

L102 Wireless Light Tag

User Manual



www.hycoiot.com

Disclaimer

Disclaimer ©2018 Shanghai Hyco Genyong Technology Co., Ltd. All rights reserved.

Please read through the manual carefully before using the product and operate it according to the manual. It is advised that you should keep this manual for future reference.

Do not disassemble the device or remove the seal label from the device. Otherwise, Shanghai Hyco Genyong Technology Co., Ltd. does not assume responsibility for the warranty or replacement.

All pictures in this manual are for reference only and actual product may differ. Regarding to the product modification and update, Shanghai Hyco Genyong Technology Co., Ltd. reserves the right to make changes to any software or product to improve reliability, function, or design at any time without notice. Besides, the information contained herein is subject to change without prior notice.

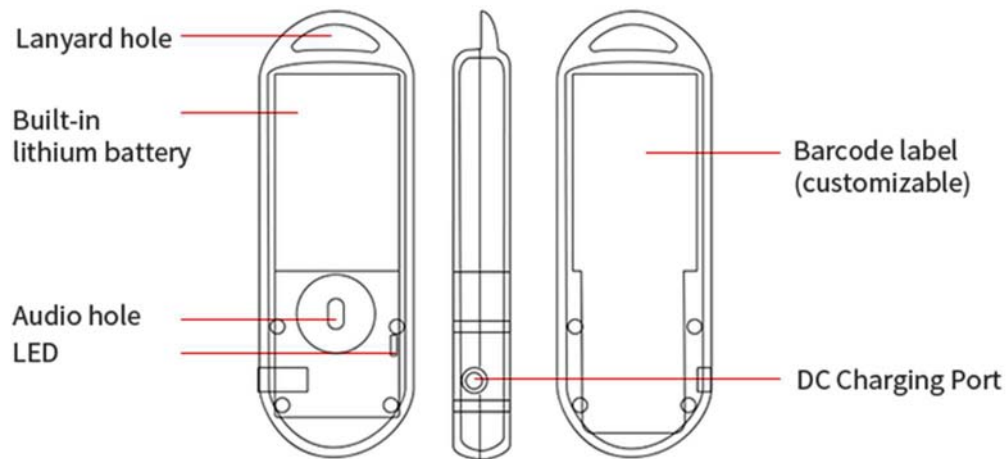
The products depicted in this manual may include software copyrighted by Shanghai Hyco Genyong Technology Co., Ltd. or a third party. The user, corporation or individual, shall not duplicate, in whole or in part, distribute, modify, decompile, disassemble, decode, reverse engineer, rent, transfer or sublicense such software without prior written consent from the copyright holders.

This manual is copyrighted. No part of this publication may be reproduced or used in any form without written permission from Hyco.

Please visit www.hycoiot.com or check the latest version of the specification sheet for the latest product information

1. Design

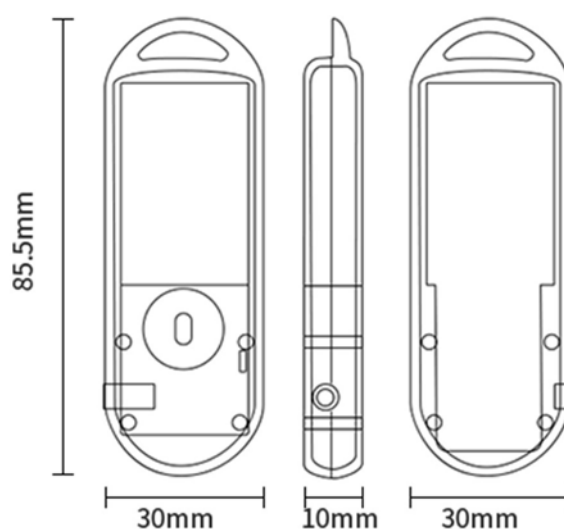
L102 is easy to use. It can be clipped on the items, quickly find the corresponding items through the light and sound, make the process more efficient, reduce the labor cost and save the shelf space at the same time. It has no need to install wiring. The battery is replaceable. One base station matches 65536 indicators at the same time.



