

## 1. Feature

- Can enjoy smooth and precise performance
  - No need to use mouse pad. it can be used on most of surface
  - Optical movement without a ball, eliminates moving components and dust accumulation
  - Long life time
  - CMOS Sensor and DSP will provide precise movement more than 800CPI.
  - Scroll wheel let you scroll up and down without using the scrollbars through Windows and the Internet
  - Freedom of Line: Our 27M RF Technology can give you freedom of line.
- ※Notice : The optical sensor will not properly work on highly reflective surfaces, such as glass or mirrors.

## User's Guide

### 1. System Requirement

Windows98, 2000, ME , Xp  
HDD : 10MB or more

### 2. Connect the Mouse

- 1) Turn on your computer
- 2) You can connect the mouse receiver to USB port on your computer
- 3) Follow the on-screen instructions

### 3. Software Installation

- 1) Insert the Samsung Wireless Optical Wheel Mouse Software CD.
- 2) Double-click 'setup.exe' file.
- 3) Follow the instruction on the screen

### 4. Trouble Shooting

- 1) When the mouse does not work
  1. Make sure mouse is properly connected
  2. Make sure there are no device conflicts in your computer.

To do this:

3. Open the 'control panel' from 'My computer'.
  4. Run 'System' icon, and select the 'Device Manager' folder
  5. Point to item list under the 'Mouse' icon.
  6. Press the 'Remove' button to remove the other Mouse Driver.
  7. Re-install the Samsung Optical Wheel Mouse Driver.
- 2) The Screen Curser Does not Track Well
- If your Tabletop is highly reflective surface, such as glass or mirrors, please try to use normal mouse pad or different tabletop surface.

#### 5. Dear Customer

Thank you for purchasing the Samsung product which has been designed and manufactured to the world-leading level of quality.

If something should go wrong with this product Samsung guarantees free of charge labor and replacement parts irrespective of the country where it is repaired during a period of 12 months from the date of purchase. This international Samsung Guarantee complements the existing national guarantee obligations to you of dealers and Samsung in the country of purchase and does not affect your statutory rights as customer.

The Samsung guarantee applies provided the product is handled properly for its intended use, in accordance with its operating instructions and upon presentation of the original invoice or cash receipt, indicating the date of purchase, dealer's name and model and production number of the product.

The Samsung Guarantee may not apply if:

- the documents have been altered in any way or made illegible;
- the model or production number on the product has been altered, deleted, removed or made illegible;
- repairs or product modifications and alterations have been executed by unauthorized service organizations or persons;
- damage is caused by accidents including but not limited to lightning, water or fire, misuse or neglect.

Please note that the product is not defective under this guarantee in the case where modifications become necessary in order for the product to comply with local or national technical standards which apply in countries for which the product was not originally designed and/or manufactured. Therefore always check whether a product can be used in a specific country.

In case your Samsung product is not working correctly or is defective, please contact your Samsung dealer. In the event you require service whilst in another country a dealer address can be given to you by the closest business branch of Samsung Electro-Mechanics, the telephone and fax number of which can be found in the relevant part of this booklet.

In order to avoid unnecessary inconvenience, we advise you to read the operating instructions carefully before contacting your dealer. If you have questions your dealer cannot answer or any related questions please contact us by e-mail through [www.sem.samsung.com](http://www.sem.samsung.com)

### **Your Samsung Warranty**

Thank for purchasing a Samsung Optical Wheel Mouse! This product is designed to offer high quality performance, ease to use and installation.

Product	
Samsung Optical Wheel Mouse	12 months

If you have any questions or problems, please check Samsung's web site, as described in below before you contact us as you may find the answer already there. Should you come across any more difficulty during installation or use, before you contact Samsung Technical Support, please prepare the following information so that we can solve your problem quickly.

Purchase date & Country	
Name	
Address	
Postal code & City	
Country	
Telephone & Fax	
E-mail address	
Model#	

PC environment	Processor, Memory, Software etc.
Description of Problem(s)	

Web site : <http://www.sem.samsung.com>

### **International Standards and Safety**

User-observable light is 15 microwatts in normal operation.

This mouse is rated as a commercial product for operation at 0°C to 40°C

This product has been tested to comply with International Standard

IEC 825-1:1993

The standard requires the follow statement;

Caution : Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

This device complies with CE rule

#### **CAUTION**

**Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user`s authority to operate the equipment**

Notice: 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 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.

# Samsung Wireless Optical Mouse SPEC

## 1. Transmitter SPEC

ITEM	Contents	Remarks
Sensing	X,Y: Optical Image Sensor Z: Photo-interrupt	Agilent 2030 Sensor
Resolution	800DPI	Depend on MCU firmware
<b>Input Power</b>	3.0V ~ 3.6V	
Current Consumption	Transmitter Active mode: 27mA Max Standby mode 1단계: 3.65mA Max 2단계: 1.0mAMax 3단계: 0.17mAMax  <b>RF only: 5mA Max</b>	
Battery	1.5V Alkaline Battery 2EA	
Battery Life	At least 3months(Alkaline)	
Button	4-Button	
Wheel Type	Photo Interrupt	
<b>Operation Distance</b>	<b>2m</b>	
<b>Antenna Method</b>	<b>PCB Pattern +</b>	
<b>Communication Method</b>	<b>One way</b>	
<b>RF Frequency</b>	<b>One channel 27.045MHz</b>	
<b>Modulation</b>	<b>FSK</b>	
<b>Deviation</b>	<b>7Khz</b>	
<b>Max Power</b>	<b>-18dBm@conduction</b>	
Operating Temperature	-5℃~50℃, RH10%~RH90%	
Storage Temperature	-20℃~60℃, RH10%~RH90%	

## 2. Receiver SPEC

Item	Contents	Remarks
Input Power	4.5V~5.5V	
Input Current	100mA Max	
Interface with PC	USB	
RF Frequency	26.590MHz	
Antenna Method	PCB Pattern	