User Guide

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This manual guides you in using your wireless keyboard. Information in this manual has been carefully checked for accuracy and is subject to change without notice.

Trademarks

Product names used herein are for identification purposes only and may be the trademarks of their respective companies.

Package Content

- Wireless Keyboard/Touch Pad Combo
- USB Receiver adapter
- USB Charge Cable
- User's Manual

Contents

Safety and Cautions

Please read this manual carefully before using the keyboard.

The following signs call attention to features and operations that may be dangerous to the user. Follow the instruction closely to reduce the risk of physical harm or damage to the equipment.

- Attention to traffic safety

Do not operate or attempt to operate this device while driving or operating any moving vehicle.

-Turn off this device on the plane

Do not operate or attempt to operate this device while on an aircraft. Doing so may cause interference to operation and communication devices of the aircraft.

- Turn off this device near explosion site

To avoid interference with blasting operations, please turn off the device in the blasting site.

-- Turn off this device in the vicinity of combustive agents or chemicals

Please turn the device off while around fuel or any combustible agents or chemicals.

- Turn off this device in the hospital

Please do not operate or attempt to operate the device in the hospital. Doing so may cause interference to the medical operations and communication devices as with wireless devices. This product may interfere with implanted cardiac pacemakers, hearing aids and other medical implant devices.

- Interference

All wireless devices may be subject to interference, thus affecting the performance of this product.

- Accessories

Do not use any replacement parts other than those provided or recommended by the manufacturer. This product contains a rechargeable lithium-ion battery. All safety precautions should be taken into consideration when handling or operating any type of device that is powered by such a battery. Don't drop, heat, crush or submerge this product in water. Do not operate this device in extreme humidity, heat or cold environment for long periods of time. Misuse of this device may cause injury and will void the device' warranty.

Chapter 1 Introduction

The Mini Multi-touch Wireless Keyboard-touchpad Combo combines the standard keyboard and mouse operation in a compact, portable housing. It is designed to improve the user experience of using keyboard and mouse as an input device. It allows user to control a mouse cursor, enter text, and perform Windows 7 multi-touch function wirelessly with the latest capacitive touch sensing technology. You do not need a touch screen panel any more.

