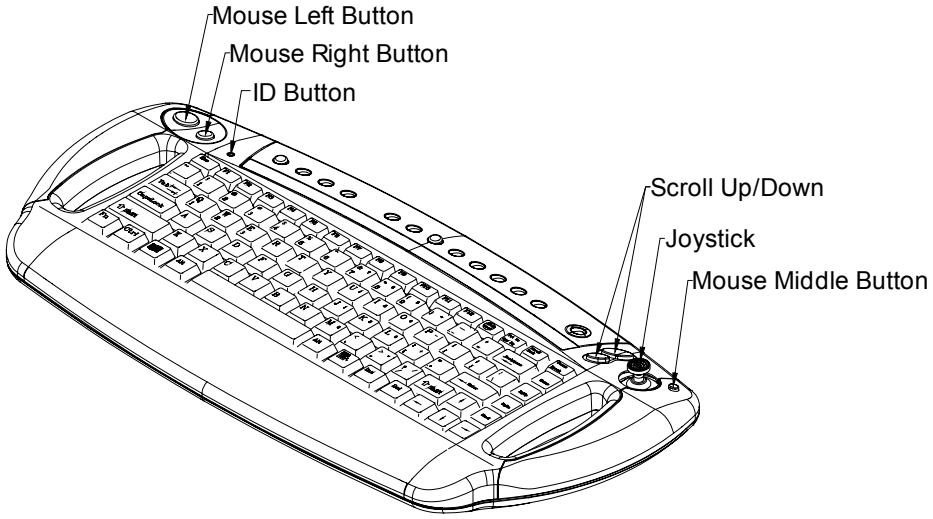
5.2 Using the Mouse

After installing the KeyMaestro Input Device Driver as described in Chapter 4, you can not only enjoy the extra functions of wireless keyboard, but can also enjoy the marvelous function of build-in mouse.

Note: ***The default function of joystick is "Mouse Function"***. If the functions can't be worked properly, please press ***"Fn + F11"*** to check the function.

5.2.1 Mouse Buttons

	Mouse Left Button
	Mouse Right Button
	Scroll Up / Scroll Down
Joy Stick	Cursor
	Mouse Middle Button / Jump Menu

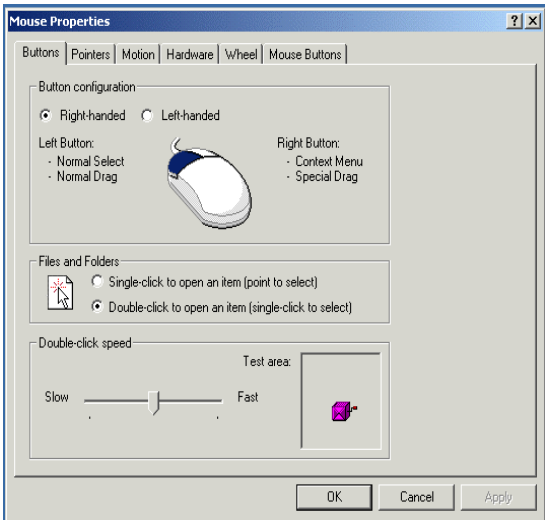


5.2.2 Mouse Function

The Mouse Control Panel (KeyMaestro Mouse Properties) window consist of the following folders:

- **Buttons folder:**

  Allow you to change Button Configuration and Double Click Speed.



- **Pointers folder:**

  Allow you to change your favorite cursor shape.

- **Wheel folder:**

  Allow you to change the speed of scroll wheel.

- **Mouse folder:**

  Allow you to change the scroll wheel function. The default of the scroll wheel (Mouse Middle Button) is “Jump”.

Jump Function Introduction

After installing the KeyMaestro Input Device Driver, you can access 3 different operation menus for Internet, Office, and Multimedia by press the mouse middle button .

Internet Menu

	Web / Home	To start your Microsoft Internet Explorer 5.0 and bring up the home page you set.
	Favorites	To select a web page from your list of favorites.
	Search	To gain access to a number of search providers.
	Mail	To open the default program you use for mail.
	Refresh	Refreshes the current Web page to make sure you have the latest Web page.
	Back	To return the last page you viewed.
	Next	To view the next page you've viewed before.
	Stop	If a page you're trying to view is taking too long to open, click this button to stop.

Multimedia Menu ⇨

	Volume Down **Volume Up**	Control the volume to down or up of your audio output of the speakers.
	Mute	Mute or resume sound output
	Previous Track	Skip backward to the previous track.
	Next Track	Skip backward to the next track.
	Play / Pause	Play file in the current track. Press again to pause.
	Stop	Stop the playing.
	Eject / Close	Eject the CD tray. Press again to close the tray cover.

Office Menu ⇨

	Word	Opens Microsoft Word.
	Excel	Opens Microsoft Excel.
	Power Point	Opens Microsoft PowerPoint.
	Calendar	Opens "Calendar" function of Microsoft Outlook Express.
	Shortcut 1 ~ Shortcut 4	This can provide you to create easy accesses to the documents and programs you use most often. ***Note:*** The default setting for Shortcut button is to launch Windows accessory program “Notepad”

5.3 Using the Joystick

5.3.1 Joystick Buttons

Default Setting:

