

# **Bluetooth/2.4G/Wire Wireless Barcode Scanner**

## **User Manual**



**V3.11**

Bluetooth+2.4G+wire

## **Specification**

- 1, Support Bluetooth/2.4G/Wired and can be switched.
- 2, Support Bluetooth-HID/SPP/BLE and can be switched.
- 3, Bluetooth HID and 2.4G support long press to switch.
- 4, Bluetooth: 10 m viewing distance wireless transmission.
- 5, In Bluetooth mode, Supports all versions of windows.
- 6, In Bluetooth mode, Supports Mac、Android、IOS etc.
- 7, In Bluetooth-offline mode, Double-click to switch reconnect state and match state.
- 8, 2.4G: 100 m viewing distance wireless transmission.
- 9, Support most USB devices in 2.4G mode.
- 10, In HID mode, Support multi-Language.
- 11, Wired mode can be disabled by setting code.
- 12, Three tips: Buzzer &Indicator &Vibration.
- 13, 16MB storage.
- 14, Support Instant upload Mode、storage Mode.
- 15, Efficient power management, long working hours.
- 16, Buttons: long life, comfortable, quiet.
- 17, Support online upgrade.

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## Shape description

Dimensions: 120mmX48mmx23mm

### Charge LED:

When charging, the green light is on, charging is complete, the green light goes out.

### Decoder LED:

Green light, Decoding is complete, flashing once.

### Bluetooth/2.4G LED:

Press button, the scanner starts, Enter Bluetooth reconnect state, the blue light the green light flashes alternately, Please double-click ,The scanner enters Bluetooth pairing mode and the blue light flashes quickly, Perform Bluetooth connection operation, When the Bluetooth connection is successful, the blue light is always on. Switch to 2.4G mode, the blue light goes out, Connection successful, the green light is always on.

### Wire Mode:

Insert the cable and it will automatically become wired, Unplug the USB cable, the scanner returns to the previous mode. Wired function, can be disabled by setting code.



# Quick-start

## 1, Restore defaults

- 1, Scan the “Restore defaults”.



Restore defaults

## 2, Bluetooth connection

- 1, Press the button, the buzzer sounds, the scanner starts.
- 2, Double-click button, The blue light flashing which means in matching mode, Choose the scanner is going to pair with the host, When the connection is successful, the blue light is always on and the buzzer drops once.

3, The Scanner name: “Scanner XXX” The "XXX" indicates Bluetooth mode, For example : HID,SPP,BLE.

## 3, 2.4G connection

When the scanner is in Bluetooth-mode, Insert the 2.4G receiver into the USB, Press the button for 8 seconds or scan the (Mode switch) setting code, The scanner will switch and match the 2.4G receiver. The middle green light is on, the buzzer sounds twice, indicating 2.4G connection is successful.

## 4, 2.4G to Bluetooth-HID

When the scanner is in 2.4G-mode, Press the button for 8 seconds or scan the (Mode switch) setting code, The scanner switches to Bluetooth HID mode and automatically reconnects the last connected Bluetooth device.

Ps: Recommending use 2.4G mode at the PC.

## Working Mode



### Instant upload Mode \*

Barcode data is uploaded to your device.

(1): Upload successfully: The buzzer rang “ Di ”.

(2): Upload failed: The buzzer rang “ Di-Di-Di ”.



### Storage mode

Barcode data is stored in the scanner memory.

(1): Save successfully: The buzzer rang “ Do-Di ”.

(2): Save failed: The buzzer range “ Di-Di-Di ”.



### Show total storage

Show total number of memory.



### Upload Data

After the data is uploaded, the stored barcode data will not be automatically deleted and can be uploaded multiple times, Please upload as close as possible to the receiver, ensure the signal is good, or upload by cable.



### Clear data

Clear all data in memory, Please use it with caution!

# Pairing operation

## 1, Bluetooth pairing operation

- 1, Scan "Bluetooth HID"(SPP/BLE scans SPP or BLE)



Bluetooth HID

- 2, Scan "Pairing", the blue light flashing which means in pairing  
(Note: At this point, double-click will exit the pairing state.)



Pairing

- 3, Choose the scanner is going to pair with the host, When the connection is successful, the blue light is always on and the buzzer drops once.