2. Components

Components	Quantity
Wireless Light Tag	Provided as required
Base Station	Provided as required (1 pcs as default)
Clip	Provided as required (optional or self-purchased)
User Manual	1

3. Specification



Model	L102
Weight	23g
Dimensions (W*D*H)	85.5mm*30mm*10mm
LED Indicator	RGB LED (programmable)
Buzzer	Supported
Communication	2.4G
Installation	Clip/Stick
Battery (Rechargeable)	600mAh@3.7V
Battery Life*	20months
Recharging	With C102 centralized charger (supports charging 10 devices at the same time)
Operating Temperature	-10°C to 50°C(14°F to 122°F)
Humidity	0% - 80% RH (non-condensing)

*The ideal testing conditions for the lab's endurance working hours are as follows: the L102 Wireless Light Tag is awakened and controlled by the base station once a day, and the sound and light prompts are turned off for 30 seconds before entering the standby test data. The actual endurance working hours are calculated based on the specific usage conditions

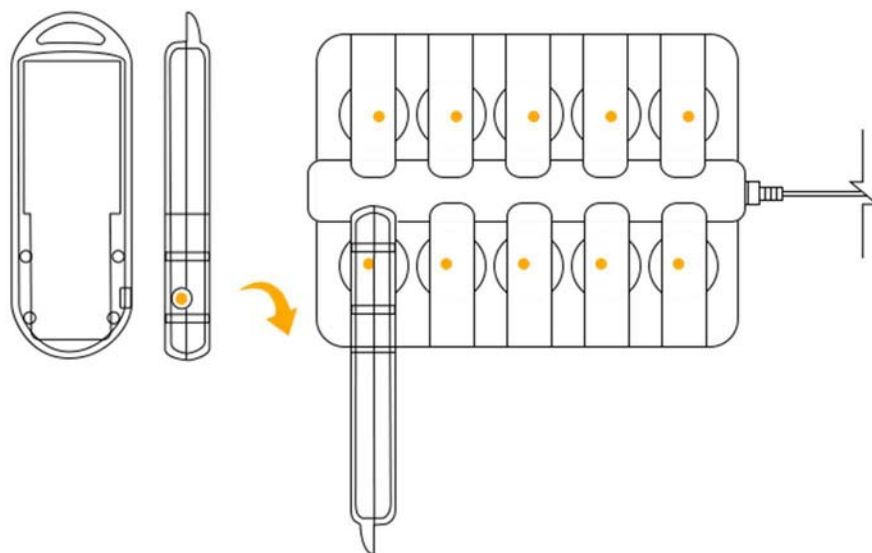
4. Operation

4.1 How to charge

Align the DC charging port of L102 downwards with the corresponding charging pin in each slot of the C102 centralized charging device, press downward to ensure reliable insertion of L102 into the charging pin.

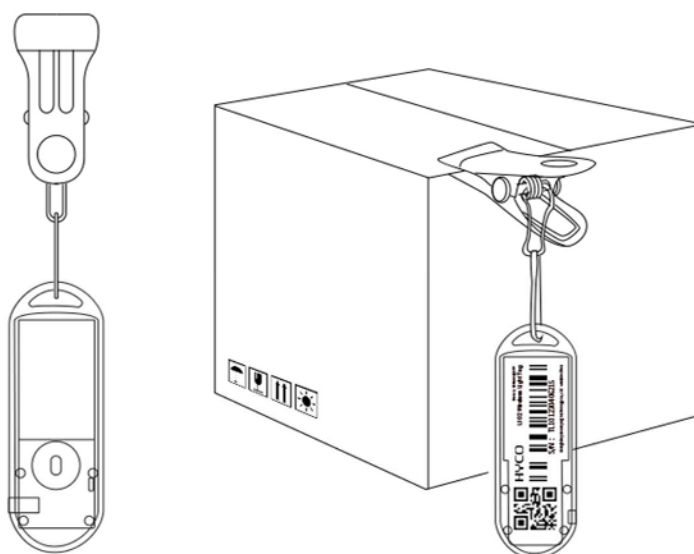
When proper contact and charging established, the status LED at the corresponding position on the C102 centralized charging device will switch from green to red, and when the charging is completed, it will revert from red to green.