It's small and easy to use. The touchpad is best for you to mouse around the screen remotely. You can tap the touchpad to click and use multi-touch gesture to take full advantage of Windows 7. Typing is easily done with its keyboard pad. You can double click icons or click and hold to drag and drop or highlight text just like you expect. Two actual mouse buttons are built-in for applications as required. It stays connected to the computer wirelessly without interruption while using it. And the battery (chargeable via a USB cable) stays charged for operation up to 500 hours. The remote goes to sleep on its own pretty quickly to conserve the battery. Press a mouse button or any button to wake it up.
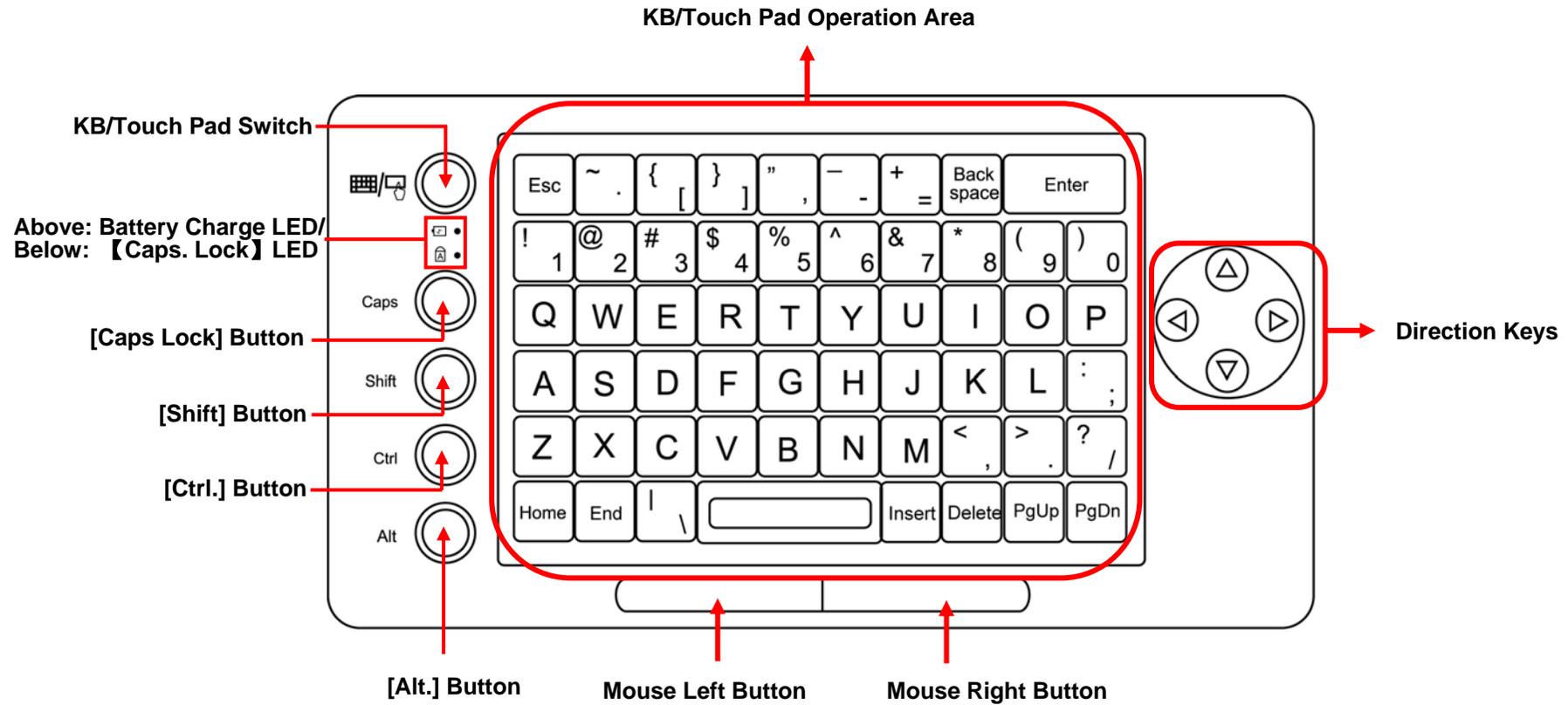
If you're looking for a portable control wirelessly with the added function of an almost-full keyboard, this is fantastic for you. It is perfect as the "remote" for PC control, presentation, lecture, and

especially for entertainment center. Sit back, relax, and enjoy the control remotely.

