

Google TV Keyboard

- Multi-language supporting
- Multi-Touch & Scrolling bar

User Manual

Introduction:

EFO Google TV keyboard consists of keyboard, mouse, touchpad, and laser pointer 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.

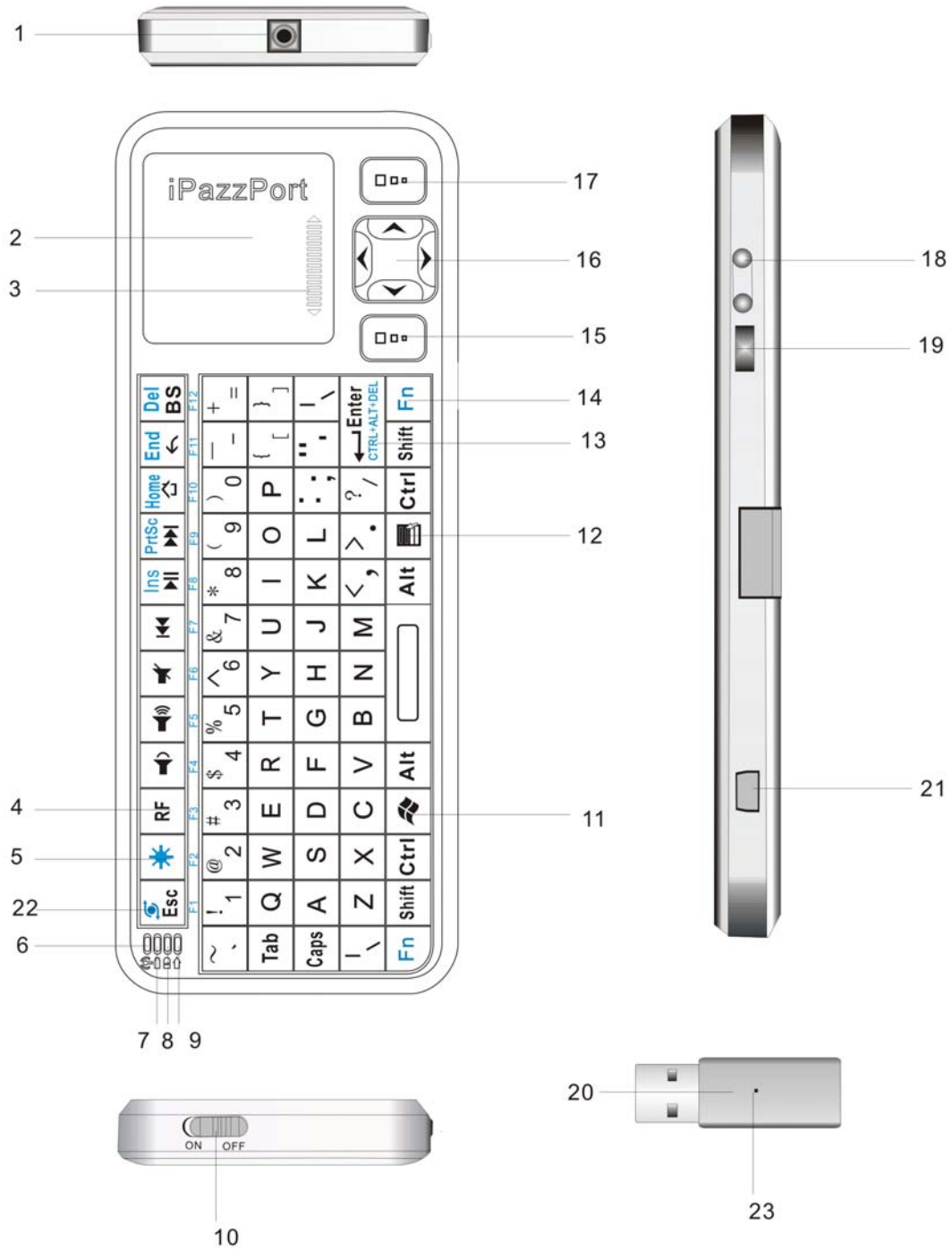
What's in your Package?

