

2.4GHz Multimedia Keyboard and Laser Mouse Combo

User Guide

Thank you for purchasing Gemini-S9 2.4GHz Multimedia Keyboard and Laser Mouse Combo. Please read this user guide to help you using this product easily. If you have any questions, please contact us at www.ione.com.tw, www.ione-usa.com or www.ione-europe.com.

Introduction

Gemini-S9 is designed for long distance wireless operation to work or play games from your couch, easy chair or any comfortable setting in your living room or workplace. Its ergonomic design features a keyboard that rotates 360-degrees to accommodate left-handed or right-handed users and inclines with a hard surface below for the laser mouse. Plug in Gemini-S9's mini-receiver to your USB port and you can use this wireless combo without cable cluttering on your desk. The wireless operational range can reach up to 10 meters in open space depending on the radio interference in the environment.

With 10 multimedia hotkeys you can access most of the multimedia functions in just one finger. (Complex key should be two fingers) The one-touch hotkeys are taking you into your favorite multimedia activities instantly. You can play music and video, media programs, and access much more functions faster and easier exceed your imagination.

Its RF technology will automatically switch its 79 channels when it encountered radio band interference with other surrounded 2.4GHz devices such as Wi-Fi wireless LAN 802.11 a/b/g, Bluetooth, DECT digital telephone, etc. However, two units of Gemini-S9 in one room may activate simultaneously due to radio frequency band overlapping. They may switch the frequency at the same algorithms and band overlapping remains exists. Please separate each other in a distance beyond 10 meters or in two different rooms.

Gemini-S9 is equipped with **HIGH performance** laser sensor and performs high speed motion detection up to 20 inches per second and acceleration up to 8 G. The embedded 1200dpi laser resolution sensor can accurately estimate motions over a

wide range of surfaces.

Gemini-S9 will enter into rest mode when the mouse is not moving in 1 second to save the power consumption. It will enter into power-down mode after 7 seconds of rest mode, and further enter into sleep mode after 7 minutes of power-down mode for minimum power consumption. It will wake up instantly into normal mode when moving is detected.

For using in the USB environment of Win ME/2000/XP/VISTA, Gemini-S9 does not require any driver. Just plug and play. You can enjoy this convenient device.

Features

- Modern and fashion industrial design for living room usage
- 2.4GHz RF technology with 79 channels and 11 ID per channel
- Wireless operational range can reach up to 10 meters in open space
- Tilt keyboard design with turning plate for both right and left hander
- Compact size keyboard with 13 MCE hotkeys (10 compound MCE hotkeys)
- Super slim keypad with scissor-type keycaps
- 3-button laser mouse with scroll wheel
- 1200 dpi resolution with motion detection on acceleration of 8G
- High-speed motion detection of 20 inches/sec
- Low power consumption as low as 16mA on working mode
- Self adjusting 4-step power saving function with power on/off button
- Battery duration: 4 months (Typical usage*)
- Battery low indicator

Package Content:

1. 2.4GHz Wireless Laser Mouse
2. 2.4GHz Wireless MCE Keyboard
3. Dongle Receiver
4. 4 *AA Batteries
5. User's Guide

Hardware Installation

Step1: Insert 2 AA batteries into the battery compartment with correct polarity.

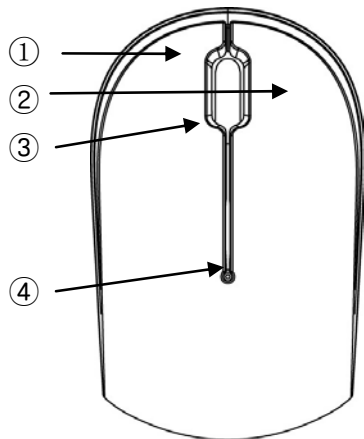
Step2: Please refer to the +, - diagram inside the battery compartment.

Step3: Turn on your computer and plug the dongle receiver into a USB port of your computer.

Step4: Your computer will detect this USB device automatically.

