Ultra Mini Keyboard

User's Manual

2.4G MINI WIRELESS KEYBOARD,
MOUSE, PRESENTERC COMBO

Contents

1. Safety Matters

To avoid injury, death of personnel or damage to the equipment the operator must refer to an explanation in the User's Manual.

Battery: There is a piece of lithium-ion rechargeable battery in this device. Don't water this device, or take it in the humid environment for long time, or the device will be damaged.

Attention to traffic safety

(CAR PC): Do not use the device while driving. If you want to use, please park the car.

Turn off this device on the plane

This Electronic wireless product can disturb the communication for the plane. Please turn off before boarding.

Turn off this device near the site of the explosion

In order to avoid interfering with blasting operations, please turn off this device in the "blasting site" or in the area with "turn off two-way radio" icon.

In the vicinity of dangerous goods to be shut down

In the gas station and close to the fuel and chemical agents and other hazardous materials   areas, please shut down.

Turn off this device in the hospital

Please power off where there is a notice that "no wireless device" in the hostipal.

Wireless devices may interfere with implanted cardiac

pacemakers, hearing aids and other medical implant dev ices.

Interference

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

Accessorie

Only use factory specified parts. The machine specified by the manufacturer of travel charging cable, the use of other charging devices may be dangerous.

Do not laser irradiation on human or animal eye directly to avoid damage the eye.

2. Overview

This is wonderful combo, 2.4G Wireless Mini QWERTY Keyboard & Touch Pad & Presenter Combo, with USB interface receiver.

Operating frequency: 2.4GHz ISM band,

Dimension: 151.4mmX59mmX12.5mm

This product is not only with the normal wireless keyboard input, but also with multimedia control keys, wireless PC gaming control keys. It has built-in programmable smart touch pad - the world's first Touchpad which can be used from horizontal and vertical. With power indicator, RF signal indicator, CAPSLOCK light, low-voltage reminder indicator, keypad backlight to facilitate night operations, in addition, it also has a built-in laser pointer, to facilitate lectures, teaching, distance instruction.
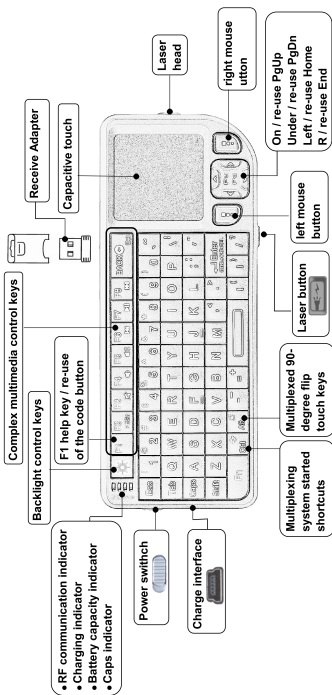
● **This is a handheld keyboard with back lit**

With 26 PCS dazzling bright LED lights to help when using in poor lighting environments.

- **Wireless 2.4G radio frequency with USB receiver**

  Ergonomically design makes this product can be use conveniently and easy to use..

- **The world's first Touchpad can be used from horizontal and vertical**

  Use from horizontal or vertical at your pleasure!

- **Innovative design of the Navigation keys**

  Smart located the direction control keys in order to be used as joystick control, make you feel the thrill of playing game by wireless device.

- **Windows Media Control**

  Whether you are sitting on the sofa, or a comfortable bed, multimedia, wireless control, allows you to enjoy the pleasure of enjoying multimedia.

- **Built-in rechargeable more staying power lithium-ion battery**

  Advanced lithium-ion battery shorts time for charging but with longer usage time, endurable for up to 1 month.

- **Iphone style, classic style**

  Lines of beautiful, stylish, elegance, simplicity is not simple

- **One Wireless Laser Pointer, e-Pointer**

  Keyboard, mouse, presenter trinity, three-dimensional presentation, more vivid!

- **Have a real notebook Touchpad**

  Use of advanced capacitive sensing technology, comparable to a real notebook touchpad.

- **Real QWERTY full-function mini keyboard**

  Delicate appearance, clever keyboard layout, a real mini-QWERT full-function keyboard.