	Button 1
	Button 2
	Button 3
	Button 4
Joy Stick	Button 5
	Button 6

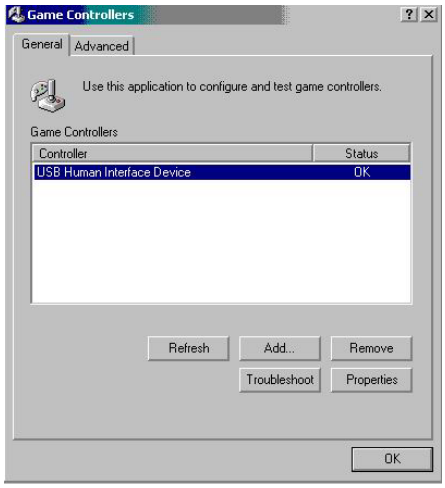
***** Note:** Besides those buttons, there will be numbers from **1~6** to show each button.*

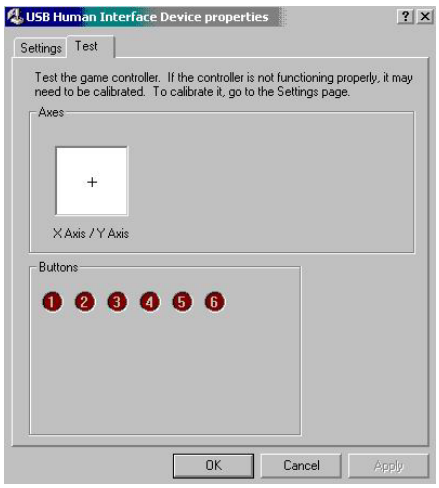
5.3.2 Joystick Functions

Specially Important:

1. **"Joystick Function" can only be used when playing computer games**. Press ***"Fn + F12*** ***"*** to switch to "Joystick Function"

2. Before starting to use the joystick, please go first to "*Start → Settings → Control Panel → Game Controllers → General → Properties → Test*" to check the axes direction and buttons are functioned well.





3. When using "Joystick function" under each computer game, all the keys default function is defined by game software, not by KeyMaestro Input Device Driver. Which means depending on each different game, you may need to modify the games configuration to take full functionality of the joystick.

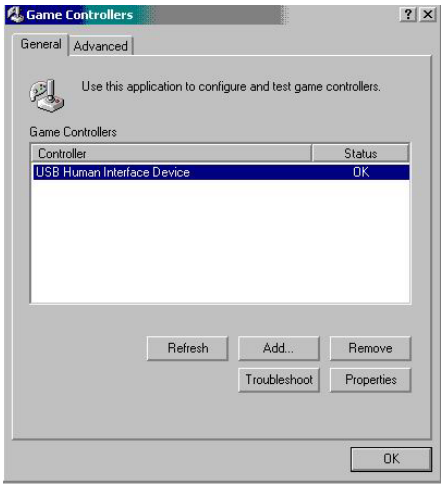
4. For more detail functionality descriptions, please refer to the game manual or the game provider.

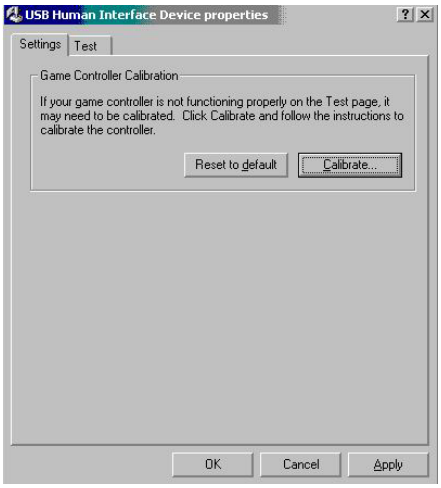
6 Troubleshooting

If you are experiencing problems with your keyboard, please check the following:

1. Take out the receiver's connector and check both the receiver's keyboard plug for possible broken pins. If the plugs appear normal then reinsert the plugs into their respective connectors on your PC.
2. Check to see if the batteries in the keyboard are installed correctly. Make sure the polarity of the batteries corresponds with the polarity signs in the battery compartment.
3. Replace the batteries to make sure the batteries are not low in power. After replacing the batteries of keyboard, please also remember to reset the ID.
4. Please remember to reset the ID when your keyboard does not work properly.
5. It is strongly recommended to place the receiver in front of the monitor in order to prevent signal disturbance from the monitor.
6. If your PC BIOS setup has options for the keyboard - make sure they are set to default settings. If you are not familiar with the BIOS, refer to your PC manual for more information.
7. If you have problems using the sleep button - make sure that the power management in your PC has been enabled both in the BIOS and in Windows. For more information on your PC BIOS settings - refer to your PC manual. For more information on how to enable the power management features in Windows, refer to your Windows manual.
8. If you have problems using the extra browser buttons and/or the special mouse functions - make sure you have installed the keyboard and mouse driver correctly as described Chapter 4 in this manual: Software Installation. Also check your hardware requirements meet those listed in this manual
9. Keep all items away from direct sunlight, moisture, dirt, extreme heat and abrasive chemical (cleaning) solutions.
10. Should the receiver, the keyboard become accidentally immersed or splashed by liquids, switch off your PC immediately, unplug all items and refer to your dealer for further assistance. In these cases please refrain from using any of the items before consulting with your dealer!

11. If you can't aim an object in a game easily, please calibrate the joystick. Go to "*Start → Settings → Control Panel → Game Controllers → General → Properties → Settings → Calibrate*"





12. When the game can't recognize the joystick and or the joystick can't be used in the game, please check the following:

    - Press ***"Fn + F12 ✣"*** again to see if the function is switched to joystick.
    - Go to "*Start → Settings → Control Panel → Game Controllers → Advanced"* to check if the joystick is assigned to ID 1. This is the default setting for almost every computer game.
    - Refer to the manual of the game software to see if there are other extra settings are needed.

If above troubleshooting suggestions still do not solve your problem then please refer to your direct dealer for technical support.