

# 2D Bluetooth Barcode Scanner User Manual



Version

## Factory Default



### Pair instruction:

**A:Barcode Scanner pair with Cradle**  
Step 1, Scan Below Pairing Code I , Code II in sequence,and the scanner LED indicator become



I



II

Step 2,Connect the Cradle to host device through the data cable and wait a second, the LED indicator both become blue on barcode scanner and cradle after succeed pair.

**B:Barcode scanner pair with bluetooth device**  
Step 1,Scan Below Pairing Code I, Code II in sequence,and the scanner LED indicator become blue and flashing.



I



II

Step 2, Open mobile device bluetooth settings and search for "RB\_Scanner\_HID" then connect it. When the scanner LED indicator becomes blue, the pairing is complete.

## 3 Optional Wireless Mode



Normal



Automatic Storage  
(default)



Inventory

- Note:**
- 1) Instant upload mode: Scan the barcode to enter the instant upload mode. You will hear a "beep" sound normally. In this mode, the scanned results will be uploaded to the computer instantly.
  - 2) Internal storage mode (inventory mode): Scan the barcode to enter the inventory mode. The scanned data will be stored in the internal memory. A "beep" sound will be heard normally. All barcodes stored in this mode can be uploaded by scanning the setting code. data to computer.
  - 3) Automatic storage mode (default mode): Scan the barcode to enter automatic storage mode, that is, no loss mode. In this mode, when there is a signal (the normal sound is a "beep"), the data will be uploaded to the computer immediately. When the signal is weak or there is no When there is a signal (the normal sound is a "tick"), the scanned data will be stored in the internal memory. When there is a signal, the data will be automatically uploaded to the computer.

## Data Upload Instruction in Inventory Mode



Upload all data



Upload new data



Display all data



Display new data



Data delete

## Scan Mode



Manual(default)



Continuous



Auto-sensing

## End Character



CR(default)



CR&LF



TAB



None

## Keyboard Caps Lock Control



None(default)



Capitalize



Lower case



Case Swap

## Sleep Time



1Min



5Min



10Min



None

Buzzer



ON



OFF



Low



High

Prefix Setting



Add Prefix



Modify Prefix

Eg , Add Prefix “A”  
**Step 1**, Scan below code to enter into “add Prefix”  
**Step 2**, Scan below code to add “Prefix”  
**Step 3**, Scan the numeric code correspond to “A” ,  
the ASCII value of A in Hexadecimal is “4” “1”  
Refer to Appendix 1 & Appendix 2  
**Step 4**, Scan “save” code to save(refer to  
Appendix 1)

Suffix Setting



Add Suffix



Modify Suffix

Eg , Add Suffix “A”  
**Step 1**, Scan below code to enter into “add Suffix”  
**Step 2**, Scan below code to add “Suffix”  
**Step 3**, Scan the numeric code correspond to “A” ,  
the ASCII value of A in Hexadecimal is “4” “1”  
Refer to Appendix 1 & Appendix 2  
**Step 4**, Scan “save” code to save(refer to  
Appendix 1)

Image Reverse



Disable



Enable

Keyboard Language



USA(default)



French



Brazilian



Japanese



German



Italian



Turkey-F



Turkey-Q



Portuguese



Spanish

Barcode Calibration bit Setting



Enable



Disable

Transmit Speed



No Delay(default)



Delay 10ms



Delay 20ms



Delay 30ms

UPC-A to EAN13



Enable



Disable

Appendix 1:



0



1



2



3



4



5



6



7



8



9



A



B



C



D



E



F



Saved

Appendix 2 :

Hex	Char
00	NUL (Null char.)
01	SOH (Start of Header)
02	STX (Start of Text)
03	ETX (End of Text)
04	EDT (End of Transmission)
05	ENQ (Enquiry)
06	ACK (Acknowledgment)
07	BEL (Bell)
08	BS (Backspace)
09	HT (Horizontal Tab)
0a	LF (Line Feed)
0b	VT (Vertical Tab)
0c	FF (Form Feed)
0d	CR (Carriage Return)
0e	SO (Shift Out)
0f	SI (Shift in)
10	DLE (Data Link Escape)
11	DC1 (XON) (Device Control 1)
12	DC2 (Device Control 2)
13	DC3 (XOFF) (Device Control 3)
14	DC4 (Device Control 4)
15	NAK (Negative Acknowledgment)
16	SYN (Synchronous Idle)
17	ETB (End of Trans. Block)
18	CAN (Cancel)
19	EM (End of Medium)
1a	SUB (Substitute)
1b	ESC (Escape)
1c	FS (File Separator)
1d	GS (Group Separator)
1e	RS (Request to Send)
1f	US (Unit Separator)
20	SP (Space)
21	! (Exclamation Mark)
22	" (Double Quote)
23	# (Number Sign)
24	\$ (Dollar Sign)
25	% (Percent)
26	& (Ampersand)
27	' (Single Quote)
28	( (Right / Closing Parenthesis)
29	) (Right / Closing Parenthesis)
2a	* (Asterisk)
2b	+ (Plus)
2c	, (Comma)
2d	- (Minus / Dash)
2e	. (Dot)
2f	/ (Forward Slash)
30	0
31	1
32	2
33	3
34	4
35	5
36	6
37	7
38	8
39	9
3a	: (Colon)
3b	; (Semi-colon)
3c	< (Less Than)
3d	= (Equal Sign)
3e	> (Greater Than)
3f	? (Question Mark)

Hex	Char
40	@ (AT Symbol)
41	A
42	B
43	C
44	D
45	E
46	F
47	G
48	H
49	I
4a	J
4b	K
4c	L
4d	M
4e	N
4f	O
50	P
51	Q
52	R
53	S
54	T
55	U
56	V
57	W
58	X
59	Y
5a	Z
5b	[ (Left / Opening Bracket)
5c	\ (Back Slash)
5d	] (Right / Closing Bracket)
5e	^ (Caret / Circumflex)
5f	_ (Underscore)
60	` (Grave Accent)
61	a
62	b
63	c
64	d
65	e
66	f
67	g
68	h
69	i
6a	j
6b	k
6c	l
6d	m
6e	n
6f	o
70	p
71	q
72	r
73	s
74	t
75	u
76	v
77	w
78	x
79	y
7a	z
7b	{ (Left / Opening Brace)
7c	(Vertical Bar)
7d	} (Right / Closing Brace)
7e	~ (Tilde)
7f	DEL (Delete)

**FCC Warning:**

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.

**Caution:** Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this 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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0cm between the radiator and your body.