Software s BLE LED Tag Supporting Software Owner's Manual

Software s BLE LED Tag Supporting Software Owner's Manual

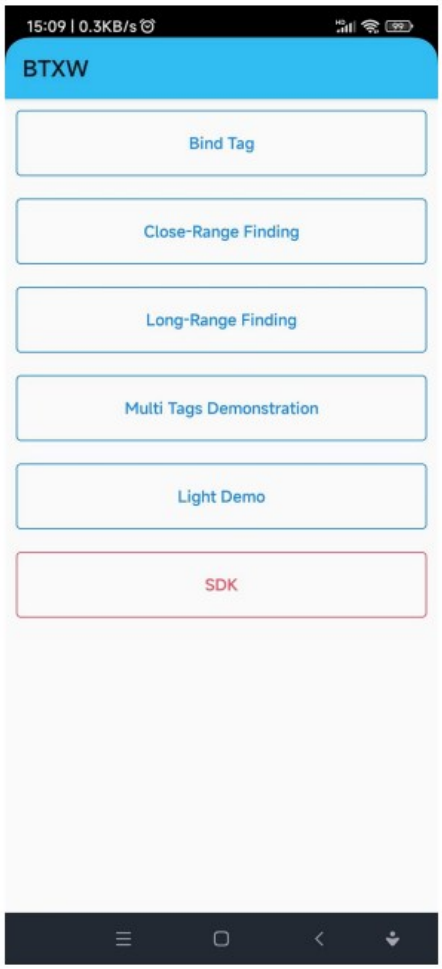
The software supporting the Bluetooth object-finding tag has three mainfunctions:

Bind the tag; Click/sweep at close range; Long-distance object finding.Function 1, label binding action, this step is specially formulated inordertoestablish a corresponding relationship between physical objects (orders) andlabels.Function 2, close-range object-finding, is intended to be used when the searchareais small (within 10 meters of visual range). This function provides QR codescanningorafter selecting a certain label in the full list, it will actively connect to thespecifieditem label and send an audible and visual reminder. This function is a singleremindersearch (the length of the reminder time can be set, 3-20 seconds).
Function 3, long-distance object finding, is intended to be used when thesearchareais large (above 100 square meters). On the APP side of the smart tablet,enterthe"Long distance Finding" menu, select a certain tag, and make a prompt accordingtotheRSSI value of the tag; until the RSSI is greater than -70db (about 3-8 meters away),connectthe tag device and The sound and light prompts are sent in a loop until theAPPclicksto end the search and the object is found.