3. Introduction

3.1. Produ ct overview

Laser head

right mouse utton

Receive Adapter

Capacitive touch

On / re-use PgUp
Under / re-use PgDn
Left / re-use Home
R / re-use End

left mouse button

Complex multimedia control keys

Laser button

Backlight control keys

F1 help key / re-use of the code button

Multiplexed 90-degree flip touch keys

Multiplexing system started shortcuts

•RF communication indicator
•Charging indicator
•Battery capacity indicator
•Caps indicator

Power swithch

Charge interface

3.2. About Keyboard

Keyboard	Description
	Numeric keys / letter key / function key
	F1-F8 / duplicate multimedia keys F1-F8 advanced computer function key, simultaneously press the "Fn" key to work as multimedia keys
	1. navigation keys: PgUp, PgDn, Home, End 2. joystick control key - press the "Fn" key together with the keys: PgUp(up) or PgDn (down) or Home(left) or End(Right) to control the direction when playing PC games
	left mouse key
	Right mouse key
	1. Backspace key / Del key 2. Del key – press this key together with "Fn" key
	Backlight control key - default backlight turn off, and if want to turn on, you need press this key

3.3. Introduction touchpad

Touch Pad icon

The use of touch pad is normally horizontal. If you want to use by from vertical, press below shown keys to make change.

3.4. Laser Head Description

Laser head icon

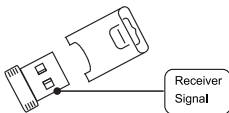Open the laser head, you need press the laser button shown

3.5. Wireless 2.4G receiver

2.4G Adapter icon

Receiver
Signal

4. Started

4.1. Connect receiver

Plug out the receiver from the side of this product, and insert to the devices

with a standard USB interface, and then switch machine keys [image] to the
"ON"position, to complete the connection.

4.2. Process of use

Type the left Qwerty keyboards you can use it as input device, moving on the
touch pad can control the cursor, do the same function as mouse. If you want
to use the built-in laser pointer to highlight the words/drawing, just switch on
the micro-switch control at the side of product.

4.3. How to control the backlit

There're two ways to control the backlit – by software and by manual control
mode.

When the connection is successful, backlit auto turn on, and will auto turn off
after 3 seconds to save power and increase battery life. If you want to turn on
the backlit, just need to press the key [image] .

4.4. Equipment sleep and wake-up operation

The device built into the auto-sleep function under certain circumstances,
in order to save power and increase battery life. Specifically for, when a user
no longer operate buttons and touch pad for more than three minutes, the
device will automatically get into sleep mode - backlit turn off, leaving only
the RF indicator flashes.
In the sleep state, only need to click any button you can wake-up the device,
the equipment will return to the state before sleep.

4.5. Switch off the device after use

When finished, push the switch [image] to the OFF position, cut off the
power, turn off equipment. The 2.4G USB receiver should be plug out from
USB interface, and then insert back in the equipment, keep safety.

4.6. Battery Charging

The device with built-in lithium-ion battery, please use only approved data lines
and chargers.

Note: Before the first time use of the equipment, the battery must be fully charged.

* Use the travel charger – this is optional part of this equipment, provided by required only.

1. Connect the travel charger with the device through the USB connector at the arrow shown on the charger need be in the same direction of the device. like: , then connect the travel charger with AC power.

2. The device can be recharge via data lines which directly connect with standard USB port on the computer.

3. 1 Second later (if the battery is depleted, it would take a longer time), the charge indicator at upper left corner of the device will light.

4. Charging is complete, unplug the charger from the AC power (or disconnect the data line from computer) first, then remove the charger plug from the device.

Note: This device can be used when charging, but will extend the charging time; When the electrical capacity is low, the low-voltage light will constantly flashing to warn. When the electrical capacity will run out, the device will self closing.

5. Basic functions

5.1. Primary Key bits

The function printed at each key is defaulted by pressing the button with one time.

5.2. sub-keys

Press the SHIFT key while using these keys, including :

!,@,#,$,%,^,&,*,(,),~,|,",{,},?,_,+

5.3. deplicate keys

Press the FN key while using these keys. all these keys were printed in Blue for easy recognize.

5.4. backlit control key

As Shown: is the key for control the backlight.

5.5. Touch Pad

The default operation direction is as , move finger at the touch zone can do the same operation as mouse, quickly double-tap can be achieved with the mouse double-click function. Together with the left mouse key can drag window functionality.

Change operation direction of the touch pad: Press the Two keys,you can change the direction of touch panel to vertical as , suitable for user operate the computer by one hand.

5.6. Laser Pointer

Make the device at the ON position (no need to connect 2.4G receiver to USB interface)

Press the key when using, release the hand, the laser will automatically shut down. So, if you want to continue to open the laser, you need to always press the laser button.

5.7. RF Pairing.

Instruction for code pairing of 2.4G Devise and Receiver:
* First, please ensure that the working area is without any other 2.4G equipments in working condition.

