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› [SUNGOOYUE Optical Pocket Pen Mouse \(Model: SUNGOOYUEm7u4nkzwr2\) User Manual](#)

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SUNGOOYUE Optical Pocket Pen Mouse User Manual

Model: SUNGOOYUEm7u4nkzwr2

1. INTRODUCTION

Thank you for purchasing the SUNGOOYUE Optical Pocket Pen Mouse. This device offers a unique and ergonomic design, combining the functionality of a traditional mouse with the comfort and precision of a pen. It supports dual-mode connectivity (2.4GHz wireless and Bluetooth) for versatile use across various devices. Please read this manual carefully to ensure proper setup, operation, and maintenance of your new pen mouse.

Wireless Mouse Pen

The wireless mouse pen adopts the ergonomic design, effectively reduces the pressure when the button is triggered, feel comfortable and not easy to produce fatigue.



Image: The SUNGOOYUE Optical Pocket Pen Mouse held comfortably in a user's hand, highlighting its ergonomic design for reduced fatigue during use.

2. PRODUCT OVERVIEW

2.1 Key Features

- **Ergonomic Pen-Shaped Design:** Reduces hand pressure and fatigue during extended use.
- **Dual-Mode Connectivity:** Supports 2.4GHz wireless via USB receiver and Bluetooth for broad compatibility.
- **1200 DPI Optical Tracking:** Provides precise and responsive cursor control.
- **4 Buttons:** Includes left-click, right-click, scroll wheel (also a middle button), and DPI adjustment button.
- **Rechargeable Battery:** Built-in 200mAh lithium battery for convenient, eco-friendly charging via USB-C.
- **Portable:** Compact and lightweight, ideal for travel and on-the-go use.

2.2 What's in the Box

- 1 x SUNGOOYUE Optical Pocket Pen Mouse
- 1 x USB Cable (Type-C)

- 1 x 2.4G USB Receiver
- 1 x User Manual



Image: A detailed diagram of the pen mouse, pointing out its various components including the left and right click buttons, scroll wheel, Type-C charging port, power switch, and optical sensor.

Video: An official product video demonstrating the features and handling of the Optical Pocket Pen Mouse.

3. SETUP INSTRUCTIONS

3.1 Charging the Pen Mouse

Before first use, or when the battery is low, charge the pen mouse using the provided USB Type-C cable. Connect the Type-C end to the mouse's charging port and the USB-A end to a power source (e.g., computer USB port, USB wall adapter). The indicator light will show charging status and turn off when fully charged.

Optical Pen Mouse

The handwriting mouse built in 200 mAh large capacity rechargeable lithium battery, recyclable charging, environmental protection and convenient.



Image: The pen mouse shown alongside a recycling symbol, emphasizing its built-in 200mAh rechargeable lithium battery for environmental protection and convenience.

3.2 Connecting via 2.4GHz Wireless (USB Receiver)

1. Locate the 2.4G USB receiver, usually stored inside the pen mouse's cap or body.
2. Plug the USB receiver into an available USB port on your computer or laptop.
3. Turn on the pen mouse using the power switch.
4. The device should automatically connect. No additional drivers are typically required.



2.4GHz wireless connection technology

Wireless transmission, transmission distance up to 10 meters or more

Image: A close-up view of the pen mouse, illustrating its 2.4GHz wireless connection technology, which allows for a transmission distance of up to 10 meters or more.

3.3 Connecting via Bluetooth

1. Ensure the pen mouse is charged and turned on.
2. On your device (PC, laptop, Android smartphone), go to Bluetooth settings.
3. Search for new Bluetooth devices. The pen mouse should appear in the list.
4. Select the pen mouse to pair. Follow any on-screen prompts to complete the pairing process.
5. **Note:** This pen mouse does not support iOS devices.

Video: A seller-provided video demonstrating the Bluetooth pairing process for a pen mouse.

4. OPERATING INSTRUCTIONS

4.1 Basic Functions

- **Movement:** Hold the pen mouse like a pen and move it across a surface. The optical sensor tracks movement for cursor control.

- **Left Click:** Press the primary button located on the side of the pen mouse.
- **Right Click:** Press the secondary button, typically located near the left-click button.
- **Scroll Wheel/Middle Button:** Roll the wheel to scroll up or down. Press the wheel for middle-click functionality.

Handwriting Mouse

The wireless mouse pen uses optical sensor tracking technology, accurate movement, high sensitivity, coherent writing, quick response and no delay.



Image: A close-up of the pen mouse's optical sensor, showing the red light indicating active tracking. This illustrates the high sensitivity and accurate movement provided by the optical tracking technology.

4.2 DPI Adjustment

The pen mouse features a DPI adjustment button (often located near the scroll wheel). Press this button to cycle through different DPI settings (e.g., 1200 DPI) to adjust cursor sensitivity to your preference. A higher DPI means faster cursor movement with less physical movement of the mouse.

4.3 Dual Mode Functionality

The pen mouse supports both desktop mode and air mode. This allows for flexible usage, whether you are working on a flat surface or using it as a pointer in the air, which can be particularly useful for presentations or drawing applications like CAD.

Pocket Pen Mouse

The mouse pen has two modes, can switch between desktop mode and air mode, with a middle button function, suitable for drawing CAD people.



Image: Two pen mice on a desk, illustrating their compact 'pocket pen' design and highlighting their dual-mode functionality for both desktop and air use, suitable for tasks like CAD drawing.

Video: A seller-provided video showcasing the product details and various features of the pen mouse.

Video: A seller-provided video demonstrating the functionality of the Wireless Optical Mouse Pen.

5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the pen mouse. Avoid using harsh chemicals or abrasive materials.
- **Storage:** When not in use, store the pen mouse in a cool, dry place. Ensure the USB receiver is securely stored within the mouse body to prevent loss.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Charge the device regularly.

6. TROUBLESHOOTING

- **Mouse not responding:**

- Ensure the pen mouse is turned on.
- Check battery level and charge if necessary.
- For 2.4GHz mode, ensure the USB receiver is properly plugged in.
- For Bluetooth mode, ensure Bluetooth is enabled on your device and the mouse is paired. Try re-pairing if connection is lost.

- **Cursor movement is erratic:**

- Clean the optical sensor area.
- Ensure you are using the mouse on a suitable, non-reflective surface.
- Adjust the DPI setting to a lower sensitivity if movement is too fast.

- **Cannot connect to iOS devices:**

- This pen mouse does not support iOS. Please use with compatible operating systems like Windows, macOS, or Android.

7. SPECIFICATIONS

Feature	Specification
Item Type	Mouse Pen
Material	ABS
DPI	1200
Number of Buttons	4
Wireless Carrier Frequency	2402MHz-2480MHz
Wireless Working Channels	16, Automatic Frequency Hopping
Rated Operational Voltage	3V
Tracking Systems	Optics
Rated Operational Current	15mA
Maximum Acceleration	14 Inches per Second
Battery Type	Lithium Battery
Battery Capacity	200mAh (Included)
Connectivity Technology	Bluetooth, USB, Wireless (2.4GHz)
Dimensions	6.73 x 1.93 x 1.14 inches
Weight	2.64 ounces

8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the contact details provided on the product packaging or the official SUNGOOYUE website. Keep your purchase receipt for warranty claims.

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