

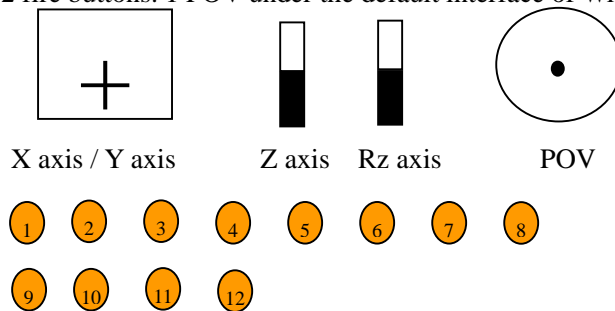
Operation Manual of USB-2222 USB 2.4GHz RF Controller

1. Brief Introduction

Thank you for purchasing our USB 2.4GHz RF controller. This controller is composed of Receiver and RF Controller with 4 axis and 12 fire buttons. this product supports Windows98/ME/2000/XP and has passed the Test of USB Telecommunication Protocol.

2. Feature

- 4 axis and 12 fire buttons. 1 POV under the default interface of Windows system:



- USB 1.1 Port, compatible with USB2.0, plug and play type
- Support Direct7.0A version and up, support most of dual vibration function
- 2.4GHz RF Technology
- Force connection function
- Key off and motor on function
- Low power consumption:
 - For USB receiver, the load current $< 15\text{mA}$
 - For RF controller (no vibration condition), the load current $< 10\text{mA}$
- Support sleeping and awakening function, the load current for RF controller under sleeping condition $< 0.4\text{mA}$
- LED indicator
- TURBO LED indicator
- Turbo speed adjustable
- LED indicator & motor power off automatically under low voltage condition

3. Function description:

1). The connection of USB-2222G wireless controller and its installation of driving program:

Program installation under Windows98/Me/Window2000/WinXP

- Enter Windows Insert disc Double click "SETUP", and install the driving program as PC indicates.
- Start Control Panel Game Controller;
- Insert the plug of USB Receiver into PC USB port install the driving program as PC indicates PC will find out "Wireless USB Joystick" driving program automatically Attribute

2). RF Controller's connection:

- Connect the USB Receiver with PC
- After loading the "RF controller" batteries, turn on the power switch, the controller and the receiver will connect automatically, thus the USB Receiver's LED light is always on.
- If the RF controller can't be connected automatically when it is used for the first time, then press FC key to make "USB Receiver" come into force connection status, at this moment, the LED light of USB Receiver is on fast flashing, press and hold the controller's key 9+key 11 simultaneously to make a re-matching for the controller.

3). Turbo operation:

- a). Key from 1 to 8 can be separately set as Turbo key.: Press and hold “Turbo + digital key”, the pressed key bears Turbo function. Press “clear + digital key” if you want to clear up the digital key’s turbo function, the key’s Turbo status information will be saved in the USB Receiver, once the USB Receiver has no electricity, the key’s Turbo status information will be lost.
- b). 3 kinds of speed-adjusting functions: Press “Turbo + key 10” to change the Turbo speed.

4). Sleeping and awakening :

As the controller’s power supply is from battery, in order to extend the battery life as far as possible, the controller will have no any key within 3 minutes and the 3D rocker has no wide range movement, then the controller will enter into sleeping status to save power. During sleeping, press any key to awaken it up , but the rocker can’t wake up the controller.

5). Motor on & off function:

Select key “ 9+12” to shut off the motor’s vibration function and press again the key “9+12” to start the motor’s vibration function.

6). Low voltage detecting:

The the battery’s voltage is lower than 3.2V ,the Link LED and Turbo LED will flash simultaneously, and will automatically estimate the motor to save battery.

7). Automatic calibration:

Shaking the left and right 3D rocker in a wide range can calibrate it automatically.

4. Batteries Installation



5. Keystroke Layout:



6. . Troubleshooting

1.) *The controller still can't work after installing the software and hardware .*

- Check whether the controller cable is strongly connected to PC;
- Make sure that the indication of the option “Game Port Controller” in the “Game Controller” in menu “Control Panel” is “Confirmation”, and “Controller ID” shows “1”.
- Make sure that controller's I/O setting value has no conflict with the other peripheral setting.
- Restart PC if the controller still cannot work.

2.) *The “Wireless USB Joystick” driving program can't be installed or there is no response while testing the controller after installation.*

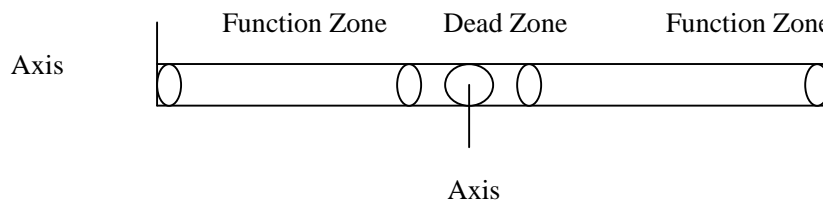
- DirectX Version is too low. A version of DirectX 7.0 or up is required

3.) *There is no vibration from motor while playing racing games.*

- Exit the game and reenter it.(Do not draw or plug the USB controller during the game operation)
- If it still cannot work normally, restart your PC.

4.) *Some analog axis can go into effect automatically after entering into the games.*

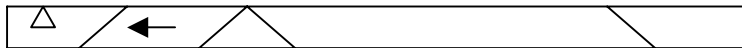
- Does the controller has no calibration or or has not been confirmed after calibrations. ?
- Enter Option — Controllers — Dead Zone to adjust the range of the dead zone to keep the axis within the range of dead zone.



5.) *The motor keeps on vibrating while playing the games.*

- Enter FORCE FEEDBACK and turn down or turn off the engine.

Engine



6.) *The intensity of the motor vibration becomes weak after entering the games.*

- Enter FORCE FEEDBACK and adjust the intensity of STICK VOLUME and ROAD EFFECTS to be stronger.

7.) *You feel it difficult to make the corrections on testing platform.*

- Press “Default” first, and then press “Set”.

8.) *There is no vibration from motor on testing platform.*

- DirectX Version is too low. A version of DirectX 7.0 or up is required.

9.) *No controller driving program can be found after plug the controller. into PC.*

- When windows requires to specify some file path during the previous Driver installation, it jumped over the file or specified wrong files.
- Solution: after inserting the device, delete the devices such as “man-machine port equipment” ,“Somatological Input Equipment”, “Hidclass” or the corresponding controller's devices with exclamation mark under the menu of” sound, video and game controller “ , then re-insert the controller and you'll find its driving program.

10.) *Does driver fails to install ?*

- Install it by copying the driver from soft disk to hard disk.
- After copying the driver from soft disk to hard disk, use WINZIP to unzip it before installation.

7. Battery Safety

- Batteries should be loaded with correct polarity
- Use the recommended batteries only
- Do not mix old & new batteries
- Do not mix Alkaline, Standard(Carbon Zinc) or rechargeable (Nickel-Cadmium) batteries
- Dispose of batteries safely & correctly
- Do not dispose of batteries in fire, otherwise batteries may explode or leak
- Remove batteries if the unit will not be used for a long period of time
- Exhausted batteries should be removed from the unit
- The supply terminals should not be short-circuited
- Non-rechargeable batteries should not be recharged

Federal Communications Commission (FCC) Statement

You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.