Contents

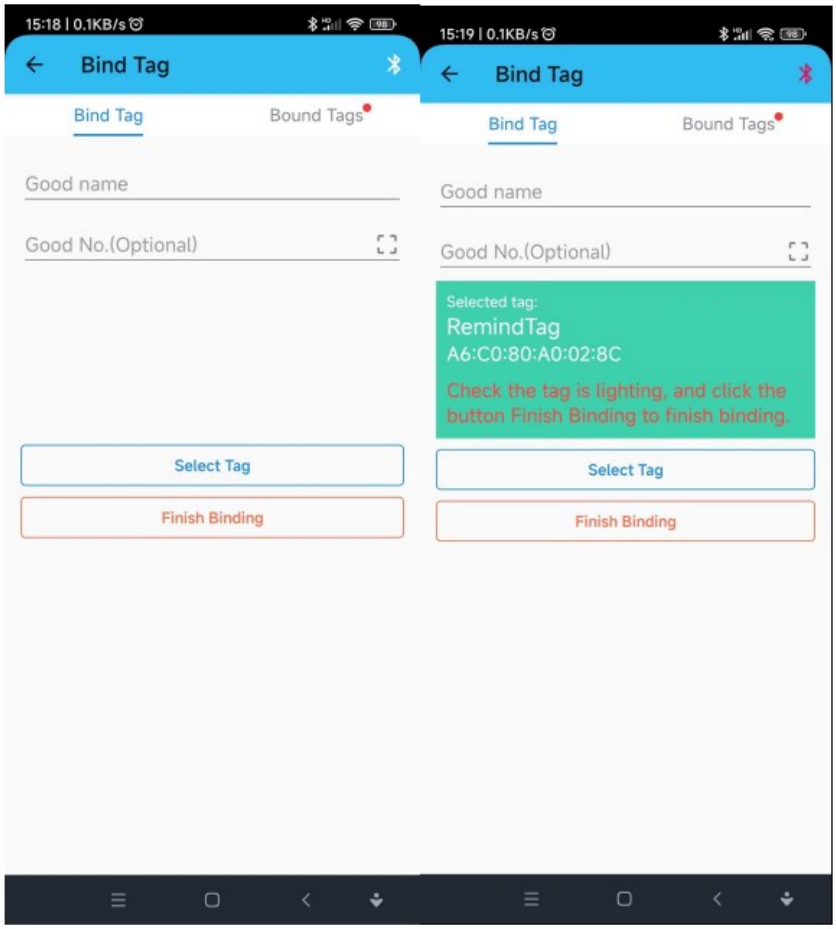
1 Software main interface
2 Bind tag
3 Click to find objects
4 Scan barcode QR code to find objects
5 Find objects in close range
6 Find objects in far range
7 Label development and testing
8 FCC Caution
9 Documents / Resources
10 Related Posts

Software main interface

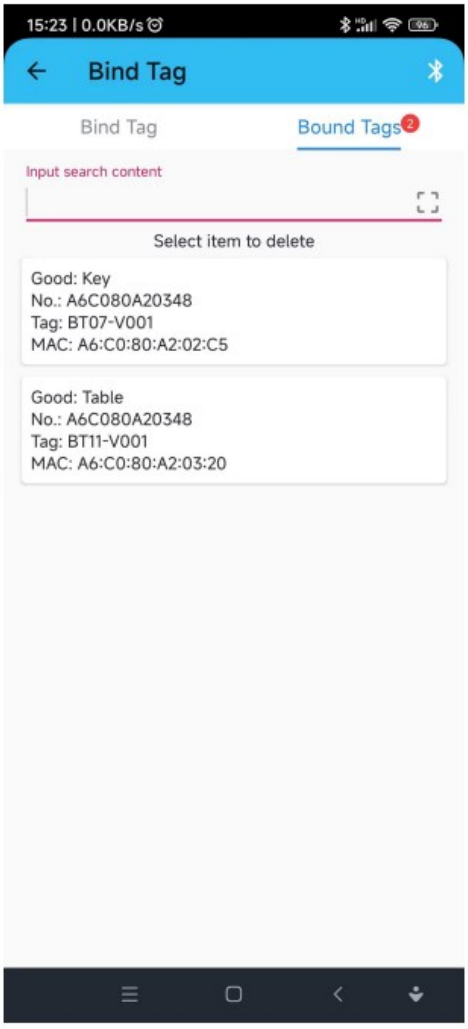


Bind tag

First of all, you need to correspond to the label corresponding to the bound item. After thelabel isattached to a certain item, the mobile phone is close to the label and click the “Select Label”menu.After waiting for 5 seconds, select the label with the largest RSSI value in the list (the label namedefaults to RemindTag), the selected tag will keep flashing to confirm the selection, thenenter theitem name, and the customized item number (to facilitate subsequent scanning and selection), andclick “Complete Binding”.