Key definition










Mouse



1. Left Click
2. Right Click
3. Scroll Wheel Button
4. Battery Low Indicator

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Keyboard

 Mute	Mute volume output temporarily	
 Volume Down	Turn volume down	
 Volume Up	Turn volume up	
Compound Key of MCE (Press with “ Fn ” key)		
F1 – Start	Media Center Launch Key	Start Media Center or go to Start menu
F2 - 	My Music	Go to My Music
F3 - 	My Photos	Go to My Picture/Photos
F4 - 	My Video	Go to My Videos.
F5 - 	My TV	Go to My TV
F6 - 	DVD Menu	Display the DVD menu
F7 - 	Play/Pause	Play or pause CD/VCD/DVD player

F8 - ■	Stop	Stop Playing current media
F9 - ⏮	Previous Track	Instruct the CD/VCD/DVD player to the previous track
F10 - ⏭	Next track	Instruct the CD/VCD/DVD player to the next track

ID Setting

The product has been pre-set and the mouse, keyboard and dongle receiver are already paired. It is not necessary to do the ID setting when you use Gemini-S9 for the first time. However, the connection may be lost due to RF interference of environment. Hence, it may be necessary to re-set the connection ID. Please follow the process below for the ID setting.

Mouse:

Step 1: Plug the dongle receiver into your computer. For the best performance, please plug the dongle receiver into the front USB port of your computer, or use the USB extension cable to place the dongle receiver 20cm away from monitor, speaker, power supply, USB hub and other RF interference sources.



Step 2: Press the connect button on the dongle receiver. The LED will start to blink.

Step 3: Press the connect button on the bottom of the Wireless Mouse within 8 seconds after Step 2.

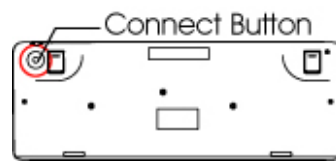
Step 4: The LED on the dongle receiver will blink faster for few seconds. This means that ID setting is completed.

Note: 1. If the Wireless Mouse does not work properly, please go back to step 2.
2. If the ID is used by other users or devices, please go back to step 2.

Keyboard

Step 5: Press the connect button on the dongle receiver. The LED will start to blink.

Step 6: Press the Connect button located on the back of the wireless keyboard within 8 seconds after Step 5.



Step 7: The LED on the dongle receiver will blink faster for few seconds. This means that ID setting is completed.

Note: 1. If the Wireless Keyboard does not work properly, please go back to step 5.
2. If the ID is used by other users or devices, please go back to step 5.

Reminder: For optimal performance, please place the dongle receiver 20cm away from other RF interference devices such as computer monitors and speakers.

Now, Enjoy and Have a Fun!!!

TROUBLE SHOOTING GUIDE

Symptom	Possible Reason	Remedy
The LED of dongle receiver does not light or blink when the dongle receiver is plugged into USB port of the computer	The computer is off or the USB port is without power supply	Turn on your computer or plug into a USB port with power supply
The LED of dongle receiver does not light or blink when the mouse is moving.	The ID is lost or the distance is beyond RF transmitting range	Follow the above ID setting procedure, or move the mouse closer to the dongle receiver until the LED blinks, when you move the mouse.
The mouse cursor on the screen does not move smoothly	Radio frequency is interfered or the distance is beyond RF transmitting range	Move the mouse closer to the dongle receiver until the mouse cursor move smoothly.
The red LED of battery low indicator in front of scroll wheel is lit.	Battery power is low	Change new batteries.

The mouse cursor is moving without moving the mouse	Frequency overlapping by other 2.4GHz mouse devices in the neighborhood	Follow the above ID setting procedure to change ID or move each other apart up to the distance the overlapping is disappeared.
Further questions.		Please send an email to ione@ione.com.tw , info@ione-europe.com or support@ione-usa.com

WARNING

Note: This equipment has been tested and found to comply with the limits for a

Class B device, pursuant to Part 15 of 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.

Notice:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.