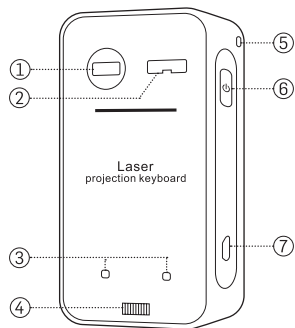




Laser Projection Keyboard

User Manual



- | | |
|------------------------------------|-------------------|
| 1. Sensor | 5. Key Ring Strap |
| 2. Keyboard-Projecting Laser Light | 6. Power Switch |
| 3. LED Indicators | 7. Micro USB Port |
| 4. Infrared Light | for Charging |

Product Features

- English QWERTY keyboard layout
- Full-size keys for ease of use
- Mouse function
- Portable design, suitable for travel
- Superior durability
- Built-in rechargeable lithium-ion polymer battery for mobility and convenience
- Compatible with latest operating systems: Windows XP & later, Windows Phone 7 & later, iOS4 & later, Android 4.0 & later, Mac OS X & later

Safety Precautions

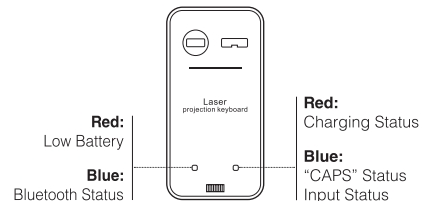
- Avoid exposure to direct sunlight or heat sources for extended periods of time.
 - Any sudden change in atmosphere temperature may cause a malfunction.
 - Press the buttons gently; otherwise the device may be damaged, voiding the warranty.
 - Do not disassemble or service the device by yourself. Doing so may result in electric shocks and will void the warranty.
 - This is a Class 2 laser product. For your safety, please do not stare into the laser source. Doing so could injure your eyes.
 - Do not put anything between the device and the projected keyboard.
 - Only use the projector on flat surfaces. Avoid uneven, transparent, or reflective surfaces.
- Note:** Because this product uses infrared light, strong infrared radiation from direct or reflected sunlight or from tungsten (halogen or incandescent) lighting may cause malfunction.

Parts of the Device and Their Functions

1. Projector: Projects the image of a keyboard on a flat surface, using laser beams.
2. Sensor: Detects reflected infrared light and locates keystrokes on the laser-projected keyboard.
3. Infrared Light: Emits invisible infrared light which covers the laser-projected keyboard.

LED Indicators and Their Signals:

Left	
Searching for devices for Bluetooth connection	Blinking blue
Successful connection	Turning off after blinking blue
Low battery	Blinking red
Right	
Caps Lock on	Blue
User is typing	Blinking blue
Battery charging	Red



Bluetooth Connection Requirements

- Laser Projection Keyboard supports Bluetooth HID.
- Connection via Bluetooth HID does not require a separate driver as long as the device you want to connect with has HID compatibility.
- Some devices require Bluetooth 2.1 or later for connection.

Note: Laser Projection Keyboard will automatically re-connect to previously-connected devices. If no such device is found, it will search for available HID-compatible devices for connection.

Bluetooth Connection Instructions

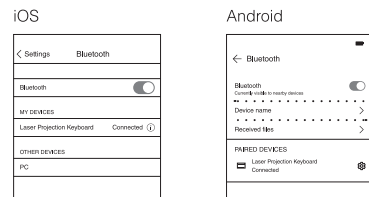
1. Turn on Laser Projection Keyboard.
2. Upon turning on, the keyboard will search for available Bluetooth devices. This process is indicated by the left LED indicator blinking blue. For the sake of convenience, it will automatically be connected to the device which it was most recently connected to among the available devices.
If the Laser Projection Keyboard is already connected to a device via Bluetooth and you want to connect it to another device, turn off Bluetooth on that device. Then the left LED indicator will blink again and you can set up a new connection.
3. On the device which you want to connect with, go to Bluetooth settings > Bluetooth devices.
4. Choose Laser Projection Keyboard.





5. Upon successful connection, the LED indicator will stop blinking and turn off.

Screenshot of a successful connection



Power Saving Mode Guide

- The brightness of the laser beams will decrease if there is no activity for 30 seconds.
- Press any key to bring the brightness back up.
- The factory-default brightness level is the highest.
- If there is no activity for 5 minutes, the keyboard will automatically switch to standby mode.

How to Adjust Brightness and Typing Volume

» Projection Brightness Adjustment:

- The Laser Projection Keyboard features four levels of brightness.
- To increase/decrease the brightness: Press and hold the FN key and press the UP/DOWN arrow key, respectively.

Note: All adjustments must be repeated for each level.

» Typing Volume Adjustment:

- There are five volume levels. Turning off the device does not change the sound volume.
- To turn volume up/down: Tap and hold the "FN" key and tap the RIGHT/LEFT arrow key, respectively.

How to Use the Mouse

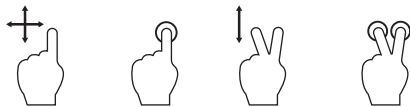
- To use the mouse, press the **FN** key. The brightness of the projected keyboard will decrease.
- To use the keyboard again, press the **FN** button again. The brightness will resume its brightness.

Note: Not all devices support the mouse function. It is supported by most Windows, Android, and Mac OS devices, but not iOS.

Note: If the brightness of the Laser Projected Keyboard is low and you cannot type, check to see whether the mouse is on. If it is, press the **FN** key to switch back to the keyboard.

- When the projector is turned on, the keyboard mode will be on by default.

Control the Cursor Click Drag & Scroll Right Click



Specifications

Pattern Projector and Sensor	
Light Source	Red Laser Diode
Keyboard Layout	19mm Pitch, QWERTY Layout
Keyboard Size	Width: 245mm, Height: 100mm
Keyboard Location	90mm from the bottom of device
Operating Surface	Non-reflective, opaque flat surface
Electrical Specifications	
External Power Supply	USB Power (less than 5V, 500mA)
Battery & Capacity	Lithium-ion Polymer Battery, 700mAh (Max) @ 3.7V
Battery Operating Time	120 min
Battery Charging Time	120 min
Bluetooth	3.0, HID Profile Ver 1.0
Frequency Range	2402-2480MHz
Channel	79
Modulation	GFSK
Dimensions and Weight	
Size	78 x 40 x 20mm
Weight	54g

Included with Purchase

- Laser Projection Keyboard
- USB Cable
- Instruction Manual

CE The device complies with the European Directives 2014/30/EU.

♻️ At the end of its service life, this product may not be disposed of in the normal household waste, but rather must be disposed of at a collection point for recycling electrical and electronic devices. The materials are recyclable according to their labelling. You make an important contribution to protecting our environment by reusing, recycling, or utilizing old devices in other ways. Please ask the municipal administration where the appropriate disposal facility is located.

Subject to change.