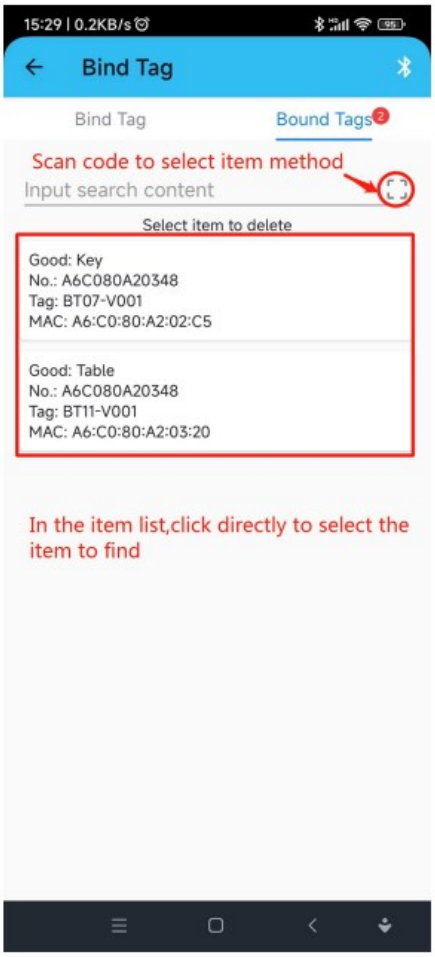


See an example of a bound label:



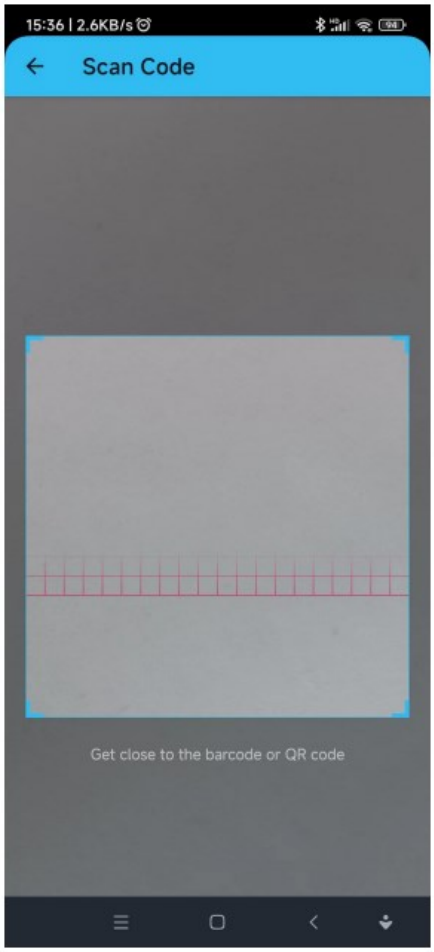
Click to find objects

After entering the long-distance search or short-distance search menu, you can choose to findobjectsbyclicking or scanning.



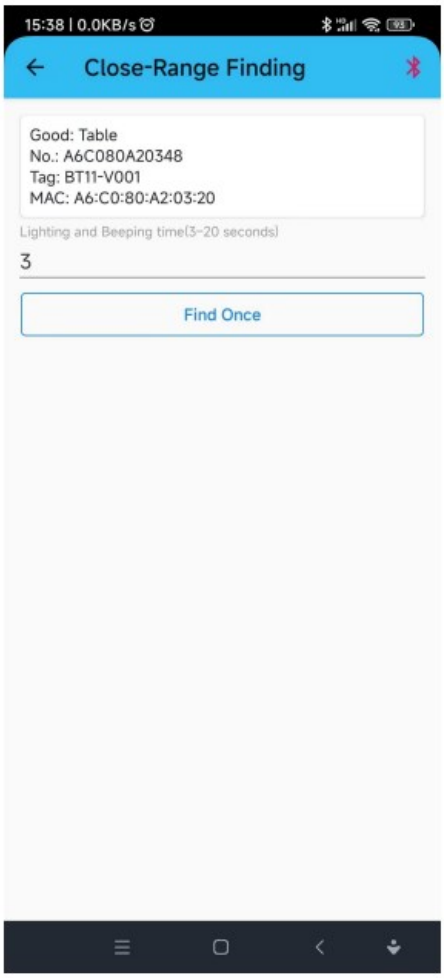
Scan barcode QR code to find objects

After clicking the small scan code icon, scan the specified barcode or QR code correspondingtotheitem(“item number” in the binding step)



