

# MB200 Series Quick Start Guide V3.0

The MB200 stands for MB200C or MB200i.

## Usage (1)- Reading and transmitting data on-line by Bluetooth connection

To transmit the scanned barcode data per scanning to a Bluetooth connected host device (e.g. a laptop, computer, mobile PDA, phone,...etc. ).

**Bluetooth Profile:** In this application, the MB200 has to be set as “HID” profile.

**Step 1:** Power on the MB200, it is default set as HID Profile.

If you are not affirmed, you can read “HID” setting.

### HID (Default)



%P111

**Step 2:** You have to enable the Bluetooth function (Set it “ON”) in your host device, and it will search all Bluetooth devices available for connection. Please select the **“Wireless Scanner – XXXXXX”** (= MB200), following your host device will try to pair up the selected scanner MB200.

**Step 3:** Once MB200 is paired up with your host device, its LED indicator will light BLUE and you will hear 3 up-tone beeps. ***Now, the Bluetooth connection is done.***

### **Notice:**

(1) Prior to scan barcode data, please run an HID-input application in your host device (e.g. Notepad, MS word, or any application which can receive data input from Keyboard. ) to receive the scanned barcode data sent from MB200.

(2) If the Bluetooth connection is broken, in most case the host device and MB200 themselves will rebuild the connection automatically while both are in the Bluetooth radio range. Or you may try to scan “BT Pairing” to rebuild the Bluetooth connection.

### BT Pairing



%P330

## Usage (2)- To store the reading data in the MB200, don't transmit.




This is OFF-Line working, you have to set Bluetooth OFF and the [Store Mode] as 'Store', the scanned barcode data will be stored in MB200.

**Step 1:** After power on the MB200, read "Step 1" to ensure the MB200 is set "Bluetooth OFF"

Step1
Bluetooth OFF

%P310

Following the "Step 2 to Step 4", to set the [Store Mode] as 'Store' only by scan.

Step2	Step3	Step4
Start Configuration	[Store Mode] Store Only	Save Configuration
		
%PB11	%P512	%PB13

Now your MB200 is set as OFF-Line working status, the barcode data read will be stored in the MB200 and will not transmit.

**NOW, YOU CAN START YOUR WORK !**

## **(2.1) To Synchronize the stored data in MB200 with your Host Device**

Later, you may want to transmit the batch stored data to your Mobile Phone or PC device. Prior to do so, you have to download and install the data synchronization APP (for Mobile) or synchronization application (for PC) in your host device.

**Step 1 : please download the “MB200\_MB300\_Product\_Support\_Library” includes Android APP or PC Application (for data synchronization) at below FTP Site,**

ftp://69.195.82.78

Account: pocketscanner@champstek.com

password: wireless@BT

**In the downloaded product support library,**

01\_PC\_App\_Pocket Scanner, the PC data synchronization application and VCOM driver.

02\_Android\_App\_Pocket Scanner, the mobile data synchronization APP.

03\_User Manual, you can refer to the “Wireless Pocket Scanner User's Manual(V1.22)” chapter 3.5 ~ describing the operation of data synchronization APP (the PC application is the same).

**Step 2: Prior to do the data synchronization, you have to set MB200 as Bluetooth “SPP” profile; please read the “SPP” profile setting.**

SPP



%P112

**Step 3: Set up the Synchronization connection and operation**

**(1) Synchronize with a Mobile Phone / PAD**

1.1 Be ensured the Bluetooth connection is alive and MB200 set as “SPP” profile

1.2 Please install the mobile data synchronization APP in your host device

1.3 Set up the connection, refer to “Wireless Pocket Scanner User's Manual(V1.22)”

## (2) Synchronize with a PC

### By wireless Bluetooth connection

- 1.1 Be ensured the Bluetooth connection is alive and MB200 set as “SPP” profile
- 1.2 Please install the PC data synchronization application in your PC
- 1.3 Set up the connection, refer to ““Wireless Pocket Scanner User's Manual(V1.22)”

### By wired connection with a Micro-USB Interface Cable

**Note: connect your MB200 and PC by a Micro-USB interface cable.**

- 1.1 Install the Virtual COM driver, refer to “Set Virtual COM for Pocket Scanners.doc” in the product support library/01\_PC\_App\_Pocket Scanner
- 1.2 Please install the PC data synchronization application in your PC
- 1.3 Set up the connection, refer to ““Wireless Pocket Scanner User's Manual(V1.22)”

## (2.2) To CLEAN Stored data

After the batch stored data are fully transmitted, you can consider to clean stored data in MB200 by following steps.