1-1 Wireless Keyboard Overview

-Front View

KB/Touch Pad Operation Area

KB/Touch Pad Switch

Above: Battery Charge LED/
Below: 【Caps. Lock】LED

[Caps Lock] Button

[Shift] Button

[Ctrl.] Button

[Alt.] Button

Mouse Left Button

Mouse Right Button

Direction Keys

-Upside View

Power Switch

-Downside View

USB Charge Port

-Back View

●-RF Match Point
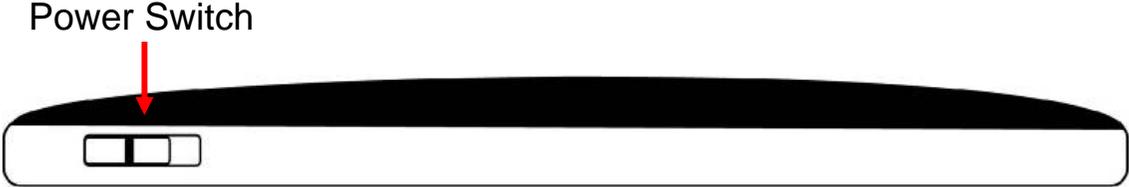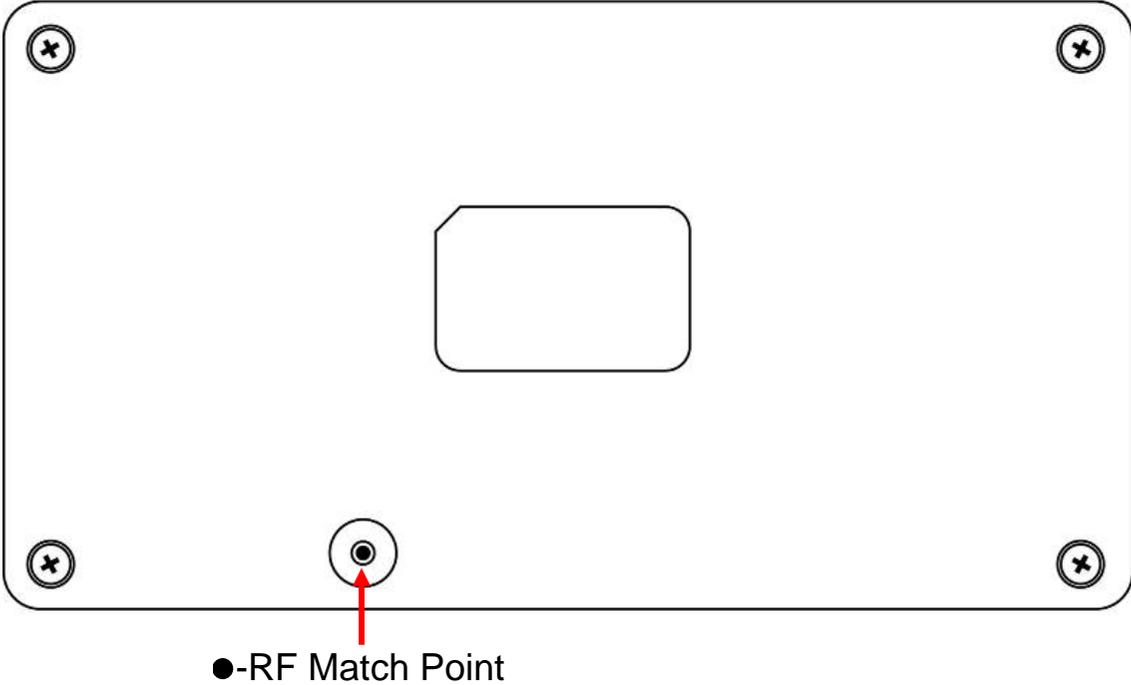
1-2 2.4G Wireless USB Receiver Overview

●-RF Match Point
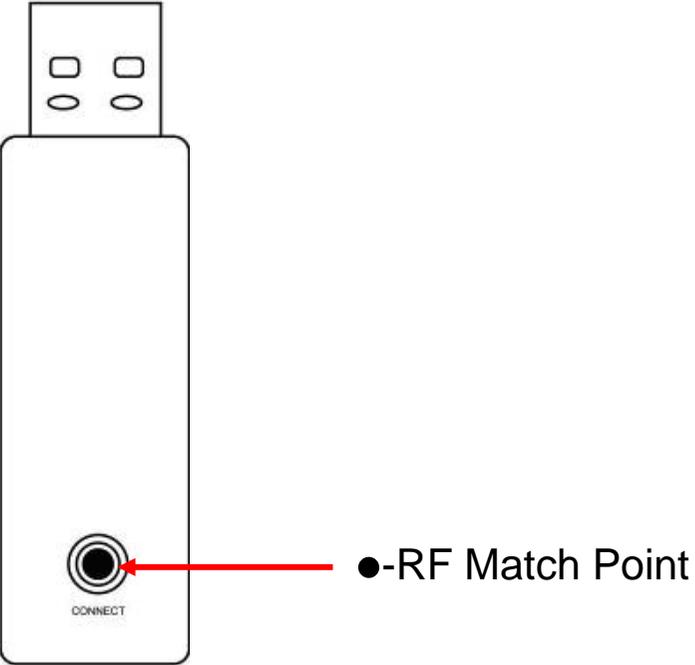
1-3 Key /Button /LED Basic Functions

Buttons:

ICON	Buttons	Description
	Power on Button	Switch to power on /off keyboard.
	KB/Touch Pad Switch Button	Press on to switch from keyboard and touchpad mode
	Caps.	Enable/disable **capital lock** function.
	Shift	Function as application key **[Shift**] of a keyboard.
	Ctrl.	Function as application key **[Ctrl]** of a keyboard.
	Alt.	Function as application key **[Alt]** of a keyboard.