1. Plug the USB receiver into the USB port of computer
2. Hold on the F1 key, meanwhile turn on the power of the 2.4G Wireless keyboard.
3. When device's LED indicator light (the first LED indicator light which on the top left corner of the devise) flash slowly about 3 seconds, then loosen the F1 key. this moment, the led flashes fast. It must wait about 1 minute until the led light automatically turns off. It is success for the pairing. (PS: if the led indicator light not turn off which indicates code pairing failed, please follow above steps to try it again).

Remarks: All of our 2.4G device had been paired in factory. Users no need to pair the transmitter to receiver. Above steps just for pairing the new receiver with keyboard when the receiver had been lost or damaged.

6. Appendix
6.1. Technical parameters
- Main Specification
  - * Dimension: 151mmX59mmX12.5mm / 6'X2 .4 'X0.5'
  - * Weight: 100g/0.22poud
  - * Suitable temperature: -10 ℃ to +55 ℃
  - * Battery Type: Built-in lithium-ion battery
  - * Standby time: 500 ~ 700 hours
  - * Operation range: up to 30 meters
  - * Modulation: RF using DSSS mode, a stronger anti-jamming capability
  - * Transmit Power: Max +4 dBm
  - * Operating Voltage: 3.3V
  - * Operating Current: <80mA
  - * Charge voltage: 4.2V - 5.05V
  - * Charge current: <300mA
  - * Sleep Current: <1mA

- Computer system requirements
  - * Windows 2000
  - * Windows XP
  - * Windows Vista ,Windows CE, Windows 7
  - * Linux(Debian-3.1,Redhat-9.0 Ubuntu-8.10 Fedora-7.0 tested)

6.2. Maintenance
- Battery Caution
  - * Do not try to disassemble the machine or replace rechargeable batteries without permission, otherwise the resulting loss has nothing to do with the manufacturer.
  - * Battery charging time depends on the remaining battery capacity and battery / charger type. The battery can be charged and discharged hundreds of times, but eventually wear out. When the battery operating time was significantly shorter than usual, it's time to replace the battery, please contact your local dealer.

* A charged battery without use within a certain period will be self-discharge.
* Use the specified charger. When the charger not in use, please cut off the power, do not let the battery connected to a charger more than a week, over-charging will shorten battery life.
* Do not place the machine at the places too hot or too cold, such as: In the summer or winter, a closed car. This will reduce the capacity of the battery life. Try to keep the machine at room temperature. Use too hot or too cold battery, even if the battery is fully charged, it may be temporarily not working. Lithium-ion batteries are particularly subject to the impact of sub-zero temperatures.

● **Careful maintenance**

This equipment is designed by excellent designers, please carefully care. The following recommendations can help you to comply with warranty, so the machine can be used for many years. When using this equipment:

* Put this device and all its parts and accessories at the place where children can't reach.
* Do not place this equipment at dusty place, or it's moving parts will be damaged.
* The touch pad is the most vulnerable part, should avoid strong impact by other objects or scratching.
* Do not put it at hot place, high temperatures will shorten the life of electronic devices
* Do not put it at too cold place, 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 circuit boards.
* Do not drop, knock or shake the device, violent action would undermine the internal circuit boards.
* Do not use rough chemicals, cleaning solvents or strong cleaning agents to clean it, gently scrub with a soft cloth soaked in soapy water to clean it.
* Do not paint the device, paint will stick to the activities parts of the device and to impede the normal operation.
* If this device, battery, charger or any accessories not working properly, take it to the nearest qualified service center, If necessary, the staff will help you arrange for its repair.

6.3. Troubleshooting

In the operation of this equipment, if feeling it wasn't work well, please refer to the following questions and solutions. If this can't solve the issue, please contact with vendors or service providers.

Issue	Reason Of The Malfunction	Solution
Can not boot	1. The battery no electricity. 2. the on/off switch is not placed well.	1.recharge the machine, over around 15 minutes and then switch on. 2. Check if the switch was put at "ON" place.
RF can't be connected after a long time light blinking	1. Receiver Inserted correctly or not, the inserted device is in boot state or not. 2. The signal is too weak at your physical location, or there is a wireless interference.	1. Check if the receiver inserted correctly and the inserted device in the boot state. 2. Move your location, make sure there's 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 its working correctly. 2. Move your location or try from another direction.
Device can't be charging	1.Chargers and equipment not being connected well. 2.Battery performance degradation.	1. Correctly connect the charger to this device; 2. please replace the same model batteries.

6.4. Packing List

Packing list This equipment package contains the following items, depending on the local dealers:

Configuration	Units	Amount
Wireless combiner	PCS	1
Wireless receiver	PCS	1
Charging Data Cable	PCS	1
User Manual	PCS	1