Step1	Step2
Start Configuration  %PB11	Reset Memory  %P730

### **Notice:**

After scan “Reset Memory” configuraiton barcodes, the **LED indicator showing white light**, in process of cleannig barcode data

# Configuration Procedure

For System Settings – (1) & (2) session

① Start Configuration



%PB11



② Scan the required functions.

For example:

Sleep Timeout,

Vibration,

Data Format,

...etc.















③ Save Parameter














%PB13













# System Settings – (1/2)

<p><b>&lt;Scan Review-Enable&gt;</b> (For 300 Series)</p>  <p>%P7R+</p>	<p><b>Scan Review-Disable</b> (For 300 Series)</p>  <p>%P7R-</p>
<p><b>Avoid Same Code-Enable</b></p>  <p>%P53+</p>	<p><b>&lt;Avoid Same Code-Disable&gt;</b></p>  <p>%P53-</p>
<p><b>Auto Erase-Enable</b></p>  <p>%P75+</p>	<p><b>&lt;Auto Erase-Disable&gt;</b></p>  <p>%P75-</p>
<p><b>Sleep Timeout-10 sec</b></p>  <p>%P773</p>	<p><b>Sleep Timeout-30 sec</b></p>  <p>%P774</p>
<p><b>Sleep Timeout-1 min</b></p>  <p>%P775</p>	<p><b>Sleep Timeout-2 min</b></p>  <p>%P776</p>
<p><b>&lt;Sleep Timeout-3 min&gt;</b></p>  <p>%P777</p>	<p><b>Sleep Timeout-5 min</b></p>  <p>%P778</p>

# System Settings – (2/2)

<p><b>&lt;Beep-Enable&gt;</b></p>  <p>%P7J+</p>	<p><b>Beep-Disable</b></p>  <p>%P7J-</p>
<p><b>&lt;Vibration-Enable&gt;</b></p>  <p>%P7L+</p>	<p><b>Vibration-Disable</b></p>  <p>%P7L-</p>
<p>[Data Format] Time&amp;Battery&amp; Code</p>  <p>%P7N1</p> <p>[Data Format] <b>&lt;Code Only&gt;</b></p>  <p>%P7N3</p>	<p>[Data Format] Memory &amp; Code</p>  <p>%P7N2</p>
<p>[Store Mode] <b>&lt;Send &amp; Store&gt;</b></p>  <p>%P511</p> <p>[Store Mode] Send Only</p>  <p>%P513</p>	<p>[Store Mode] Store Only</p>  <p>%P512</p>
<p><b>Reset Memory</b></p>  <p>%P730</p>	

# Control Barcodes – (A) (Scan directly without procedure.)

<p>Bluetooth OFF</p>  <p>%P310</p>	
<p>HID &lt;Default&gt;</p>  <p>%P111</p>	<p>SPP</p>  <p>%P112</p>
<p>BT Pairing</p>  <p>%P330</p>	<p>BT Connecting to</p>  <p>%P350</p>
<p>Auto Connect-Enable (for HID)</p>  <p>%P13+</p>	<p>&lt;Auto Connect-Disable&gt; (for HID)</p>  <p>%P13-</p>
<p>BT MAC Address (for HID)</p>  <p>%P150</p>	
<p>BT Version (for HID)</p>  <p>%P170</p>	<p>Memory Status (for HID)</p>  <p>%P710</p>
<p>Scanner Version (for HID)</p>  <p>%P7D0</p>	<p>Engine Version (for HID)</p>  <p>%P7F0</p>



## Control Barcodes – (B) (Scan directly without procedure.)