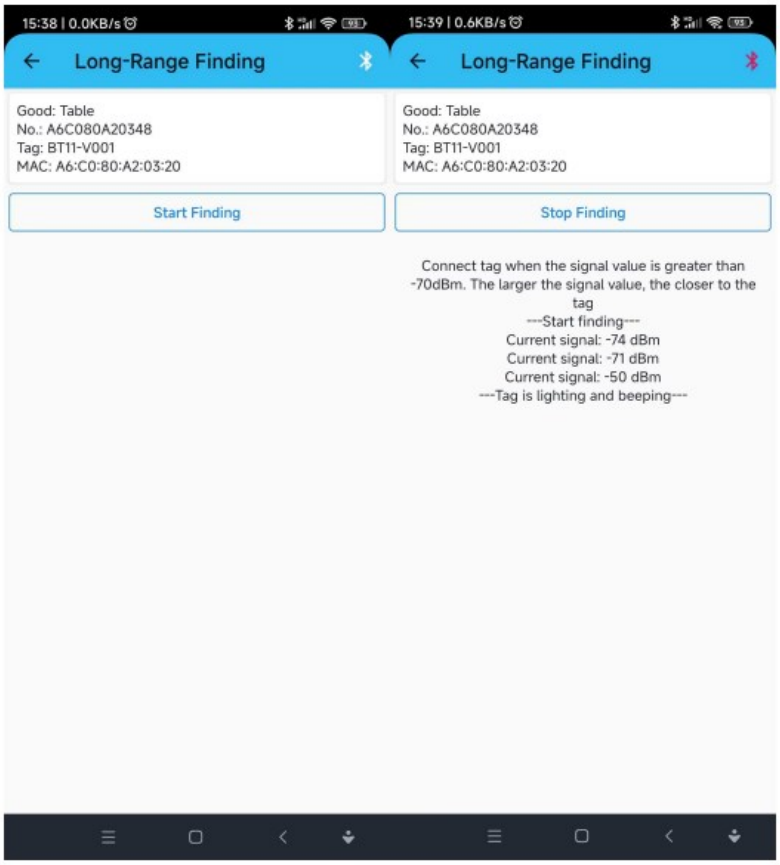
Find objects in close range

After selecting an item, enter the following interface. The small circle icon in the upper right cornerindicates the status of the item being searched (red if successful, gray if not found). Click the”One-timeFind” menu successfully, and the label on the item will be displayed. The correspondingflashingindicator light (the duration of the prompt can be changed from 3 to 20 seconds).



