MJ3670 Portable Wireless Barcode Scanner Manual

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Technical Parameter:

	1
Mfr P/N	MJ3670
Туре	2.4G, Bluetooth, USB wired
Wireless Transmission Range	Inside 15m, outside 30m
Storage Capacity	Approx 2MB, can store approx 100,000 barcodes
Battery Capacity	3.7v360mAh
Charging Power	DC 5V 1000mA
Standby	> 10mA
Operating Current	> 150mA
Sleeping Power Consumption	0mA
Light Source Type	Laser
Interface	Micro USB
Continuity	Turn on the vibration mode can work continuously for 140 minutes
Certificate	CE, FCC, RoHS, IPS4
Applicable 1D barcode	EANIS. EANS. UPC-B: UPC-Eb: UPC-Ei: Codel: IBS. Codel/br: Interleaved 2 of 5: Industrial 2 of 5: Matrix 2 of 5: Codel/br: Si-Repress Students 2 of 5: Plessey. China Posts. GS1 Databur (RSS-Expand, RSS-Limited, RSS-14)

Indicator And Buzzer Status Description

Indicator light description

Green light--> Charging indicator

- (1) Every time the code is successfully scanned, it flashes rapidly once
- (2) When USB or 2.4G and Bluetooth HID are not connected, it will be off
- (3) When the USB or 2.4G or Bluetooth is connected, it is always on
- (4) When entering 2.4G or Bluetooth HID pairing, then flashing constantly
- (5) When entering Bluetooth SPP/BLE pairing, it will be slow flashing

Buzzer Description

- Along sound --> states are: (1) indicates power on (power on).
 - (2) Pailure during Bluetooth data transmission.
- A short sound --> the status is: (1) reading common bercode successfully and uploading successfully.
 - (2) Successful USB connection.
 - (3) Successful 2.4G/Bluetooth connection or pairing.
- High and low short tones --> the status is: (1) obtaining the setting code successfully.
 - (2) Storage of data is successful.
 - (3) Uploading data completed. (4) Enter shutdown state.
- Three short tones --> states with. (1) USB/2.4G/Bluetooth connection is disconnected.
 - (2) Unsuccessful data upload or storage Plash is full.
 - (3) The setup code function is not working.

Three short tones with high and low sounds --> status: insufficient power, ready to enter the shutdown state.



Output method

USB priority output(*)

Simultaneous output mode

Notes: Simultaneous output mode: USB and 2.4G or Bluetooth are output at the same time (determined by the communication mode) where 2.4G or Bluetooth output is unsuccessful an alarm is raised

Data transfer mode

Auto Storage Mode

Remark.

In normal mode, the scanned data will be uploaded instantly, and the alarm will be raised if the transmission fails, and the data will not be saved. In automatic storage mode, the data will be saved automatically when the distance is exceeded, and when you need to upload the automatically saved data, you can scan the setting code "upload all data" to upload the saved data.

In inventory mode, the scanned barcode will be saved automatically, if you need to check the statistics or upload data, you can

scan the corresponding setting barcode to check it.

Communication Mode

8010& 2.4G Mode(*) Bluetooth BLE Mode &013& Bluetooth SPP Mode

Note: Bluetooth HID mode, is switched to HID mode, the previously paired Bluetooth, will automatically connect.

Bluetooth BLE transmissive mode, Bluetooth devices (i.e. cell phones / IPAD and other Bluetooth devices) need to download or develop low-power Bluetooth RI E transmissive software to use

Bluetooth SPP pass-through mode, Bluetooth devices (i.e. mobile phones/IPAD and other Bluetooth devices) need to download or develop classic Bluetooth SPP pass-through software to use.

nication, the alarm indicates that the entry of Bluetooth is not successful

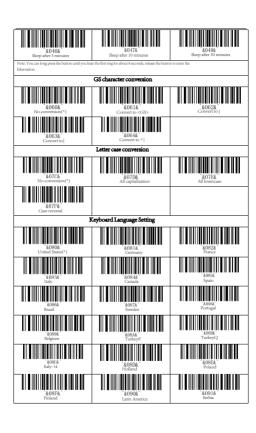
USB Interface Type



Note: Setting the USB interface type will change the interface type of both the transmitter (i.e. scanner gun) and the receiver

USB-HID Data Type

"&051&" Transferable keyboard function keys	&053& Direct ASCII transfer	
	Inventory Mode	
%031& Upload statistics	6030& Clear all data	&032& Upload all data
	Electricity	
	&037& Display battery	
	Vibration mode setting	
- &038& Vibrate mode off	8039&^ Vibrate mode on(*)	
	Sound settings	
	Sound volume setting	
	Sound volume setting	
&03A& Quiet	- &0.3B& Figh volume	- &03C& Volume Medium
&03D& Low volume		
Sound frequency setting		
&04C& 2048HZ	-8.04D&- 2700HZ	
Sleep time setting		
- &040& No Sierp	-	%041&* Sleep time setting
%042& Sleep after 10 seconds	8043& Sleep after 30 seconds	- &044& Sleep after 1 minutes





(1) When the Bluetooth pairing on, will prompt a sound, and end the pairing.