## 2, 2.4G pairing operation

- 1, Scan "2.4G".



2.4G

- 2, Scan "Pairing", the mid-green light flashing which means in pairing.



Pairing

- 3, Insert 2.4G-Receiver, When the connection is successful, the mid-green light is always on and the buzzer drops twice.

## 3, Communication mode

Support Bluetooth -HID/SPP/BLE/2.4G



2.4G



Bluetooth HID\*



Bluetooth SPP



Bluetooth BLE

## Bluetooth-HID speed



Fast\*



Middle



Low



Lowest

Note: If the data is lost, Please set the slow speed.

## IOS keyboard



Show/hide IOS keyboard

Note: Scan this barcode to show/hide the keyboard in IOS .



Show/hide IOS keyboard  
double-click -ON\*



Show/hide IOS keyboard  
double-click -OFF

## Power and Standby



show battery level

### Sleep time setting



30s



1min



2min



5min\*



10min



30min



Not sleep



Shutdown



## Sound



Low tone



High tone\*



Closed sound



Low volume



Medium volume



High volume\*

## Vibration & Wired

### Vibration ON/OFF



Vibration-ON\*



Vibration-OFF

Note: If you do not need vibration, Set OFF and extend the use time.

### Wired ON/OFF



Wired-ON\*



Wired-OFF

Note: Wired Settings, effective after plug – in.

## Capital & Lowercase



Don't convert \*

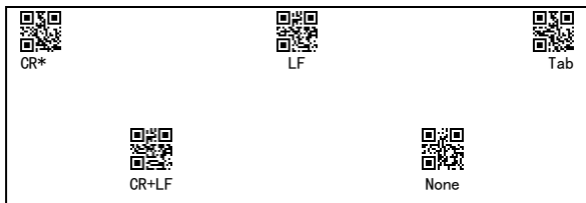


All Lowercase

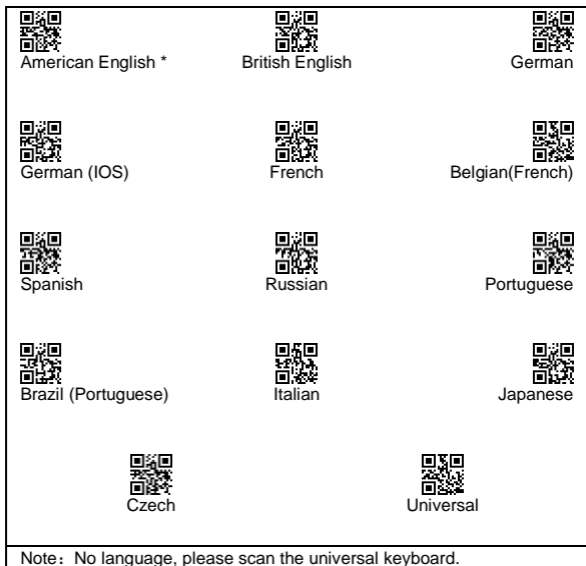


All capital

## End character



## Language



# Data editing

## 1, Hide front/back characters

1, Scan you want "speed-barcode"



Hide front character



Hide back character

Note: "Hide front/back character" can take effect simultaneously.

2, Scan hidden bits.



1



2



3



4



5



6



7



8

Cancel this setting, please followed by step 1 .

## 2, Prefix and suffix

1, Scan you want "prefix or suffix".



prefix



suffix

Note: "prefix and suffix" can take effect simultaneously.

2, Scan the character barcode you want to add. (appendix).

Note: Up to 32 characters can be added.

Cancel this setting, please followed by step 1 .

# LED & Buzzer

## 1, The middle two LDE instructions

(Bluetooth status light: blue LED; 2.4G status light: green LED)

Blue OFF, Green flashing: 2.4G pairing/Reconnection status,

Pairing successful, Green ON.

Green:OFF, Blue flashing: Bluetooth-HID pairing status,

Pairing successful, Blue ON

Green OFF, Blue Slow-flashing: Bluetooth-SPP pairing status,

Pairing successful, Blue ON

Green OFF, Blue Fast-flashing: Bluetooth-SPP pairing status,

Pairing successful, Blue ON

“Blue and Green” Alternating flash:

Bluetooth-HID Reconnection status.