Keyboard:

*Users need to select '**keyboard**' mode by pressing KB/Touch Pad Button at first before using keyboard function.*

ICON	Keyboard	Description
	Primary Key Bits	The function printed at each key is defaulted by pressing the button with one time.
	Sub-Keys	Press **[Shift]** while using these keys, including: !,@,#,$,%,^,&,*,(,),~, ",{,},",-,+,:,<,>,?, |
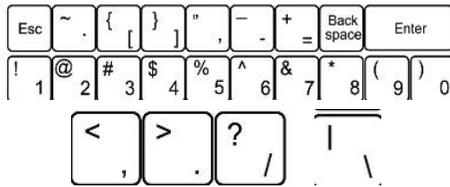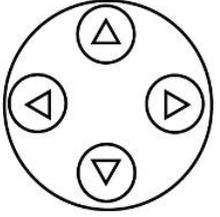
	Directional Keys	Function as Up/Down/Left/Right direction key as arrow shows.

Touch Pad

Users need to select 'Touch Pad' mode by pressing KB/Touch Pad Button at first before using mouse function.

Once set as 'Touch Pad' mode, the keyboard area can work as touch pad zone to do the same operation as that of a mouse. Quickly double-tap can achieve the double-click function of a mouse. The two buttons at the bottom of the wireless keyboard can work as the left and right buttons of a mouse.

ICON	Button	Description
	Mouse Left Button	Function as the left button of a mouse.
	Mouse Right Button	Function as the right button of a mouse.
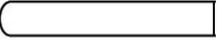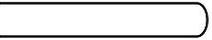
LED

ICON	LED	Description
	Caps Lock LED (Above)	This LED is on when user press [Caps Lock] button of the keyboard under 'Keyboard' mode
	Charge LED (Below)	This LED is on and turns orange when charging the wireless keyboard with a USB charging cable. The LED will turn green when wireless keyboard is fully charged.

Chapter 2 How to Use the Device

2-1 Connect Wireless Keyboard/Touchpad and USB Receiver

The wireless keyboard is very simple to operate. Follow these steps listed below to enjoy the conveniences of the product:

Step1: Connect USB receiver adapter.

Find the USB receiver adapter and insert it to the standard USB interface of a working computer system.

Step2: Power on the wireless keyboard/Touchpad.

Find the power on/off switch on the upside of the keyboard (⬜⬛⬜). Turn it to the [On] direction to enjoy wireless keyboard-touchpad functions.
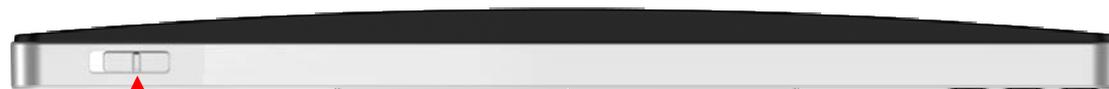
Power on Switch

Step3: RF Matching Points.

RF Matching Points

The device is set well when come out of factory and you can ensure that different users using same devices at the same time won't interfere with each other. However, if interference does occur, you can press on the RF matching point under wireless keyboard and RF matching point of the USB receiver adapter.

Step4: Power off the device after use.

Find the power on/off switch on the upside of the keyboard (▭▭▭). Turn it to the [Off] direction, then cut off the power, turn off the equipment. The USB receiver adapter should be plugged out from USB interface as well.

2-2 Mode Switch

The Mini Multi-touch Wireless Keyboard-touchpad Combo can function as wireless keyboard or wireless touchpad. User only needs to find and press on KB/Touch pad switch button on the left side to switch from KB and touchpad.

⌨/🖱◯	**KB/Touch Pad Switch Button**	Press on to switch from keyboard and touchpad mode.

2-3 Windows 7 Multi-touch Support

The Mini Multi-touch Wireless Keyboard-touchpad Combo supports Multi-Touch function under Windows 7 operating system. User needs to install the driver from the attached CD to enjoy Windows7 Smart-Touch function.

The Smart-Touch ^{TM} supports various multi-finger taps and gestures to perform various functions. The related gesture information for Windows 7 is shown in the following table.

Notice: User needs to install the programs form the attached CD for this function.

One-Finger Gesture	Action Description	Function
Tap(up & down once)	Tap touchpad with one finger once	Mouse left-click

Double tap (up & down twice)	1- Tap touchpad with one finger once 2- Tap touchpad again	Mouse double left-click
Touch (up & down once, then press)	1- Tap touchpad with one finger once 2- Press on touchpad 3- Perform next gesture for the desired function as described below	Finger in contact with the screen (Note: Touch is defined in Win7, and it means left button enabled in XP.)

