

2.4GHz Wireless Optical Mouse

User Guide

Thank you for purchasing Lynx-R7 2.4GHz Wireless Optical Mouse. Please read this user guide to help you using this product easily. If you have any questions, please contact us at the website www.ione.com.tw, www.ione-usa.com or www.itron-europe.com.

Introduction

Lynx-R7 is designed for long distance wireless operation of desktop personal computer. Plug in Lynx-R7's mini-receiver to your USB port and you can use this wireless mouse 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.

Its two-way RF technology will automatically switch its 48 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 Lynx-R7 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.

Lynx-R7 is equipped with high performance CMOS process optical sensor and performs high speed motion detection up to 37 inches per second and acceleration up to 20 G. The embedded 800dpi optical resolution sensor can accurately estimate motions over a wide range of surfaces.

Lynx-R7 will enter into sleep mode when the mouse is not moving in one second to save the power consumption. It will further enter into power-down mode after 1 minute of sleep mode for minimum power consumption. It will wake up instantly into normal mode when moving is detected.

For using in Win 98/ME/2000/XP/2003 server and Office 97/2000/XP/WinXp64 bits USB environment Lynx-R7 does not require any driver. Just plug and play. You

can enjoy this convenient device.

Feature

- Fashion and modern design
- 5-button optical mouse with scroll wheel
- Two-way 2.4GHz RF technology with 48 channels
- 800 dpi optical resolution with motion detection up to 37 inches/sec and acceleration up to 20G
- Wireless operational range can reach up to 10 meters in open space
- Low power consumption with smart power saving function
- Battery low indicator in front of scroll wheel

Package Contents:

1. 2.4GHz Wireless Optical Mouse
2. Dongle Receiver
3. 2 AA Batteries
4. 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.

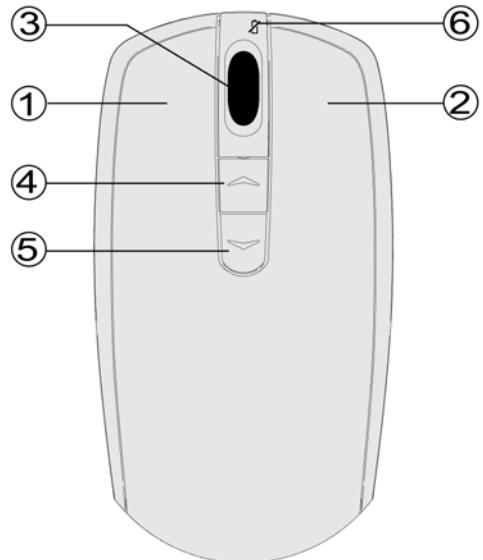
Software Setup:

The mouse does NOT require a driver. However, we offer software to configure the scroll wheel button and provide self-defined 9 shortcuts for various applications and files. This Magic-Pop-Up function (Scroll Wheel Button software) can be downloaded from our website www.ione.com.tw or www.itron-europe.com.

Key definition

1. Left Click
2. Right Click

L



3. Scroll Wheel Button

4. Previous Web Page

5. Next Web Page

6. Battery Low Indicator

ID Setting

The product has been pre-set and the mouse and dongle receiver are already paired.

It is not necessary to do the ID setting when you use the mouse 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.



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.

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 or support@itron-europe.com

Federal Communication Commission Interference Statement

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 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.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this 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.

The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.