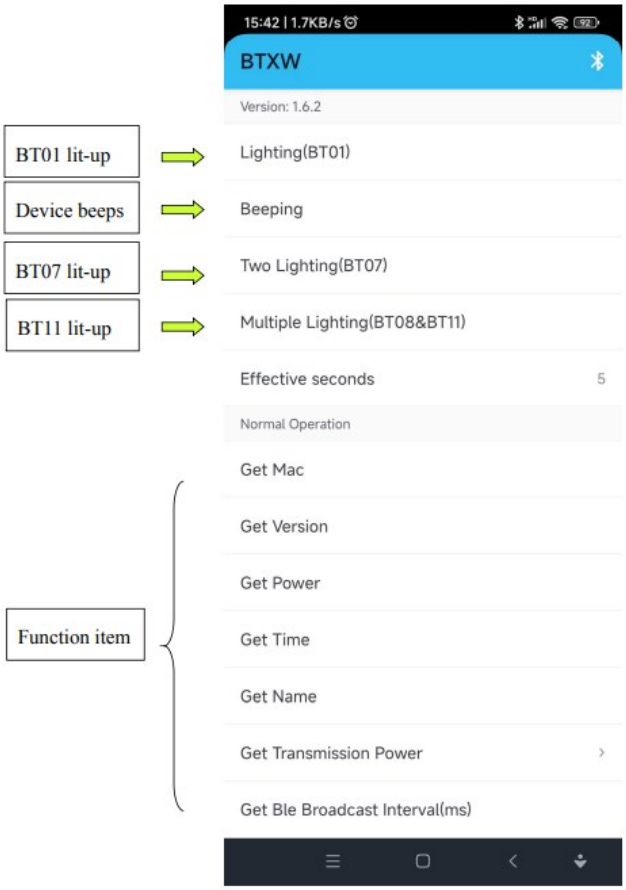
Find objects in far range

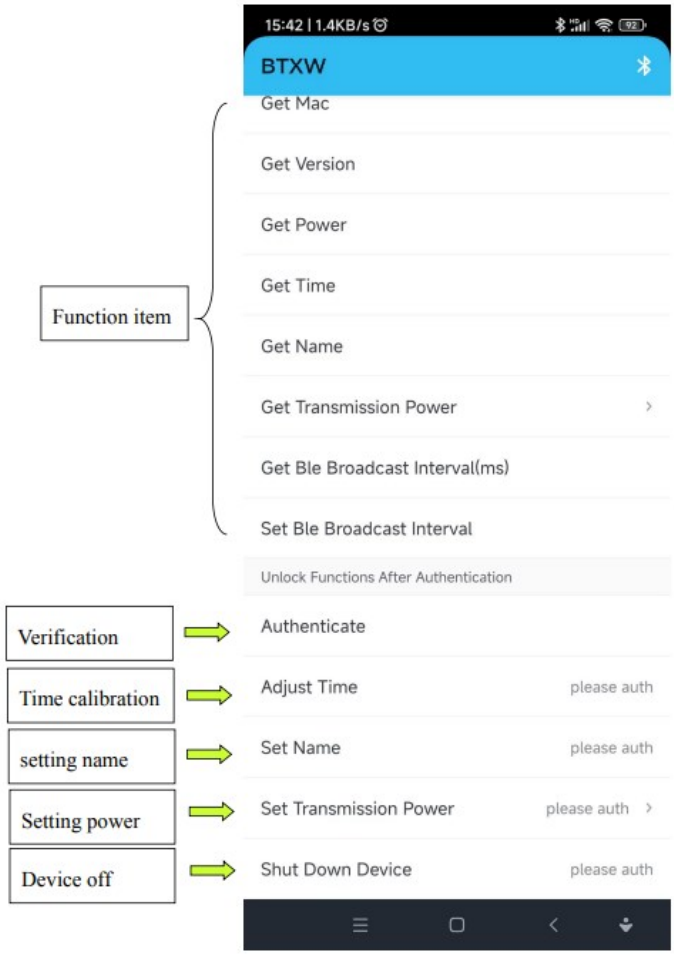
After selecting an item, enter the following interface, click the “Start Finding” menu, and thecurrentsignal value will be continuously updated as shown in the figure on the right. When facingthedirectionof the item, the signal value is relatively large, and the opposite signal value is smaller. Whenit isabout3-8 meters away from the item, the signal value will be greater than -70dBm, and the small Bluetoothicon in the upper right corner will be displayed in red. At this time, the label on the itemwill keepflashing the indicator light (the prompt will end after 3 seconds)



Label development and testing

This function is a test function specially developed for customers to develop by themselves, which is convenient for customers to develop auxiliary tests by the mselves.





FCC Caution

15.19 Labelling requirements.
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.

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

15.105 Information to the user.
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 theequipment 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.

***RF warning for Mobile device:**
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

Documents / Resources

 BLE LED Tag Supporting Software Function Introduction	Software s BLE LED Tag Supporting Software [pdf] Owner's Manual BLE LED Tag Supporting Software, Supporting Software, Software