(2) Doubla did the humon twice to seit and will be recommed once.

(2) Double click the button twice to exit, and will be prompted once.

(3) When waiting for I minute, it will automatically exit when it is not paired, and will prompt

(3) When switting for 1 minute, it will automatically exit when it is not paired, and will pron three times.
Note: When exiting pairing, if no new receiver is connected, the receiver that

was last paired before will be connected automatically by default

*80108.

2.4G Extended Cache Settings

Remarks

- 1. Off: the scanned data will be uploaded and you need to wait for the data to be uploaded before scanning the next one.
- On: the scanned data is saved into the cache, and then the next scan can be done without waiting for the transmission
 to finish. Automatically store the cache and then send the data.

Bluetooth Specific Settings (three modes)

Bluetooth HIID Function Settings



- (1) Set up Bluetooth pairing, you can search Bluetooth by Bluetooth devices
- (2) Press and hold the button for 8 seconds, hear the first ring, release it to enter Bluetooth HID mode and set
- Notes.
 Set Bluetooth HID mode, it will enter into Bluetooth HID mode and automatically connect to the last paired Bluetooth by default
 Not in broadcast status, if you need to pair to see Bluetooth HID pairing details.
- To enter Bluetooth HID pairing mode.

Bluetooth pairing. It can be searched and paired by Bluetooth devices.

2. To exit Bluetooth HID pairing.

- When Bluetooth pairing is on, it will prompt once and end the pairing.
- (2) Double click the button twice to exit, and will be prompted once.
- (3) Wait for I minute. Bluetooth is not paired on then automatically exit, and will prompt three times
- Note: When you exit training, if no new device is connected, the old device that was last trained before is automatically connected by defi-



Show or hide Bluetooth HID virtual keyboard under IOS system



Bluetooth HID upload speed setting



Remer

Under IOS, it is recommended to use fast upload

Remark

- Under Android, you can set the speed according to the response speed of your phone. If the upload content is wrong or
- data is lost, please turn down the speed

Bluetooth HID RSSI Settings

Note: Please see the Bluetouth HID RSSI values table for details

Bluetooth SPP mode

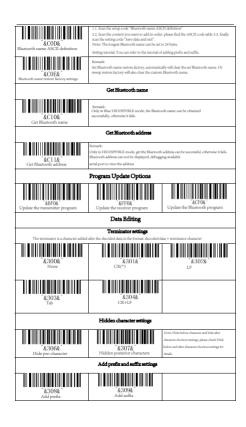
&013&^	Remark. Set Bluetooth SPP mode, it will automatically enter into Bluetooth SPP mode an automatically in broadcast state by default, you can pair directly.
--------	---

Bluetooth BLE pass-through mode

		, it will automatically enter into Bluetooth nnect to the last paired Bluetooth by default, if adcast status and can be paired directly.
--	--	--

Bluetooth name setting







Save and end settings

Hide pre-character settings

Steps:

- (1) Scan the setting code "Hide previous character".
- (2) Set the number of digits to be hidden from the first digit, and use two data codes to represent the decimal number XX.
- (3) Set the number of bits (including its own data) to be hidden from the first few digits of the parity, and
- use two data codes to represent the decimal number YY

 (4) Finally, scan the setting code "Save data and exit".
- XX stands for the first digit of the parity, i.e. the number of digits to be hidden from the first digit of the parity (including itself); YY stands for the number of digits to be hidden,
- i.e. the number of digits to be hidden from the parity.

For example: the barcode content is "ABCDEFGHIJKLMN", hide the characters DEFGH so that the output barcode is "ABCDIJKLMN".