Left-drag (touch & move, then release)	1- Move cursor on the selected object with one finger 2- Tap touchpad 3- Press on touchpad 4- Immediately move finger to drag the object to new position 5- Release finger from touchpad	Mouse left-drag
Right-drag (touch, pause, & move, then release)	1- Move cursor on the selected object with one finger 2- Tap touchpad 3- Press and hold touchpad with one finger 4- Keep finger tip on touchpad until a circle appears 5- Move finger to drag the object to new positions 6- Release finger from touchpad	Mouse right-drag

Press and hold (touch & pause, then release)	1- Tap touchpad with one finger 2- Press and hold touchpad with one finger 3- Keep finger tip on touchpad until a circle appears, then release finger from touchpad	Mouse right-click
Vertical Edge scroll (down and move vertically)	1- With one finger, press & hold on the right end of touchpad 2- Move finger vertically	Vertical scroll

Select (touch & move over selected object, then release)	1- Move cursor at the starting point of the text/object to be selected with one finger 2- Tap touchpad with one finger 3- Press & hold on touchpad 4- Drag finger to move over the desired text/object selection 5- Release finger from touchpad	Mouse select

Flick	Description	Function
Flick right (touch, flick right)	1. Tap touchpad with one finger 2. Press on touchpad 3. Quick drag finger to the right	Back command (under Internet Explorer)
Flick left (touch, flick left)	1. Tap touchpad with one finger 2. Press on touchpad 3. Quick drag finger to the left	Forward command (under Internet Explorer)
Flick up (touch, flick up)	1. Tap touchpad with one finger 2. Press on touchpad 3. Quick drag finger upward	Keyboard Scroll Down (Up Arrow)
Flick down (touch, flick down)	1. Tap touchpad with one finger 2. Press on touchpad 3. Quick drag finger downward	Keyboard Scroll Up (Down Arrow)

Flick up-left diagonal (touch, flick up-left)	1. Tap touchpad with one finger 2. Press on touchpad 3. Quick drag finger up-left	Keyboard Delete
Flick down-left diagonal (touch, flick down-left)	1. Tap touchpad with one finger 2. Press on touchpad 3. Quick drag finger down-left	Keyboard Undo (Ctrl Z)
Flick up-right diagonal (touch, flick up-right)	1. Tap touchpad with one finger 2. Press on touchpad 3. Quick drag finger up-right	Keyboard Copy (Ctrl C)
Flick down-right diagonal (touch, flick down-right)	1. Tap touchpad with one finger 2. Press on touchpad 3. Quick drag finger down-right	Keyboard Paste (Ctrl V)

Two-Finger Gesture	Description	Function
Zoom (move two fingers close to or away from each other)	1- Press & hold two fingers on touchpad (don't release fingers) 2- Move fingers toward each other to "Zoom-in" 3- Move fingers apart to "Zoom-out"	Object Zoom in / out
Rotate (twist two fingers clockwise or counterclockwise)	1- Press & hold two fingers on touchpad (don't release fingers) 2- Move one of the two fingers clockwise for "clockwise rotation" 3- Move one of fingers counterclockwise for counterclockwise rotation	Object rotation

Two-Finger Tap (two fingers down and up)	Tap touchpad with two finger once	No system default unless defined by application. e.g., Restores the currently adjusted object to its default scale as in zooming
Press and Tap (Finger 1 touch, Finger 2 tap)	1- Tap touchpad with one finger 2- Press and hold touchpad with one finger (don't release fingers) 3- Tap touchpad with the other finger	Performs a right click for the underlying object under the first finger

2-4 Standby and Wake-up

The device will go into Standby mode to save power when no button is pressed for 3 seconds. Press any key to reactivate the device.

The device will go into Sleep more to save power and increase battery life when a user no longer operate buttons or touch pad for more than 3 minutes. User needs to click Mouse-left key, Mouse-right key, any of the direction keys or function buttons on the left side of the keyboard to reactivate the device.

2-5 Battery Charge

You need to fully charge the wireless keyboard at the first time when you are using it.

Follow these steps listed below to charge the wireless keyboard:

1. The device can be recharge via USB data cable which directly connects to a standard USB data

port on the computer. Find the attached USB cable and connect on end to the USB port of the

wireless cable: . Then connect the other end to a standard USB port of a system (The system

must be on).

2. A second later (if the battery is depleted, it would take longer), the charge indicator at the upper left corner of the device will turn orange.