(Note: If L102 is not securely connected to the charging pins during insertion, the status LED will remain green and will not turn red.)



4.2 How to use

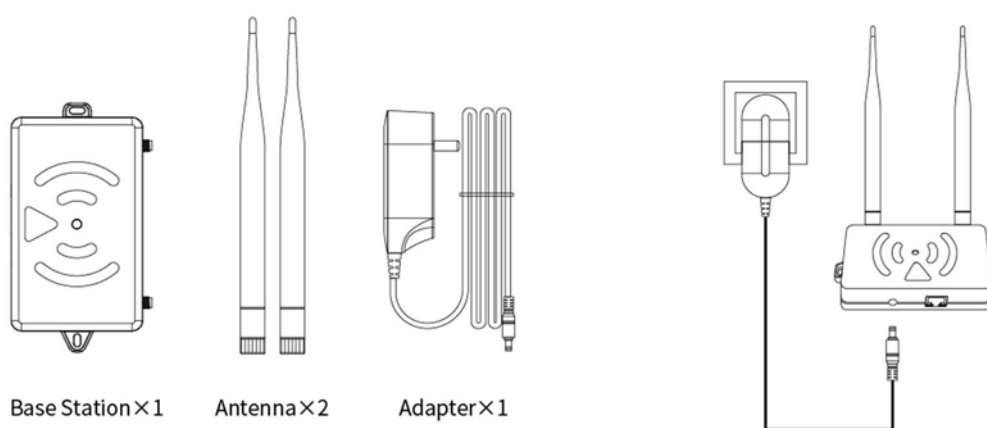
Put the clip and strap through the lanyard hole and hang it for use. No need wiring.



4.3 How to connect

Take the base station out of the box, install the antennas and connect the adapter to the power socket. The red light indicates installation finished.

* To connect with WiFi, the base station should be connected to the router with a network cable. The green light indicates installation finished.

