ProtoArc | ROYALAXE

L75

BT 3.0/BT 5.0/2.4G/Wired Three Mode Mechanical Gaming Keyboard

USER MANUAL

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1. Fn+ — : Reset
2. Fn+ — : Screen brightness +
3. Fn+ — : Screen brightness +
4. Fn+ — : Screen brightness +
5. Fn+ — : Multi screen display
6. Fn+ — : Back to the desktop
7. Fn+ — : Media Player
8. Fn+ — : Pre song
9. Fn+ — : Play/Pause
10. Fn+ — : Next song
11. Fn+ — : Mute
12. Fn+ — : Volume −
13. Fn+ — : Volume +
14. Fn+ — : Input method switching
15. Fn+ — : Bluetooth mode 1
16. Fn+ — : Bluetooth mode 2
17. Fn+ — : Bluetooth mode 3
18. Fn+ — : Switch to iOS system
19. Fn+ — : Switch to MAC system
20. Fn+ — : Switch to WIN system
21. Fn+ — : Battery indicator
22. Fn+ — : Monochromatic light switching
23. Fn+ — : Switch the RGB light mode
24. Fn+ — : RGB Light switch
25. Fn+ — : Switch the RGB light strip mode/Turn off the RGB light strip

26. Cap Lock : Caps lock indicator
    Mute :Mute indicator
    : Low battery indicator
27. Fn+ — : Decrease the RGB light frequency
28. Fn+ — : Increase the RGB light brightness
29. Fn+ — : Decrease the RGB light brightness
30. Fn+ — : Increase the RGB light frequency
31. Wired mode
    2.4G wireless mode
    BT Bluetooth mode
32. Type-C charging/wired interface
33. ON/OFF power switch
34. 2.4G receiver

Wired Connection

1. Insert the TYPE-C interface of the charging cable into the keyboard, and connect the USB interface to your computer.

2. Switch to Wired mode

3. The LCD Color Screen displays "CONNECTED", indicating a successful connection.

Note:
In TYPE-C wired mode, the "ON/OFF" switch has no function.

2.4G Connection

1. Turn the power switch to ON.

2. Take out the dongle and insert the dongle into the USB port of the computer.

3. Switch to 2.4G mode

4. The LCD Color Screen displays "CONNECTED", indicating a successful connection.

Bluetooth Connection

1. Turn the power switch to ON. Switch to BT mode.
Take the connection to BT1 as an example as follows:

2. The LCD Color Screen displays "UNLINKING". Long press the Fn+Q keys about 3 to 5 seconds, until the corresponding indicator below will flash quickly. The LCD Color Screen displays "PAIRING".

≤ win7
≥ win8

3. Turn on the Bluetooth of your computer or other devices, search and select "L75 BT3.0" or "L75 BT5.0" and start Bluetooth pairing. The LCD Color Screen displays "Connected", indicating a successful connection.

Notes:
1. Windows 7 and below system versions do not support Bluetooth 5.0.
2. The device number corresponding to Bluetooth 3.0 is L75 BT3.0, and the device number corresponding to Bluetooth 5.0 is L75 BT5.0.

Mode Switching

Q | Mode channel 1 Bluetooth 1 channel
W | Mode channel 2 Bluetooth 2 channel
E | Mode channel 3 Bluetooth 3 channel

Mode channel 1 Bluetooth 1 channel
Mode channel 4 2.4G wireless channel
Mode channel 5 Wired channel

1. Mode channel: The keyboard has 5 channels, BT1, BT2, BT3, 2.4G, wired, and 5 devices can be connected at the same time.
2. Mode switch: Turn the switch between Wired/C-IO/BT. Press Fn + Q, W or E to switch between different Bluetooth channels of BT1, BT2 and BT3.

iOS/Mac/Win layout switching
Short press to switch system layout

Fn +
I — Switch to iOS system
O — Switch to MAC system
P — Switch to Windows system

Note: the default setting is Windows layout.

LCD Screen

1. Mode channel: The keyboard has 5 channels, BT1, BT2, BT3, 2.4G, wired, and 5 devices can be connected at the same time.
2. Mode switch: Turn the switch between Wired/C-IO/BT. Press Fn + Q, W or E to switch between different Bluetooth channels of BT1, BT2 and BT3.

Year/Month/Day/Time display
Current system layout
Battery Status
Current mode

Note: Click "Adjust Screen Time" to update the date and time displayed on the LCD screen (retrieve the current time from the computer).

Sketchpad Mode

1. Select "RGB mode"
2. Select the prepared GIF animation and drag it into the area ②.

(Upload Animation)

3. Click the "Upload file" option.
4. Select "Preview gif" to view the imported animation.
5. Select "Upload gif" to upload animation to the LCD screen.
6. After a successful upload, the display screen will show the customized animation. Press FN+Ctrl to switch back to the default style.

Charging guide

1. Low voltage reminder: ① The light flashes red to remind low voltage.

2. When the charging cable's Type-C interface is plugged into the keyboard and the USB interface is connected to your computer, the charging process begins, the light ② stays red continuously, and the battery icon in LCD screen displays charging animation.

3. When charging is complete, the green light illuminates, and the LCD screen displays the battery at 100%.

Note:
During the charging process, all modes are not controlled by the "ON/OFF" switch and are directly powered by the charging cable.