“Blue and Green” Synchronous slow flashing: update status.

## 2, Buzzer

Di---: The scanner starts or shutdown.

Di: Successful decoding, connection succeeded.

Di---Di---: Disconnect.

Do-Di: Save successfully, Scanned wrong setting code

Di-Do: Scanned setting code.

Di-Di-Di: Transmission failed, Storage overflow.

Di-Di-Di-Di-Di: Low battery.

## FAQ

### 1, Reconnection & Match (In Bluetooth mode)

In the offline state of Bluetooth HID, double-click can be used to switch the Bluetooth reconnection status and the Bluetooth matching status. If you don't want to connect to the last device, double-click the button before the Bluetooth reconnect succeeds. It will switch to the Bluetooth match state to connect to the new device and double-click again to switch to the reconnect state.

### 2, Power-on judgment

After starting up, the mid-blue and mid-green lights flicker alternately, indicating that the scanner is in Bluetooth HID reconnection state.

After starting up, the mid-green light flashes, and the scanner is in a 2.4g reconnect state

### 3, Can't search the scanner

- ① Make sure the scanner is in HID-mode.
- ② Whether the scanner in matching state- blue light flashing?

### 4, Bluetooth connected but not upload























- ① Whether the scanner set to storage mode, Please set to Instant upload Mode.
- ② Whether the scanner set to 2.4G mode (check mid-led status).
- ③ Please check the Bluetooth mode (HID,SPP,BLE)












### 5, 2.4G connected but not upload












Whether the mid-green light is always on to confirm the connection is successful., Otherwise, please re-pair the 2.4G receiver, please refer to the 2.4G pairing chapter.












More support, please contact the manufacturer.












## Appendix: ASCLL-Barcode Table

SOH	 %%01	FF	 %%0C
STX	 %%02	CR	 %%0D
ETX	 %%03	F1	 %%0E
EOT	 %%04	F2	 %%0F
ENQ	 %%05	F3	 %%10
ACK	 %%06	F4	 %%11
BEL	 %%07	F5	 %%12
BS Backspace	 %%08	F6	 %%13
TAB	 %%09	F7	 %%14
LF	 %%0A	F8	 %%15
VT	 %%0B	F9	 %%16












F10	 %%17
F11	 %%18
F12	 %%19
SUB	 %%1A
ESC	 %%1B
FS	 %%1C
GS	 %%1D
RS	 %%1E
US	 %%1F
Space	 %%20
!	 %%21












"	 %%22
#	 %%23
\$	 %%24
%	 %%25
&	 %%26
'	 %%27
(	 %%28
)	 %%29
*	 %%2A
+	 %%2B
,	 %%2C












-	 %%2D
.	 %%2E
/	 %%2F
0	 %%30
1	 %%31
2	 %%32
3	 %%33
4	 %%34
5	 %%35
6	 %%36
7	 %%37












8	 %%38
9	 %%39
:	 %%3A
;	 %%3B
<	 %%3C
=	 %%3D
>	 %%3E
?	 %%3F
@	 %%40
A	 %%41
B	 %%42




















C	 %%43
D	 %%44
E	 %%45
F	 %%46
G	 %%47
H	 %%48
I	 %%49
J	 %%4A
K	 %%4B
L	 %%4C
M	 %%4D

N	 %%4E
O	 %%4F
P	 %%50
Q	 %%51
R	 %%52
S	 %%53
T	 %%54
U	 %%55
V	 %%56
W	 %%57
X	 %%58

Y	 %%59
Z	 %%5A
[	 %%5B
\	 %%5C
]	 %%5D
^	 %%5E
_	 %%5F
`	 %%60
a	 %%61
b	 %%62
c	 %%63

d	 %%64
e	 %%65
f	 %%66
g	 %%67
h	 %%68
i	 %%69
j	 %%6A
k	 %%6B
l	 %%6C
m	 %%6D
n	 %%6E

o	 %%6F
p	 %%70
q	 %%71
r	 %%72
s	 %%73
t	 %%74
u	 %%75
v	 %%76
w	 %%77
x	 %%78
y	 %%79

z	 %%7A
{	 %%7B
	 %%7C
}	 %%7D
~	 %%7E
DEL	 %%7F