- (1) Scan setting code "Hide previous character"
- (2) The location of character 'E' is bit 4, so "XX" is '0', '4'.
- Find the data code table and scan the data code table '0' and '4' in turn.
- (3) Hide "DEFGH" i.e. 5 characters in total, so "YY" is '0', '5'.
- Find the data code table and scan the data code table '0' and '5' in turn.
- (4) Finally, scan the setup code "Save Data and Exit".
 (5) Note: If you operate only (1) and (4), you can also clear the hidden front character settings or

Hidden post character settings

Steps:

- (1) Scan the setting code "hidden character".
- (2) Set the number of bits to be hidden from the countdown (including its own data), and use two data codes to represent the decimal number XX.
- (3) Set the number of bits to be hidden from the first digit of the countdown, and use two data codes to represent the decimal number YY
- (4) Finally, scan the setting code "Save data and exit".
- XX stands for the countdown digit, that is, the number of digits to be hidden from the countdown digit (including itself); YY stands for the number of digits to be hidden, that is, the number of digits to be hidden.

characters DEEGH so that the output barcode is "ABCDIIKLMN"

(1) Scan setting code "Hide previous character"

Scan setting code "Hide previous character"
 The location of character "H" is bit 7, so "XX" is '0', "7".

Find the data code table and scan the data code table '0' and '7' in turn.

(3) Hide "DEFGH" i.e. 5 characters in total, so "YY" is '0', '5'

Find the data code table and scan the data code table '0' and '5' in turn.

(4) Finally, scan the setup code "Save Data and Exit".

Note: If you operate only (1) and (4), then clear the hidden post character settings or restore the factory can also be cleared

Add prefix settings

Steps:

- (1) Scan the setting code "Add prefix"
- (2) Set the character (including its own data) to be inserted from the first digit, and use two "data codes" to represent the decimal number XX (the first one can be set equivalent to "0", "1"), please check the corresponding data code table.
- (3) Scan the content to be added in order, please look up the ASCII code table
- (4) Finally scan the setting code "save data and exit".
- For example: the original barcode content is "ABCDEFGHIJKLMN".
- Add the prefix and the content will be "ABCDE12345FGHIJKLMN".
- 1. Scan the setting code "Add Prefix"
- 2. In the original barcode, the prefix content "12345" is added in front of the character "F", and the location of the original barcode content "F" is the 6th character, so the data code "XX" is "0" and "6", find the data code table and scan the barcode corresponding to the data code in order. 3.
- The content added to the original barcode is "12345", with 5 characters. Find the ASCII code table, characters
 11', '2', '3', '4' and '5', corresponding to ASCII codes '31', '32', '33', '34',
- 4. Finally, scan the setting code "Save data and exit".

Note: If you operate only (1) and (4), you can also clear the prefix content for clearing or restore the factory.

Add suffix settings

Steps:

- (1) Scan the setting code "Add suffix"
- (2) Set the countdown digit to insert characters (including its own data), and use two "data codes" to represent the decimal number XX (the last part can be omitted to set the equivalent to "0", "1"), please check the corresponding data code table.
- (3) One scan of the content to be added, please look up the ASCII code table
- (4) Last scan the setting code "Save data and exit".
- For example: the original barcode content is "ABCDEFGHIJKLMN". Add the prefix

- 1. Scan the setting code "Add Suffix"
 - 2. In the original barcode, the suffix content "12345" is added after the character "E", and the location of the original barcode content "E" is the penultimate 10th character, so the data code "XX" is "1" and "0", find the data code table and scan the barcode corresponding to the data code in order. 3.
 - 3. The content added to the original barcode is "12345", with 5 characters. Find the ASCII code table,
 - characters "1", "2", "3", "4" and "5", corresponding to ASCII codes "31", "32", "33", "34"
 - Finally, scan the setting code "Save data and exit".
 - Note: If you operate only (1) and (4), it is clear to add the suffix content or restore the factory can also be cleared.

Hide pre-character shortcut settings

Note: The default number of bits to be hidden from the first one
The format is as follows: ^86008^ to ^86FF88^.00 FF is the number of hidden digits

#GOSE Hade the feet 'p pulsarian #GOSE Hade the feet of positions #GOSE Hade the feet of positions	ACOUR Finds the first of positions REGOR Finds the first of positions ACOUR Finds the first of positions ACOUR Finds the first of positions ACOUR Finds the first of positions
Hide the first 8 positions & 60B& Hide the first 11 positions & 60E&	Flide the first positions **GOC&* Flide the first 12 positions **ROF&*
Hide the first 11 positions	&60F&^
&60F& Hide the first 14 positions	&60F&
	Tine the mat 15 positions
le post character shortcut set fault number of bits to be hidden from the p nes: ^8/7008/^ to ^8/7FR/^,00~FF is the nu	enultimate one
^&702&^ Hide 2 position behind	%703&^ Hide 3 position behind
^&705&^ Hide 5 position behind	- & 706& - Hide 6 position behind
&708&	&709& Hide 9 position behind
	Hide 2 position behind