Custom Driver

For custom mode please go to the following URL to download official driver.
https://www.protoarc.com
Find "Support" from the Header Menu > "Driver Download"
Note: The driver can only be used in wired and 2.4G mode.

Technical Specifications
- Connection method: wired / 2.4GHz / Bluetooth 3.0 / Bluetooth 5.0
- Wireless range: 2.4GHz(4×8ft/15 meters), Bluetooth(33ft/10 meters)
- Working current and voltage: 5V, 500mA(max)
- Keyboard keys: 81 keys
- Keycap material: PBT
- Mechanical switch lifespan: 100 million times
- Lithium battery capacity: 4000mAh
- Keyboard product size: 13.6" x 5.9" x 1.5"
- Weight: 2.2 lbs

System Requirement
1. 1 × USB port
2. Bluetooth 3.0/Bluetooth 5.0
3. Windows® 7,Windows® 8,Windows® 10 or later, Android 3.2 and above; Mac OS 10.5 or later
Note:: Multimedia functions are partially invalid in different OS versions.

Troubleshooting
1. Ensure that the product's USB wireless receiver is properly inserted into the computer's USB port.
2. Ensure that your computer meets the minimum system requirements.
3. If the product and the wireless receiver are beyond the effective connection distance, please reduce the distance between the product and the receiver.

Attention
1. For cleaning, please use dry, soft cotton fabric, etc.
2. Do not fold or bend the product.
3. Do not forcefully disassemble the product.
4. Avoid getting the product wet, exposed to direct sunlight, or near open flames.
5. Do not directly rinse with water.
6. The keyboard is designed to be charged with a rated voltage of 5V based on the USB protocol. Please use the computer's USB interface for charging and avoid using a charger to charge the keyboard.
7. During use, prevent liquids from entering the internal components, as this may cause short circuits and electrical malfunctions.

Switch Replacement

1. Use the keycap puller(included) to pull out the keycap.
2. Put out the switch with the switch puller(included).
3. To install the new switch, align it with the corresponding holes in the keyboard.
4. Place the new switch on the socket.
5. Gently press the new switch into the socket.
6. Once the keycap is installed, it can be used normally.
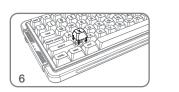
Important Safety and Compliance Information

Dear customer,

Thank you for purchasing ROYALAXE × ProtoArc products. To ensure you receive reliable after-sales service, please read the following instructions carefully. The product warranty period is valid for one year from the date of purchase (the date of receipt of the return receipt and the invoice date of the buyer).

The following situations are not covered by the after-sales service:

1. Inability to provide a valid warranty card and invoice (excluding those that can prove the product is within the valid warranty period) or any unauthorized alteration of the warranty.
2. The product model and serial number on the warranty card do not match the physical product or lack the distributor's seal.
3. Alteration, removal, or illegibility of the model number, serial number, or production date code on the product.
4. Defects resulting from excessive use outside the intended purpose, such as non-stop use in a commercial environment.
5. Damage caused by not using the product in accordance with the provided instructions.
6. Damage caused by the use of pirated software or computer viruses during use.
7. Damage caused by accidents, unauthorized repair, or service from unapproved vendors.
8. Damage caused by force majeure.
9. Product malfunction due to accidental disconnection, signal interference, or other influencing factors during use.
10. Normal wear and tear defects or defects in consumable parts by nature.
11. The product not functioning properly because it was not originally designed, manufactured, or approved for use in the country where you use the product, which might occur when you imported the product.
If the product functions you purchased are defective or cannot be used normally, please contact your local retailer.

The serial number filled in the form must match the actual product. This certificate is the primary document for after-sales service, so please keep it safe. If you need technical support, please present this warranty card, and we will provide quality and professional services.

(Warranty Card)

Commodity Information	Name	
	Place of origin	
	Model No.	
	Serial No.	
User info.	Address	
	Tel.	
	Postcode	
	Retailer	
Sales info.	Address	
	Tel.	
	Postcode	
	Sale date	
	Invoice No.	
	Stamp & Signature	
Maintenance info.	Maintenance company name	
	Address	
	Tel.	
	Postcode	
	Document No.	
	Date	
	Signature	

Dear customer, the above information is to be filled in by the seller. Please cooperate with us. Thank you!

The following information shall be filled in by the maintenance agency and returned to the customer.

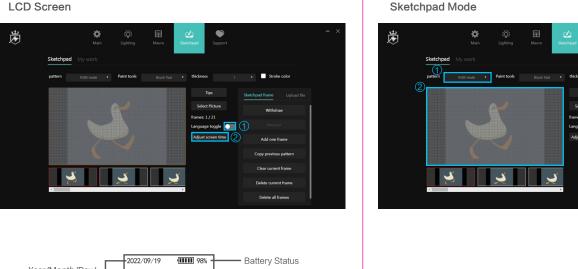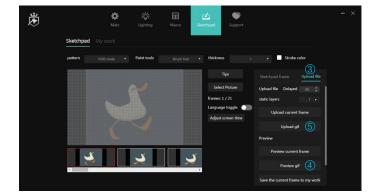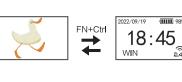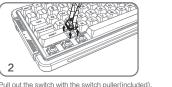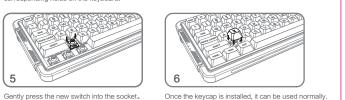## Customer Support:
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