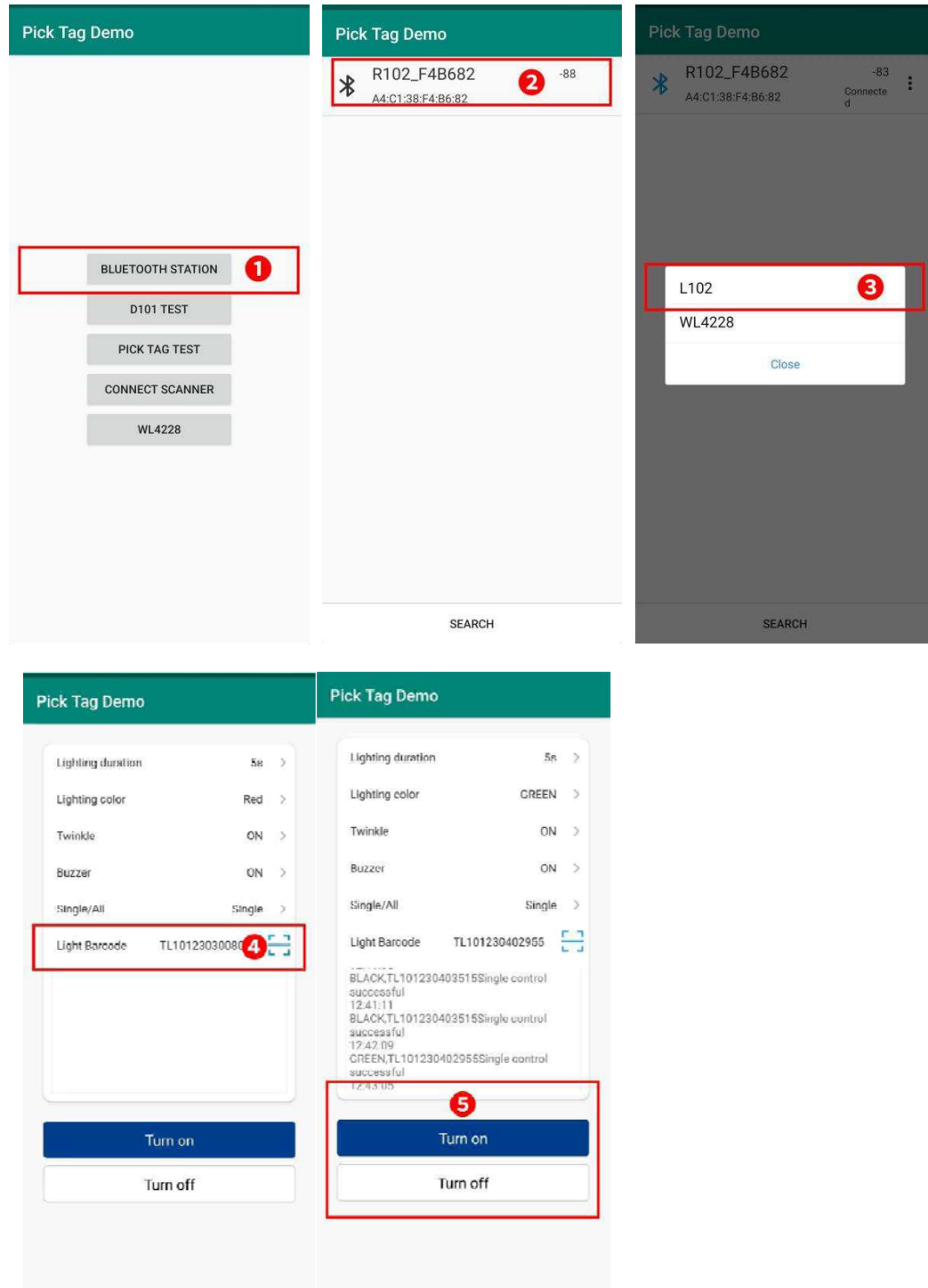


4.4 How to bind

Install **Pick Tag Demo APP** in the Android smart phone/tablet. Open the APP, click 'BLUETOOTH STATION' and search R102 base station at to match and

connect via Bluetooth. After the connection completed, click 'L102' and find scanning button '[-]' at the homepage, and scan the S/N barcode or QR code on the indicator to bind, and then start light control.

***Download the Demo APP at <https://www.hycoiot.com/download/app-release.apk>**



4.5 Indicator functions

Set the parameters 'time duration', 'light colour', 'flash', 'buzzer' and 'single/full control', click [on] and [off] button to check the light effect.

*Time Duration (default 5 sec)

5 options: 0 sec, 5 sec, 10 sec, 20 sec, 30 sec.

*Light Colour (default red)

5 options: red, green, yellow, blue, purple.

*Flash (default on)

2 options: on and off.

*Buzzer (default on)

2 options: on and off.

*Single/Full Control (default single control)

> Full Control: to control the total indicators. It can light up all the indicators without scanning the QR code of them;

> Single Control: set the [Wireless Light Tag barcode] option, scan the barcode or QR code of the indicator with the demo APP and save it to light up individually.

5. Service

1 year warranty for the Wireless Light Tag (free repair within 1 year, except for human causes).

6. Notice

*6.1 Please handle the product carefully to avoid fail usage due to poor battery contact.

*6.2 Replace a new battery if the current one runs out of power.

*6.3 Please prevent the product from contacting with water and all kinds of liquids. Keep away from the inflammables when charging.

*6.4 Do not charge this product in the sun, near the heat source or closed environment.

HYCO Technology

Website: www.hycoiot.com

Email: global_sales@hycoiot.com

FCC Statement

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

This device complies with part 15 of the FCC Rules. Operation is 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.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Note : 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.

ISED RSS Warning/ISED RF Exposure Statement

ISED RSS Warning:

This device complies with Innovation, Science and Economic Development Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including

interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'ISED applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

ISED RF exposure statement:

This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. Le rayonnement de la classe B respecte ISED fixaient un environnement non contrôlés. Installation et mise en œuvre de ce matériel devrait avec écarteur distance minimale entre 20 cm ton corps. Lanceurs ou ne peuvent pas coexister cette antenne ou capteurs avec d'autres.