

# **WireLess Handheld Keyboard**

**(with option of Laser Pointer)**

## **User Manual**

**Rev. 1.0**

## **Introduction:**

Wireless Handheld keyboard consists of keyboard, mouse touchpad, and laser pointer(optional) which is designed small and portable size. It provides people a unique & capable tool to operate their personal computer wirelessly. it is widely used for:

- the people who need to be apart from their personal computer yet must control it for their presentation, teaching, and lecturing with large screen or projector, up to 33 feet wireless operation distance provides you big free space to communicate with your audience.
- the people who want to sit at their easy and comfortable chair to view the internet content, network television, such as IPTV, or internet movies instead of physically change its channel, it is a really computer remote controller, of course not a TV remote controller.

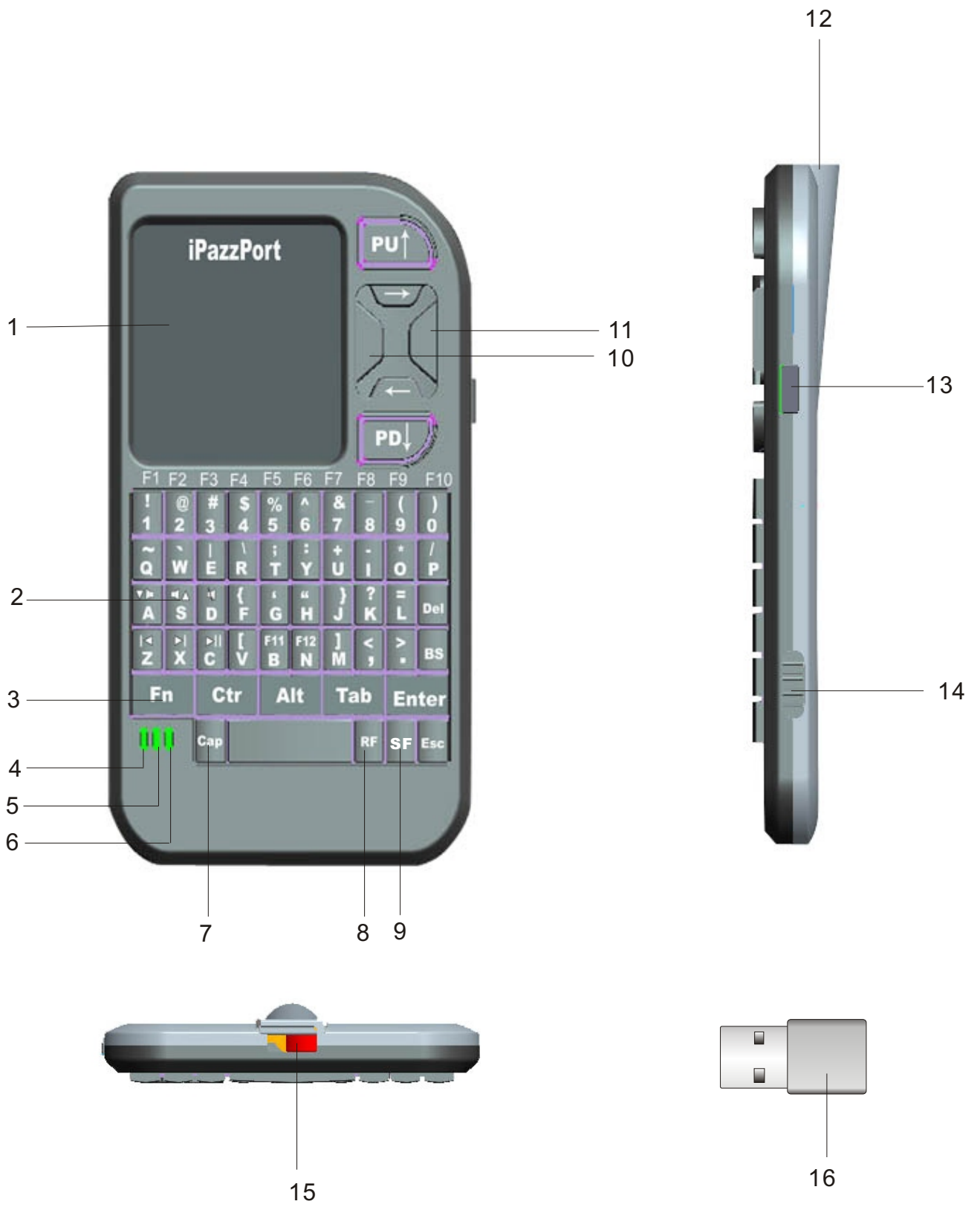
## **What's in your Package?**

In the package with Wireless Handheld Keyboard you will find a USB transceiver, a USB cable for charging the Wireless Handheld Keyboard and this manual.

## **Features and specifications:**

- 2.4G DSSS radio transceiver,
- built-in re-chargeable Lithium-ion battery
- backlit for operation in darken room
- Plug and play
- Large PAD for hand-writing
- Portable size: 60 x 100 x 10mm
- Charge voltage/current: 5V/300mA
- Standby time: 600 hours
- QWERTY keyboard
- Built-in laser pointer(optional)

# Let's familiarize ourselves with Wireless Handheld Keyboard



<b>NUMBERED FEATURE</b>	<b>FUNCTION</b>	<b>OPERATION</b>
ARRAW 1	MOUSE TOUCHPAD	SLIDING YOUR FINGER ACROSS PAD MOVES THE MOUSE
ARRAW 2	MULTI-MEDIA CONTROL KEYS-GROUP	PRESS KEY "SF" THEN PRESS THESE KEYS TO CONTROL YOUR MULTI-MEDIA PLAYER
ARRAW 3	KEY Fn	PRESS THIS KEY TOGETHER WITH F1 F2...F10, ↑, ↓, TO OPERATE F1, F2...F10, ↑↓
ARRAW 4	LED1	RF STATUS, BLINKS WHEN TRANSMITTING
ARRAW 5	LED2	PRESS KEY "SF" LED2 WILL LIGHT ON AND PESS KEY "Cap" LED2 WILL FLASH
ARROW 6	LED3	LIGHT GOES OUT WHEN FULLY CHARGED
ARROW 7	CAPS LOCK KEY	CAPS LOCK ON/OFF SWITCH KEY, WATCH LED # 2
ARROW 8	BACK LIGHT FOR KEYBOARD	TURNS BACK LIGHT ON BY DOUBLE PRESSING THIS KEY
ARROW 9	THE SF KEY IS FOR THE INPUT SWITCH KEY	MOST KEYS HAVE TWO INPUT OPTIONS. PRESS THIS KEY WHEN YOU WANT TO SWITCH TO THE SECOND KEY MEANING.
ARROW 10/11	LEFT/RIGHT MOUSE BUTTON	OPERATES LIKE LEFT/RIGHT MOUSE BUTTON
ARROW 12	LASER HEAD	EMIT LASER BY PRESSING LASER POINTER BUTTON
ARROW 13	LASER POINTER BUTTON	PRESS THIS KEY TO ACTIVE LASER POINTER ON AND TURN IT OFF WHEN RELEASE IT.
ARROW 14	POWER SWITCH	TURNS UNIT ON AND OFF
ARROW 15	MINI USB JACK	FOR RECHARGE WITH USB CABLE CONNECTED TO COMPUTER
ARROW 16	USB TRANSCEIVER	COMMUNICATION DEVICE REQUIRED TO MANAGE UNIT

Note: The following keys operate identically to the standard keys on a personal computer keyboard: Ctrl; Esc; Del; Enter; BS(Backspace); ↑ ; ↓ ; ←; →; Alt;

## Starting Wireless Handheld Keyboard

Starting up this hardware and application is simple.

1. Plug the USB adaptor into any available USB port.
2. Power on the Wireless Handheld Keyboard by moving the slide switch as shown by arrow 14.
3. LED 2 will light up for about 30 seconds, then go out, this is normal. Please press any keys LED 2 will flash indicating proper operation of the unit and transmission between the USB adaptor and the Wireless Handheld Keyboard and Laser Pointer.

If you find that LED 2 is blinking rapidly please check the following two items:


1. Check your distance between the Keyboard and the computer. Is it within 30'?
  2. Check to see if you have plugged in the USB adaptor to your computer correctly.
4. The Wireless Handheld Keyboard has a battery saving feature.  
This feature puts the device into sleep mode if you do not use it after 3 minutes. LED 2 will blink continuously. You can wake up the unit by pressing any key for one second.

5. Arrow 9 points to the Input Switch Key

When this key is pressed LED 2 will light up. This LED will stay on until this key is pressed again. That means while this light is on any key you press will use its secondary input rather than its primary input. For example the key "Q" is normally "Q" or "q", but when you press the SF key it becomes the number "~". When you have selected the Input Switch Key LED 3 will light up. When you are in normal mode LED 3 will be off.

- 6 Arrow 3 points to the Fn key.

In order to bring users more convenience, the Wireless Handheld Keyboard also provides F1, F2, F3...F12, ↑, ↓ and "Ctrl+Alt+Del" (All of these keys are set the same color), which operate like those keys on the standard keyboard. Please press Key Fn together with the key you want to operate them, but if you only press FX on the Wireless Handheld Keyboard, that will make no sense. For example, normally we press key Ctrl, Alt, and Del on standard keyboard to enter Windows Task Manager. But with our Wireless Handheld Keyboard, you only need to press key Fn+Enter to accomplish it.

7. Switch between upper-case and lower-case input mode: If you are in lower-case input mode, press key . This way you can turn to upper-case input mode, LED2 will blink at an interval about 1 second. In order to return to lower-case input mode pressing the key again after you completed your upper-case input, the LED 2 goes out, take key Q as an example if the letter you type is "Q", then you press key Cap and what you type will be "q".

! Every time, completed your upper-case input, please switch to lower-case input mode immediately.

8. When LED 3 flash without any operation, this indicates your battery voltage has a low charge and needs to be recharged. The WirelessHandheld Keyboard is equipped with a re-chargeable battery. We have supplied you with a USB cable, which is plugged into a vacant USB slot on your computer and the bottom of the Wireless Handheld Keyboard, as indicated by arrow 9 above. During charging LED3 will light up with a steady on. When fully charged LED 3 will turn off. Please unplug the Wireless Handheld Keyboard from the USB cable.

9. If you wish to operate this Wireless Handheld Keyboard in a darkened room then you will want to use the Backlight Keyboard feature. In order to activate the Backlight feature please double press Key RF indicated by arrow 8.

10. The Touch Mouse Pad (TMP) is quite versatile. To create input with the TMP place your finger on the pad. Just move your finger on the TMP as though you were using your mouse pad. Watch the mouse move to where you want it, and then use the keyboard for whatever action you desire. You can draw patterns using the TMP if you have installed MS Paint, ScreenPen or other Paint software.

11. Wireless Handheld Keyboard has an option of built-in Laser Pointer, which provide an enhanced tool for your presentation, training, conference. press the Laser Pointer button indicated by arrow 13 to operate it, you can use this feature whatever the unit is on or off.

12. Rarely but possible if two or more Wireless Handheld Keyboard are within a close proximity the units may get confused. In that situation you need to run an ID Code Verification procedure. This is very simple process. Please unplug all the Wireless Handheld Keyboard USB Adaptors from their respective computers and then power off all of the Wireless Handheld Keyboard, Then take any pair of Wireless Handheld Keyboard and USB Adaptor to begin ID Code Verification procedure. First turn on your Wireless Handheld Keyboard and then re-insert the USB Adaptor into a vacant USB port. Now simultaneously press the Left Mouse Button as indicated by arrow 10 above and the RF key indicated by arrow 8 above until LED 1 begins to flash slowly. Immediately release both keys. You should see LED 1 flash rapidly for about 5 seconds. If you have observed this then you have successfully completed ID Code Verification

After completed ID Code Verification, use mouserate.exe to confirm the Wireless Handheld Keyboard works fine. Move TMP on Mouserate window, you read the average is about 70 or above, as more as better. If it is below the value, please repeat to adjust.

After you have completed the ID Code Verification the Wireless Handheld Keyboard will immediately enter power save mode. In order to wake the unit please presses any key.

If you find that LED1 are flashing slowly after your attempt at ID Code Verification then it means you have not successfully completed the pairing of the Wireless Handheld Keyboard with the USB Adaptor. You must then repeat this process until both units pair together. This process usually takes one time. We recommend that you are near your computer during this process.

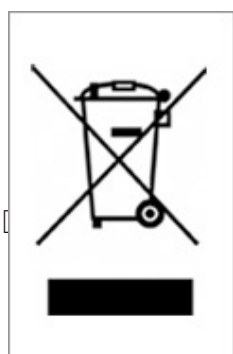
The Wireless Handheld Keyboard will operate in parallel with your existing keyboard and mouse. Any of the keyboards or mice will operate equally and simultaneously without interference or any configuration. This is truly a plug and play product.

## WEEE Directive & Product Disposal



At the end of its serviceable life, this product should not be treated as household or general waste. It should be handed over to the applicable collection point for the recycling of electrical and electronic equipment, or returned to the supplier for disposal

Notice to customers:



This symbol on the battery indicates that the battery is to be collected separately.

The following apply only to users in European countries.

This battery is designed for separate collection at an appropriate collection point.

Do not dispose of as household waste

For more information, contact the retailer or local authorities in charge of waste management.

### Caution :

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Compliance statement:

1: This device is verified to comply with Part 15 of the FCC Rules. Operation 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.

2: 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:

- 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