

# MOUSEYKEY MANUAL

*Prohid Device*

Handy Intelligence Systems Inc.



## Intelligence Device

The countrys first of its kind that combines the functions of a keyboard and a mouse into one integrated system of new technology, the product features an ergonomic design and convenience for use.

The microprocessor unit (MPU), the worlds first that was introduced by Aron Digital, has mounted a HIDS 2001, a state-of-the-art semiconductor element which features mouse and keyboard controlling functions and a USB interfacing function. An optical mouse with built-in photo element of an advanced level, integrated with a keyboard of a state-of-the-art digital type, makes it possible to read the motion of the light generated and reflected from the element (emitted 1,500 times a second), and activate the mouse point.

Unlike existing ball mice characterized by poor performance when dust has gathered or the ball has worn out, Mouskey saves the trouble of cleaning up periodically, while featuring a superb level of accuracy.

The state-of-the-art photo element mounted on Mousekey makes it possible to be used for virtually anywhere (on books, palms, blue jeans) except for glass, given that the light is reflected and a flat mouse pad is provided.

## ■ Features

The superior precision optical sensor (DSP Chip) is mounted to operate. It is based on optical navigation technology that measures change in position by optically acquiring sequential surface images and mathematically determining the direction and magnitude of movement.

The sensor is mounted in a plastic package specially designed to provide superior precision and smooth navigation. Resolution is specified as 400cip at rates of motion up to 12 inches per second and it offers USB interface.

The Mousekey offers over 400dpi display and is able to navigate with over 50,000 hours up to 80,000 hours maximumly.

The 25 keys designed in particular to input English and Korean, achieve its own purpose quick input as well.

1. Optical Navigation Technology

- Superior precision and smooth navigation optimized for desktop and portable mouse applications.
- No mechanical parts, provides high reliability and needs no maintenance.

2. Standard 3 button

- Easy implementation and design flexibility

3. High Speed motion detection

- Accurately measures up to 12 inches per second at 400 cpi

4. Accurate Navigation over a wide range of surfaces

- Enables mouse to be used with or without a mouse pad

5. Power conservation mode during no motion

- Requires no precision optical alignment

6. Applications

- computer mice for desktop PCs, workstations and portable computers

7. Integrated Input device

- Integrated input device, combined mouse function and keyboard function.

## ■ How to install

Mousekey is applicable to standard PCs equipped USB interface. It requires no unique drives, just impale to USBport or use USB Hub to connect USB port with mousekey. Enjoy mousekey with easy connection.

\*Recommending System

Windows 98 /98SE /2000/ Me

Mac 8.6 or High O/S

Intel Pentium

## ■ Outline

Mousekey implements mouse and keyboard functions. Without unique drivers, it can be used such as traditional mice. Normal operation is confirmed by red light on the bottom and the rare.

\*Mousekey implementation

☐ Mouse function

☐ Keyboard function

1) NumLock Mode

2) Korean Mode

3) English mode

## ■ How to Use

Mousekey has function as follows

- Mouse function
- Keyboard function :1)Num Lock Mode

2)English Mode


3)Korean Mode

### 1.Usage of Mouse

- Left key: Set block up or Move
- Right key: Select
- Wheel : accurate motion up and down
- Wheel pressed: automatic scroll operation by handling mice in once.



## 2. Usage of Keyboard




 Num Lock Mode : Calculator

 Num Lock Mode :

Light on by one click Num Lock key

Light off by other one Click and canceled  
Num Lock mode

 : Arithmetic 

 : Arithmetic  

 : Arithmetic 


 : C/CE (Cancel)


한/영 : Desimal point (.)

Special function key


 : Minimize


 : Restoration


 : Undo (Exit).




 : Up

  : Left, Right

 : Down

 : Shift: Set block up and use other key

 : Tab

 ,  , 



## ■ Korean Mode

### 1) Single key

ㄱ, ㄴ, ㄷ, ㄹ, ㅁ, ㅂ, ㅅ, ㅇ, ㅈ, ㅊ, ㅋ

### 2) Synchronosely click Two keys

ㅌ, ㅍ, ㅊ, ㅌ, ㅍ, ㅍ, @, ₩, [F4], [Tab], [F4]

### 3) Synchronosely click Up & Down key

ㅅ, ㅈ, ㅊ, ㅌ, ㅍ, ㅍ, ㅍ, ㅍ

\* Set Korean/English mode of Keyboard with Mouse.

If it is different between keyboard mode and the mode, please click the Korean/English key on Keyboard.

