

# Ultra Mini 5 in 1 2.4Ghz Wireless Keyboard

RC 3 [2.4GHz+IR]

User's Manual



## **Overview**

Thank you for purchasing this 5 in 1 2.4Ghz Wireless Keyboard with Six-axis Gyro Fly Mouse & IR Learning Remote Control. It comes with a USB wireless receiver. This device is a wonderful combo – 2.4Ghz Mini Wireless Keyboard, Air Mouse, IR Learning Remote Control, Speaker & Microphone all in one.

It is not only compatible with PC, Smart TV, Android Devices but also the Infrared Devices. The keyboard with its small size makes a big difference in your life. You can use it to browse the web, make skype calls, etc. You can also use it to control up to 8 different electronics pieces of equipment with IR remote function.

## **Features**

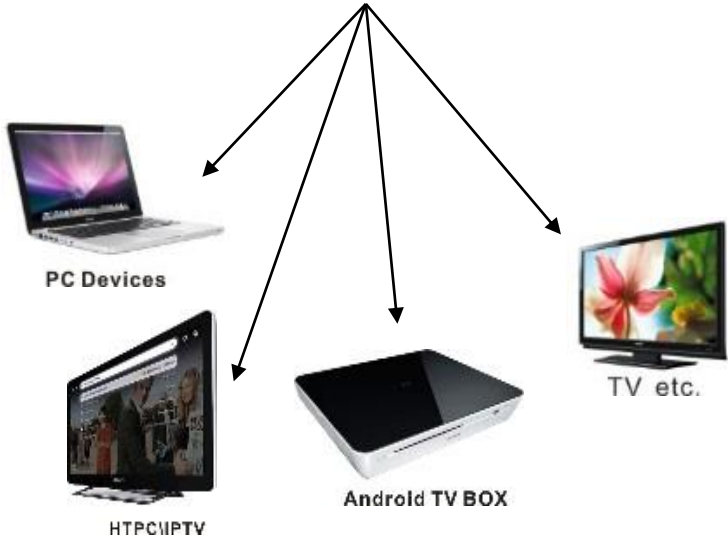
- 8-channel infrared remote control learning function
- Wireless mini keyboard with 2.4G with 45 buttons
- Built in Windows multimedia control keys
- Wireless audio and online voice dialogue
- Build in rechargeable battery

## **Speaker & Mic**

After you connect the USB receiver to the computer, when you play music from the computer, the sound will output from the speaker in the remote control. The mic port is located at the bottom of the remote control. Please try to put the mic port nearer to your mouth when making skype call.



**Introduction**  
**Product overview**



## **Installation**

- Open the box and take out the USB Receiver.
- Insert the USB Receiver into an available USB port.
- Turn on the keyboard. The keyboard will be found and installed automatically.

Note: USB cable can be used for power charging. Zoom in/out can only be used as a function of Android TV Stick (D11) only.

## **Using Air mouse**

Air mouse function can be disabled by pressing the lock key (as shown on the left) on the keyboard. Press the lock key again to enable the air mouse function. Hold the keyboard vertically pointing at the screen. When it is enabled, the mouse pointer will follow the direction of your remote control. When the status is open, it will follow your gestures, help you to perform the moving, clicking, dragging and other operations. The status remains on/off depending on turning on/off this lock key.

## **Pairing the remote controller and USB receiver**

If there are problems with synchronizing the device with the receiver, due to a conflict with another device or wireless devices, or the unit has lost communication with the receiver, you must pair it again. Hold the ESC button and press the Power button on the keyboard, then release the ESC and connect the USB receiver to your computer. Start the pairing process with the receiver. When completed the pairing process, the blue LED will illuminate a steady light and the unit will enter normal operation. Otherwise, the blue LED will flash. After completion of pairing, the remote controller will be able to connect only with the paired USB receiver.

## **Auto Sleep and wake mode**

To save battery power, this device also has an auto sleep function. The keyboard will automatically go to sleep mode if no operation will be performed for 3 mins. Blue led light will illuminate. In this mode, users can only press the left key, right mouse key, lock key to wake up the device.

## **Switching off the keyboard after use**

After you finish using the keyboard, push the switch to the off position. This will turn off the keyboard only.

## **Charging the battery**



The device has built-in lithium-ion battery, please use the USB charging cable provided. In the off position, while charging it will show a red led light, and the red led light will illuminate when fully charged.

**Note:** Fully charge the unit before operating for the first time. This device can be used when charging, but will extend the charging time; When the battery is low, the low-voltage light will flash to warn the user. The Unit will automatically turn off when the battery is depleted.

Remarks: the battery exhibited a good electrochemical (stability) with a capacity degradation of 20% over 300 cycles

### **G-sensor calibration**

If you found the mouse cursor auto drifts, moves up and down without control and does not match the movement of the hand, the keyboard need to be calibrated. Put it on the table and press the Fn key and a mouse left key at the same time then release the keys. Wait for a short while, the blue led light will flash once, it shows that the G-sensor calibration has been finished.

### **CPI adjustment**

The cursor has three drift speeds, which are low, medium and high speed. The default speed is medium, We can adjust the speed when press the Fn and space key at same time. Every time press the two keys, the speed changes one time.