In the package with Google TV Keyboard, you will find a USB transceiver and a USB cable for charging the Google TV Keyboard.

Features and specifications:

- 2.4G DSSS radio transceiver
- Built-in re-chargeable Lithium-ion battery
- Backlit for operation in darken room
- Plug and play
- Portable size: 57 x 150 x 12.5mm
- Charge voltage/current: 5V/300mA
- Standby time: 600 hours
- QWERTY keyboard
- Built-in laser pointer

Let's familiarize ourselves with Google TV Keyboard



NUMBERED FEATURE	FUNCTION	OPERATION
ARROW 1	LASER EMITTER	PRESS LASER BUTTON (SEE ARROW 19) TO ACTIVE IT
ARROW 2	TOUCHPAD	SLIDE YOUR FINGER TO MOVER MOUSE
ARROW 3	SCROLL BAR	SLIDE YOUR FINGER ON THIS AREA TO SCROLL PAGE YOU VIEWING
ARROW 4	KEY RF	PRESS THIS KEY AND Fn TO PERFORM ID VERIFICATION
ARROW 5	BACKLIT BUTTON	PRESS TO POWER ON /OFF BACKLIT
ARROW 6	LED 1	LIGHT ON WHEN CHARGING AND OFF WHEN FULLY RECHAGED
ARROW 7	LED 2	LIGHT ON WHEN CONNECTED TO EXTERNAL POWER SOURCE
ARROW 8	LED 3	FLASHES WHEN SIGNAL TRANSMIT
ARROW 9	LED 4	LIGHT ON WHEN TURN TO CAPS LOCK INPUT
ARROW 10	POWER SWITCH	TURN ON /OFF THE UNIT
ARROW 11	SHORTCUT FOR START MENU	PRESS TO GO TO START MENU ON WINDOWS
ARROW 12	SHORTCUT MENU	PRESS TO GO TO SHORTCUT MENU
ARROW 13	COMBO KEY OF "Ctrl, Alt, Del"	PRESS THIS KEY TOGETHER WITH KEY "Fn" LIKE PRESS THESE THREE KEYS SIMULTANEOUSLY
ARROW 14	KEY Fn	WORK TOGETHER WITH OHTERS
ARROW 15	MOUSE LEFT	OPERATE LIKE MOUSE LEFT KEY
ARROW 16	NAVIGATE KEY	PRESS TO MOVE CURSOR UP, DOWN, LEFT AND RIGHT
ARROW 17	MOUSE RIGHT	OPERATE LIKE MOUSE RIGHT KEY
ARROW 18	PAGE DOWN/UP BUTTON	TURN PAGE UP OR DOWN
ARROW 19	LASER POINTER BUTTON	PRESS TO EMIT LASER AND RELEASE
ARROW 20	USB TRANSCEIVER	COMMUNICATION DEVICE REQUIRED TO MANAGE UNIT
ARROW 21	MINI USB PORT	FOR RECHARGE
ARROW 22	TOUCHPAD ROTATION	TOUCHPAD INPUT DIRECTION ROTATE
ARROW 23	ID RESET TRIGGER	REBUILD CONNECTION FOR ID VERIFICATION

Starting Wireless Handheld Keyboard

Starting up this hardware and application is simple.