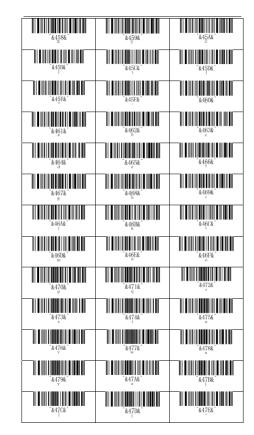
%70A&	- & 70B&	%70C&
Hide 10 position behind	Hide 11 position behind	Hide 12 position behind
%70D%	%70F&	%70F&
Hide 13 position behind	Hide 14 position behind	Hide 15 position behind

Data Code Table		
%3F0&^		
^&3F3&^ 3	&3F4&^	

ASCII Code Table		
	&400& Null	
- &401& SOH(start of headline)	&402& STX (start of text)	&403& ETX
&404& EOT	&405& ENQ	&406&^ ACK
&407& BEL	&408& BS	&409& HT

&40A&^ LF	&40B& VT	&40C& FF
^&40D&^ CR	^&40F&^ SO	*40F&* SI
&410& DLE	%411&^ DC1	%412&^ DC2
&413& DC3	&414& DC4	^&415&^ NAK
&416& SYN	&417& ETB	&418& CAN
&419& EM	&41A& SUB	- &41B&- ESC
&41C& FS	&41D& GS	&41F& RS
&41F& US	^&420&^	&421&^
^&422&~	-&423&-	-&4 ₂ 4&-
^&425&^	&4 ₂ 6&	&427&
-&428&-	&4 ₂ 9&	-&42A&
	^&42C&^	&42D&
		&430&^

&431&	&4 <u>3</u> 2&	&433&^
&434&^	&435&^	&436&
&43 ⁷ 7&	- &438& -	&4338£
&43A&	&43B&^	&43C&
&4 <u>3</u> D&	&43F&^	&43F&
&440&	&441&	&442&
&443&	&444&	&445&^
%446&	&447&	&448&^
&449&	&44A&^	&44B&
&44C&	&44D&	&44E&
&44F&	&450&*	&451&
&452&	&453&^	&4 <u>5</u> 4&
&455&	^&456&^	&457&^



&47F&	&480&	&481&
DEL	Caps Lock	Function keys F1
å482å	&483&	&484&
Function keys F2	Function keys F3	Function keys F4
%485&	&486&	&487&
Function keys F5	Function keys F6	Function keys F7
å488å	&489&	&48A&
Function keys F8	Function keys P9	Function keys F10
&48B&	&48C&	&48D&
Function keys F11	Function keys F12	PrintScreen
*&48F&	&48F&	&490&
Scroll Lock	Pause	Insert
&491&	%492&	&493&
Home	PageUp	Delete
- &494& -	&495&	&496&
PageDown	End	RightArrow
&497&	&498&	&499&
LeftArrow	DownArrow	UpArrow
å49A&*	%49B&*	%49C%*
Num Lock(keypad)	/(keypad)	*(keypad)
&49D&	&49F&	&49F&
-(keypad)	+(keypad)	Enter(keypad)
&4A0&	&4A1&	* & 4 Å 2 & *
1(keypad)	2(keypad)	3 (keypad)
#4A3&	%4A4&	&4A5&
4(keypad)	5(keypad)	6(keypad)

%4A6& 7(keypad)	^&4.47&^ 8(keypad)	&4A8& 9(keypad)
&4A9& 0(keypad)	&4AA&* .(keypad)	
Add Ctrl, Shift, Alt, GUI function keys Note: There is pressed, there must be released, pressed and released must be used in pairs, otherwise there will be data not		
uploaded and the computer inexplicably loci	& 4D1& L-Shift Press	&4D2& L-Alt Press
%4D3& L-GUI Press	%4D4& R-Ctrl Press	Å4D5& R-Shift Press
&4D6& R-Alt Press	&4D7& R-GUI Press	
&4D8& L-Ctrl Release	- & 4D9& L-Shift Release	&ADA& L-Alt Release
&4DB& L-GUI Release	% 4DCk* R-Ctrl Release	&4DD& R-Shift Release
&4DF& R-Alt Release	&4DF& R-GUI Release	

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.

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

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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction