

无线鼠标说明书

一、流沙魅力，独特工艺

当您第一眼看到这款无线鼠标，便会被其内部如梦幻般流动的沙粒所吸引。我们采用创新的注油工艺，精心打造出这一令人叹为观止的流沙效果。每一次移动鼠标，内部细腻的沙粒随之灵动闪烁，仿佛将星辰大海握于掌心，为您带来前所未有的视觉盛宴。它不仅仅是一款普通的鼠标，更是一件融合了科技与艺术的桌面摆件，为您的工作与娱乐环境增添独特的魅力与个性。

二、性能卓越，稳定运行

- 优化功率传输：**在保证信号强度的同时，合理控制能耗，实现较远的传输距离，满足您在不同场景下的使用需求，无论是在办公室的大桌面，还是在客厅的远距离操控，都能轻松应对。
- 精准晶振支持：**外接 16M 晶振，为芯片提供精准的时钟信号，使设备始终保持稳定运行，确保每一次操作响应的一致性与及时性，杜绝卡顿与延迟。
- 可靠天线设计：**采用 PCB 板载天线，设计紧凑且性能可靠，优化信号的接收与发送，进一步增强无线连接的稳定性，让您摆脱线缆束缚的同时，享受稳定高效的无线操控。
- 稳定供电系统：**由锂电池供电，经 XT1861 稳压至 3.3V，为鼠标的各个部件提供持续、稳定的电源，保障长时间的高效使用，一次充电，即可满足您长时间的工作与娱乐需求。
- 丰富功能电路：**配备 4 个功能按键，您可根据自己的使用习惯进行自定义设置，实现多种便捷操作；集成 1 个高精度光电传感器，能够敏锐捕捉每一次鼠标的移动轨迹，让光标定位精准无误；通过滚轮编码器 ad 检测，实现精准的滚轮操作反馈，无论是浏览长文档还是缩放页面，都能操作顺滑流畅，满足您多样化的操作需求。
- 优质射频电路：**射频电路配有 π 型滤波电路，有效滤除射频干扰，提升信号质量，确保数据传输的准确性，为您的操作提供坚实稳定的信号支持。

三、便捷操作，轻松上手

（一）接收器安装

将接收器轻松插入电脑的 USB 接口，大多数系统会自动识别并安装驱动程序，无需您手动干预，真正实现即插即用，让您迅速开启无线操控之旅。

（二）鼠标启动

打开鼠标底部的电源开关，鼠标将自动与接收器进行配对连接。连接成功后，鼠标指示灯常亮，此时您就可以尽情享受无线鼠标带来的便捷操控体验。

（三）日常操作

1. **移动操作：**移动鼠标时，内部的光电传感器会实时捕捉移动轨迹，并通过无线信号快速传输至接收器，从而精准控制电脑屏幕上光标的移动，定位精准、响应迅速，让您的每一次操作都能得到及时反馈。
1. **点击操作：**按下鼠标上的 4 个按键，可轻松实现左键单击、右键单击、双击等常用操作，满足您在办公、浏览网页、游戏等多种场景下的需求，操作简单直观。
1. **滚轮操作：**滚动滚轮，滚轮编码器 ad 检测会将信号迅速传输至电脑，实现页面的上下滚动、文档的缩放等功能，操作顺滑流畅，为您的日常使用带来极大便利。

四、悉心维护，长久陪伴

1. **使用环境注意：**请避免在强电磁干扰环境下使用鼠标，例如微波炉、无绳电话等设备附近，这些环境可能会影响信号传输，导致操作延迟或不稳定，为了您能获得最佳使用体验，请选择适宜的使用环境。
1. **电量提示与充电：**当鼠标电量不足时，鼠标指示灯会开始闪烁，此时请及时使用配套充电线为鼠标充电，确保您的使用不受中断。请使用正规充电器，以保证充电安全与电池寿命。
1. **节能设置建议：**若长时间不使用鼠标，建议关闭电源开关，以节省电量，延长电池使用寿命，让鼠标随时保持最佳状态，为您的下一次使用做好准备。
1. **禁止自行拆解：**请勿自行拆解鼠标，若鼠标出现故障，请联系专业售后人员进行维修。同时，要注意避免碰撞或摔落鼠标，防止破坏内部独特的流沙结构，影响其美观与正常使用。若不慎损坏，可能会导致流沙效果受损或鼠标无法正常工作。

Wireless Mouse Instruction Manual

I. Flowing – Sand Charm, Unique Craftsmanship

The moment you first lay your eyes on this wireless mouse, you'll be captivated by the dreamy flowing sand grains inside. We've adopted an innovative oil – filling process to meticulously create this stunning flowing – sand effect. Each time you move the mouse, the delicate sand grains inside twinkle vividly, as if you hold the starry sea in your palm, bringing you an unprecedented visual feast. It's not just an ordinary mouse; it's a desktop ornament that combines technology and art, adding a unique charm and personality to your work and entertainment environment.