"ㄱ" input : [F4] click

"ㄴ" input : [F4] click

"ㄷ" input : [F4] click




"ㄹ" input : [F4] click

"ㅁ" input : [F4] click

"ㅂ" input : [F4] click

"ㅅ" input : [F4] click

"ㅇ" input : [F4] click

"ス" input : ⊗ click  
 "ㇿ" input : ⊗ ⊗ synchronosely Click two keys  
 "ㇾ" input : ⊗  synchronosely Click two keys  
 "ㇼ" input : ⊗ ⊗ synchronosely Click two keys  
 "ㇻ" input : ⊗ click  
 "ㇺ" input : ⊗ click  
 "ㇹ" input : ⊗ ⊗ synchronosely Click two keys  
 "ㇸ" input : ⊗ ⊗ synchronosely Click two keys  
 "ㇷ" input : ⊗ ⊗ synchronosely Click two keys  
 "ㇶ" input : ⊗ ⊗ synchronosely Click two keys  
 "ㇵ"input : ⊗ ⊗ synchronosely Click two keys  
 "ㇴ"input : ⊗ ⊗ synchronosely Click two keys  
 "ㇳ" input : ⊗ ⊗ synchronosely Click two keys  
 "ㇲ" input : ⊗ ⊗ synchronosely Click two keys  
 "ㇱ" input : ⊗ ⊗ synchronosely Click two keys  
 "ㇰ" input : ⊗ ⊗ synchronosely Click two keys  
 "㇯" input : ⊗ ⊗ synchronosely Click two keys  
 "㇮" input : ⊗ ⊗ synchronosely Click two keys  
 "㇭" input : ⊗ ⊗ synchronosely Click two keys  
 "㇬" input :  + ⊗ ⊗ synchronosely Click two key  
 "㇫" input : ⊗ ⊗ synchronosely Click two keys  
 "㇪" input :  + ⊗ ⊗ synchronosely Click two keys

## ■ English Mode

### 1) Single Key


**A, C, E, I, K, M, Q, S, U, Y, Z**



### 2) synchronosely Click Left & Right key


**B, D, J, L, R, T, @, W, , Tab, **



### 3) synchronosely Click Up & Down key


**F, G, H, N, O, P, V, W, X,**

"A" input :  click


"B" input :   synchronosely Click two keys



"C" input :  click

"D" input :   synchronosely Click two keys


"E" input :  click



"F" input :   synchronosely Click two keys


"G" input :   synchronosely Click two keys



"H" input :   synchronosely Click two keys


## Intelligence Device



"I" input :  click



"J" input :   synchronosely Click two keys



"K" input :  click


"L" input :   synchronosely Click two keys



"M" input :  click


"N" input :   synchronosely Click two keys



"O" input :   synchronosely Click two keys


"P" input :   synchronosely Click two keys



"Q" input :  click



"R" input :   synchronosely Click two keys



"S" input :  click


"T" input :   synchronosely Click two keys


"U" input :  click

"V" input :   synchronosely Click two keys




"W" input :   synchronosely Click two keys




"X" input :   synchronosely Click two keys



"Y" input :  click



"Z" input :  click



## ■ Function key




 -----   synchronosely Click two keys


 -----   synchronosely Click two keys


@ -----  

W -----  

; -----  

: -----  +  

ENTER ----- 

 ----- SHIFT & Other key

## ■ Specification

M o d e l : Prohid 2 5 H  
Display : 400dpi  
Button : 3 M o u s e Button (1 Wheel included)  
On/Off Button to transfer to keyboard  
S i z e : 1 2 5 . 4 x 6 3 . 6 x 3 0 mm  
Weight : 100 g  
Operation range : 1.8 Meter  
Lifetime : over 50,000 hours (Max 80,000 hours)  
Interface : USB (RF - option )  
O/S System: Windows 98/98se/ME/2000,  
MAC 8.6 or High operating system  
Operating type : Optical Intelli-Eye operating type  
Key Number : 2 5 key  
Manufactured : Aron digital Inc.  
Salesmanship : Handy Intelligence System Inc.



## ■ User 's Guide

When using the mouse on such objects as glass that reflects light, malfunctions may result. Be advised that after sales servicing and replacement are not provided when intentionally dismantled or taken into parts, which may cause failure to operate.

The unit functions normally at 15 microwatts by way of user environments. It is a product falling under the heading of commercial products, which function normally in the range of 5°C ~ 35°C. In case the mouse fails to function, ensure that the cable is plugged in properly. Keep away from fire sources.

## Product Warranty

Product : Mousekey

Model : PROHID 25H

Date Purchased

Num. of Manufactured : 0106 - 0000001

Place Purchased:

Period of Warranty : 2 years after Purchase

The product purchased has gone through a type approval and in-house quality control. The duration of free warranty starts from the date purchased, and in case the date purchased is not identified, the duration of free warranty starts from 6 months of the date manufactured.

Ensure the warranty is kept in file along with the Users Guide , since after sales servicing is provided only upon presentation of this warranty.



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The warranty is applicable to Korea only, and not to be reissued.

\* In case ordinary products are used for commercial purposes, the duration of warranty is cut down to 1/2 of the duration.

## Intelligence Device

### FCC NOTICE

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES.  
OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITION:  
(1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND  
(2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED,  
INCLUDING INTERFERENCE THAT MAY CAUSE UNDERSIRED OPERATION.

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 communication.

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 : The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the users authority to operate the equipment.