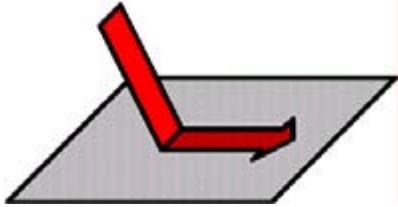

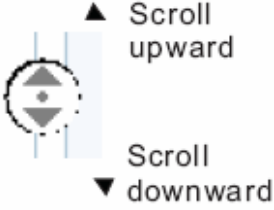


1. Plug the USB adaptor into any available USB port, LED on USB receiver will light on for about 3 seconds then flash that means Google TV Keyboard searches for pairing.
2. Power on the Google TV Keyboard by moving the slide switch to ON as shown by arrow 10.
3. LED 3 will flash one time then go out, this is normal. Please press any keys LED 3 will flash indicating proper operation of the unit and transmission between the USB adaptor and Google TV Keyboard. If you find that LED 3 is blinking rapidly please check the following two items:
 - Check your distance between the Keyboard and the computer. Is it within 30'?
 - Check to see if you have plugged in the USB adaptor to your computer correctly.
4. Google TV Keyboard has a battery saving feature – This feature puts the device into sleep mode if you do not use it for a long time. You can wake up the unit by pressing any key for one second.
5. Arrow 14 points to the Fn key - In order to bring users more convenience, Google TV Keyboard also provides F1, F2, F3...F12 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 F1, F2, F3...F12 on Google TV Keyboard, that will make no sense. The following keys need to be used with key Fn: F1,F2...F12, combo key of CTRL+ALT+DEL, Ins, Prt Scr, Home, End, Del, and Touchpad rotation key (see arrow 22)
6. Arrow 13 points to Ctrl+Alt+Del key - In many occasions we need to use keys: Ctrl+Alt+Del on standard keyboard when operate computer, such as restart system, lock users, terminate applications.... But now with Google TV Keyboard, you only press key Fn together with key "Enter" to complete your mission.
7. Arrow 22 points to key of touchpad rotation - As we know, sometimes we want to operate Google TV keyboard vertically, and sometimes horizontally, when operation direction is rotated from vertical to horizontal, but touchpad will not. For example, the operated direction is rotated. When you slide your finger on the touchpad vertically, and the mouse cursor on the screen of computer will move horizontally, so please press key Fn together with key of touchpad rotation to rotate the touchpad, this way,

mouse cursor will move in corresponding direction.

8. When the backlit lights up without any operation, this indicates your battery voltage has a low charge and needs to be recharged. Google TV 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 Google TV Keyboard, as indicated by arrow 21 above. During charging LED1 will light up with a steady on. When fully charged, LED 1 will go out and LED2 will on, unplug the Google TV Keyboard from the USB cable and LED2 will go out too.
9. If you wish to operate Google TV Keyboard in a darkened room, then you will want to use the Backlight Keyboard feature. In order to activate the Backlight feature, please press backlit button indicated by arrow 5 to turn on/off the backlight.
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. Google TV Keyboard has built-in Laser Pointer, which provide an enhanced tool for your presentation, training, and conference. Press the Laser Pointer button indicated by arrow 19 to operate it, you can use this feature no matter the unit is on or off.

Multi-touch application:

The touchpad supports various gestures, the related gesture and function is described below:

Touchpad Function	Mouse Function	Finger Gesture	Finger Action	Remark
Moving	Move Cursor		Slide one finger on the touchpad	
Middle button click	Middle button click		Tap the touchpad with two finger simultaneously	 <p>Scroll pages quickly when browse website Scroll upward Scroll downward</p>
Vertical two finger scroll	Scroll middle key		Slide two finger vertically	Slide two finger vertically to scroll your page Zoom in or out the picture when view pictures
Right click	Right button click		Tap the touchpad with three fingers simultaneously	

ID CODE VERIFICATION:

Rarely but possible if two or more Google TV Keyboards are within a close proximity, the units may get confused. In that situation you need to run an ID Code Verification procedure. This is a very simple process. Please unplug all Google TV Keyboards and power off all of them, then select any pair of them and re-plug the USB transceiver to the computer, press the ID RESET TRIGGER indicated by arrow 23 till the LED on the USB TRANSCIVER flash one time then release it, you will see the led on USB receiver flash quickly, then press key "RF" indicated by arrow 4 and Fn simultaneously, and led 2 on the keyboard will flash quickly, now release both of them and both two LEDS will go out means the keyboard and USB receiver has finished its ID CODE VERIFICATION procedure.

After completed ID Code Verification, use mouserate.exe to confirm Google TV 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, Google TV Keyboard will immediately enter power save mode. In order to wake the unit, please press any key.

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