3. The charge indicator will turn green when charging is completed. In this case remove the charging cable from the wireless keyboard and system.

Note: This device can be used when charging, but it will extend charging time.

Chapter 3 Specification

- Size: 168 mm x 90 mm x 12.5 mm

- Weight: 100g / 0.22 pound

- Operating temperature: -10°C — 55°C

- Battery: Build-in 3.7V 600mAh Lithium-ion battery

- Battery life: 400 hrs under keyboard mode, 500 hrs under mouse mode

- Stand-by time: 500 - 700 hours

- Operating Range: 30 meters / 100 feet

- Transmission Power: Max +4 dBm

- Operating Voltage: 3.3V

- Operating Current: < 80mA

- Charging Voltage: 4.2v - 5.05v

- Charging Current: < 300mA

- System Requirement: Windows 2000 / XP / Vista / 7; Mac OS 10.x or lower; Linux (Debian 3.1 / Redhat 9.0 / Ubuntu 8.10 / Fedora 7.0)

Chapter 4 Maintenance and Troubleshooting

4-1 Battery Caution

Do not try to disassemble the machine or replace rechargeable batteries without permission. Otherwise the manufacturer will not be responsible for the resulting loss.

Battery charging time depends on the remaining battery capacity and battery type. The battery can be charged and discharge hundreds of times, but eventually wear out. When the battery operating time is significantly shorter than usual, it is time to replace the battery. For that please contact your local dealer.

A charged battery without use within a certain period will be self-discharge.

Use specified charger. When the charger is not in use, please cut off the power; do not let the battery connected to a charger more than a week. Overcharging will shorten battery life.

Do not place the product at places too hot or too cold. This will reduce the capacity of battery life. Please keep the battery in room temperature. The battery may be temporarily not working when used under too hot or too cold temperature, even when battery fully charged. Lithium-ion batteries are particularly subject to the impact of sub-zero temperatures.

4-2 Careful Maintenance

The following recommendations can help you to comply with warranty, and pre-long product life. Please follow:

Put the device and all its parts and accessories at the place where children can not reach.

Do not place this equipment at dusty place.

The touch pad s the most vulnerable part. Strong impact from other objects or scratching should be avoided.

Do not put the device at places too hot. High temperatures will shorten the life of electronic devices.

Do not put the device at places too cold. When the device temperature rise (to its normal operating temperature) there will be water vapor generated inside the device, which could damage the device's electronic boards.

Do not drop, knock or shake the device. Violent action would undermine the internal circuit boards.

Do not use rough chemicals, cleansing solvents or stronger cleansing agents when cleaning the device. Gently scrub with a soft cloth soaked in soapy water to clean it.

Do not paint upon the device. Paint will stick to the active part of the device and impede normal operation.

If the device, battery, charge or any accessories are not working properly, please take it to the nearest qualified service center. If necessary, the staff will help you arrange for repair.

4-3 Trouble Shooting

Please refer to the following troubleshooting list when something is wrong with the device. If this still can not help solve the issue, please contact your local dealer or service provider.

Problem	Cause of malfunction	Solution
Can not boot	1- There is no power in the battery. 2- The power on/off switch is not placed well.	1- recharge the device for over 15 minutes then switch on; 2- Click if the switch is put at the [On] place.
RF can not be connected after a long time of blinking	1- Receiver is inserted correctly or not, the inserted device is in the boot state or not; 2- The signal is too weak at your	1- Check if the receiver inserted correctly and the inserted device in the boot state. 2- Move your location and make sure

	physical location, or if there is a wireless interference.	there is no interference between you and the inserted device.
Operation of the mouse pointer jumping or unresponsive	1- The equipment you connected itself is not working properly 2- Your physical location is too far away from the equipment, or there are too many block between you and the equipment	1- Check if the operation of the equipment has been confirmed that it's working correctly. 2- Move your location or try from another location
Device can't be charged	3- Chargers and equipment not being connected well; 4- Battery performance degradation	1- Correctly connect the charger to this device; 2- Replace the same model batteries; please contact your local dealer.

Appendix

FCC Rules and Regulations-Part 15

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

Note: 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:

- Re-orient 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 on which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC ID for Wireless Keyboard-touchpad Combo: ZHD-WK01ST
FCC ID for Wireless USB Receiver: ZHD-WK01SR