### **LED Display mode**

In general, if USB receiver is connected with the PC or other electronic devices, the blue indicator light will be shown, but low power will made the indicator light flashes all the time.

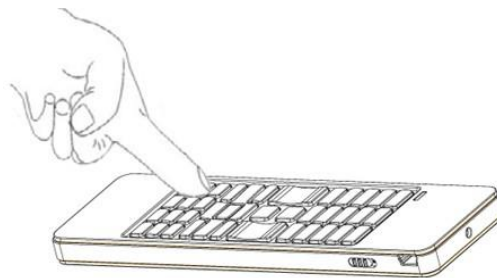


## How to operate the infrared remote control



- Area A: users can define these keys as they need through Area B
- Area B: there are 8 IR Remote Learning key (TV\VCR\DVD\CBL\SAT\CD\AUDIO) for you to choose, means you can control up to 8 different electronic equipments at the same time. Eg: if you select the TV learning key, you can learn the original TV remote control. If you want to select another learning key label as the TV remote control it can be done also. But you must remember which learning key label ( in Area B ) you have set for that particular remote control.

1. Press any one of the 8 keys in Area B for about 4s until the Blue indicator light turned brighter, then release the key, the learning mode begins.



2. Aim the device's infrared LED at your original remote control's infrared LED in parallel alignment (PS: the relative distance no more than 7 cm). Press one key in Area A, the blue indicator light will start to flash, this indicates it entered the receiving Infrared status.

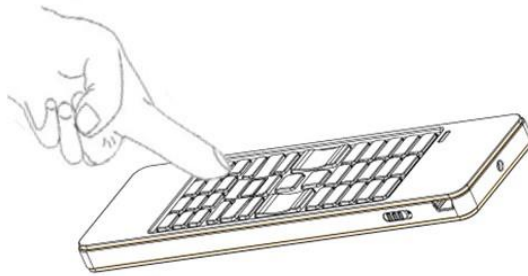


3. Then press one key in the original remote control equipment. You will see the blue indicator light of our device will flash fast three times and then become steady blue, which means this learning process has succeeded.



4. While it still shows steady blue led light, immediately repeat the steps 2 to 4, until finishing learning all these keys in the original remote control equipment.

5. When the learning process is over, press the key (you pressed just now) in Area B again, the blue led light will illuminate. The device will stop the learning process. (If the blue led will illuminate during the learning process, you have to repeat steps 1 to 4 again).



Note: Multi-function remote control can "learn" eight sets of various pilots.

## **Package contents**

- 5-in-1 2.4Ghz Wireless Keyboard
- USB Wireless Receiver
- User Manual
- USB charging cable

## **Applicable equipment list**

- HID compatible device
- USB port
- Windows XP
- Windows Vista, Windows CE, Windows 7/8
- Linux (Debian-3.1, Redha-9.0, Ubuntu-8.10, Fedora-7.0 tested)
- Android OS 3.0 (With standard USB interface)
- HD player, TV set
- Set-Top Box, DVD\VCD\CD equipment

## **Appendix**

- Technical parameters specification
- Dimensions of the keyboard: 156\*49,5\*10mm
- Dimensions of RF receiver: 19\*14,3\*6,15mm
- Weight: 74g

## **Function parameters (wireless keyboard and air mouse)**

- Frequency range: 2401-2480 MHz
- Operational Range: up to 10 meters
- Transmit power: +4db Max.
- Operation voltage: 3.3V
- Operation current: < 50mA
- Charging current: <300mA
- Sleep current: <50μA

## **Function parameters (IR remote)**

- Rated voltage: DC 3V
- Voltage range: 2.3V-3.6V
- Operation current: <20mA
- Sleep current: <2μA
- Ambient temperature: 0°C ~+ 70°C
- Storage temperature: -65°C ~+ 150°C
- Operational Range: up to 8 meters
- Low-voltage (2.5V) condition's infrared emission





## **Warning**

Remark:

Example: After the completion of the learning process for 2 units of the remote control, if you want to use it as TV remote control, you must first press once the same learning key ( in Area B ) which you set previously, then the other keys in Area A will perform the same function as the original remote which you defined.

If you want to switch to DVD remote control mode, please press the learning key once ( in Area B ) which you set previously for DVD then it will perform the same function as what you defined earlier on.

## **Maintenance**

Do not attempt to disassemble the device or replace rechargeable battery. Doing so will void the warranty.

The battery will discharge if it is not used for a long time.

Use the specified USB charging cable. Disconnect the device after the battery has been fully charged.

Do not expose the device to extreme heat or cold. Extreme temperatures will shorten the life span of the battery.

Use only a damp cloth with mild soap to clean the device. Solvents and other cleaning agents may cause damage to device.

## **Disposal**



Always dispose of the used appliance at a recycling centre. Do not dispose of the used appliance with the household waste.

## **Notes:**

Since devices ( keyboard ) using 2.4G technology communicate using radio waves, your device and the other devices do not need to be in direct line-of-sight. The connection can be subject to interference from obstructions, such as walls, or other electronic devices.

In line with the policy of constant development the manufacturer reserves the right to amend the specifications without prior notification. The pictures in the manual are for reference only. In case of any doubts please refer to actual object.

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