II. Excellent Performance, Stable Operation

1. **Optimized Power Transmission:** while ensuring signal strength, it reasonably controls energy consumption, achieving a relatively long transmission distance to meet your usage needs in

different scenarios. Whether on a large office desk or for long - distance control in the living room, it can handle it easily.

1. **Precise Crystal Oscillator Support:** An external 16M crystal oscillator provides an accurate clock signal for the chip, keeping the device running stably all the time, ensuring the consistency and timeliness of every operation response, eliminating 卡顿 and delays.
1. **Reliable Antenna Design:** Adopting a PCB - on - board antenna, with a compact and reliable design, it optimizes signal reception and transmission, further enhancing the stability of the wireless connection. While getting rid of cable constraints, you can enjoy stable and efficient wireless control.
1. **Stable Power Supply System:** Powered by a lithium - ion battery, regulated to 3.3V by XT1861, it provides a continuous and stable power supply for all components of the mouse, ensuring long - term and efficient use. One charge can meet your long - term work and entertainment needs.
1. **Rich Function Circuit:** Equipped with 4 function buttons that you can customize according to your usage habits for various convenient operations; integrated with 1 high - precision photoelectric sensor that can keenly capture every movement trajectory of the mouse, making cursor positioning accurate; through the roller encoder ad detection, it realizes accurate feedback of roller operations. Whether browsing long documents or zooming pages, the operation is smooth and fluent, meeting your diverse operation needs.
1. **High - Quality RF Circuit:** The RF circuit is equipped with a π - type filter circuit, effectively filtering RF interference and improving signal quality to ensure the accuracy of data transmission, providing a solid and stable signal support for your operations.

III. Convenient Operation, Easy to Get Started

(I) Receiver Installation

Insert the receiver easily into the USB interface of the computer. Most systems will automatically recognize and install the driver without your manual intervention, truly realizing plug - and - play, allowing you to quickly start your wireless control journey.

(II) Mouse Startup

Turn on the power switch at the bottom of the mouse, and the mouse will automatically pair with the receiver. After a successful connection, the mouse indicator light remains on, and then you can fully enjoy the convenient control experience brought by the wireless mouse.

(III) Daily Operations

1. **Moving Operation:** When moving the mouse, the internal photoelectric sensor will capture the movement trajectory in real - time and quickly transmit it to the receiver through a wireless signal, thereby precisely controlling the movement of the cursor on the computer screen. The positioning is accurate and the response is rapid, ensuring that every operation of yours gets a timely feedback.
1. **Clicking Operation:** Press the 4 buttons on the mouse to easily achieve common operations such as left - click, right - click, and double - click, meeting your needs in various scenarios such as office work, web browsing, and gaming. The operation is simple and intuitive.
1. **Scrolling Operation:** Scroll the roller, and the roller encoder and detection will quickly transmit the signal to the computer, realizing functions such as page up - and - down scrolling and document zooming. The operation is smooth and fluent, bringing great convenience to your daily use.

IV. Careful Maintenance, Long - Term Companionship

1. **Attention to the Usage Environment:** Please avoid using the mouse in a strong electromagnetic interference environment, such as near a microwave oven or cordless phone. These environments may affect signal transmission, resulting in operation delays or instability. For the best user experience, please choose a suitable usage environment.
1. **Battery Indicator and Charging:** When the mouse battery is low, the mouse indicator light will start to flash. Please charge the mouse in time using the matching charging cable to ensure your use is not interrupted. Please use a regular charger to ensure charging safety and battery life.
1. **Suggestions for Energy - Saving Settings:** If you do not use the mouse for a long time, it is recommended to turn off the power switch to save power and extend the battery life, keeping the mouse in the best condition at all times, preparing for your next use.
1. **Forbidden Self - Disassembly:** Do not disassemble the mouse by yourself. If the mouse malfunctions, please contact professional after - sales personnel for repair. At the same time, pay attention to avoid colliding or dropping the mouse to prevent damage to the internal unique flowing - sand structure, affecting its appearance and normal use. If accidentally damaged, it may cause the flowing - sand effect to be damaged or the mouse to malfunction.

FCC Warning

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.

NOTE 1: 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.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.