



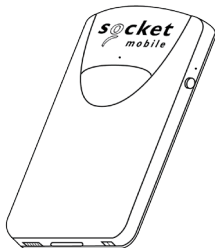
SOCKETSCAN™ 800 SERIES

ATTACHABLE

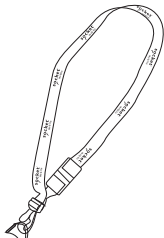


Bluetooth Cordless Barcode Scanner

PACKAGE CONTENTS



SocketScan™ 800
Series(CHS Series 8)



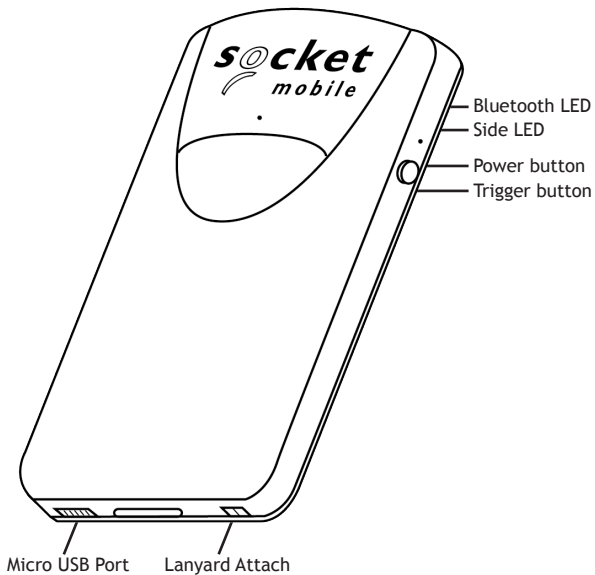
Lanyard



USB Charging Cable

Thank you for choosing Socket Mobile!
Let's get started!

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CHARGE THE BATTERY

Charge the 800 Series

The 800 Series must be fully charge before first use. Initial charging takes 4 hours with the USB charging cable connected to a USB charging port.

Insert the Micro USB side of the USB Charging Cable (included) into the 800 Series port and the USB side of the Charging Cable into the USB connector of a computer or AC adapter (not included). The 800 Series will beep twice when connected to a USB Charging Port.

Power On

Press and hold down the small power button until the 800 Series beeps (low-high tone).

Side LED

- Red = Charging
- Green = Fully charged

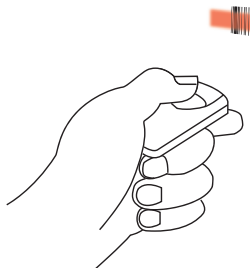
4 Hours



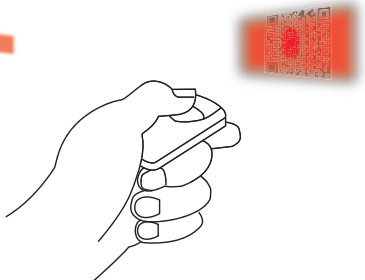
“Beep
Beep”

Successful Scanning

1. Hold the scanner 2-3 in (5-7 cm) away from the barcode.
2. Aim the scan beam straight across the entire barcode.
3. Keep your hand steady!



SocketScan S800
~4" to 8"
scanning distance



SocketScan S850
~6" to 12"
scanning distance

CONNECTION MODES

The 800 Series is connected to your iOS device using one of the following modes:

1. Application Mode (MFi-SPP)
2. Basic Mode (HID)
(default)

Application Mode (MFi-SPP)

Application Mode (MFi-SPP) is used with a Scanner-enabled Application. Scanner controls are embedded in the Application to provide better performance, security, features, and domain-specific capabilities.

If you purchased a Scanner-enabled Application on the Apple App Store (or through the Apple Volume Purchase Program for Business) that features integrated support for the 800 Series, we recommend you install that Application on your device and follow the Application instructions to connect with the 800 Series. If the connection steps are not documented in the Application, please see pages 10-11 for the connection steps using Application Mode (MFi-SPP).

Please visit the Socket Mobile App Store to confirm your Scanner-enabled Application supports the 800 Series. www.socketmobile.com/apptore

Basic Mode (HID) (default)

In Basic Mode (HID) the 800 Series emulates a keyboard. This is a universal connection method and will work with any application that has a text field. The application receives the data input from the 800 Series. The 800 Series includes a keyboard pop-up feature so you can disable the 800 Series and accept data input from the onscreen keyboard on the device. Pages 8-9 provides the connection steps using Basic Mode (HID).



MAC OS devices are connected using Basic Mode (HID).




iOS devices are connected using either Application Mode (MFi-SPP) or Basic Mode (HID), but not both together.


HID (KEYBOARD EMULATION) MODE

To pair the 800 Series with the Apple device in Basic Mode (HID): (required only the first time you connect).

1. Power on the 800 Series.
2. Turn Bluetooth on for the Apple device. Go to Settings > Bluetooth. A Bluetooth Device search will begin.

 An iOS device is always Discoverable when the Bluetooth menu is active. A MAC OS device provides an option to turn Discoverable On or Off. Confirm the MAC OS device is Discoverable.

3. Tap Socket CHS[xxxxxx] in the list of Devices found. After a few seconds the “Not Paired” status will change to “Connected” and the 800 Series Blue LED will blink every 3 seconds indicating it is Connected.

 The characters in brackets are the last 6 characters of the Bluetooth Address. The full Bluetooth address is printed in the Product Label (remove the battery door).

You are now ready to scan barcodes, see instructions on page 14.

Keyboard Pop-up Enable

The 800 Series emulates the keyboard in Basic Mode (HID). Therefore scanned barcode data will be input into the text field. The following steps show how to access the onscreen keyboard while connected to the 800 Series in Basic Mode (HID).

1. Make sure the 800 Series is connected to your Apple device in Basic Mode (HID).
2. Open your application and place the cursor where you want to enter data.
3. Quickly double-press the power button of the 800 Series (like double-clicking a mouse) to open or close the onscreen keyboard. The 800 Series will beep once as confirmation.



To connect to a new Apple device, you must first unpair the 800 Series and remove the 800 Series from the Bluetooth list in your device. See page 13.

APPLICATION MODE (MFi-SPP)

If you are using a Scanner-enabled Application, follow their instructions to connect with the 800 Series. Many applications include these steps and barcodes in the set-up procedure.

If you are using an Application that connects to the 800 Series using HID Keyboard Emulation mode, follow the instructions on pages 8-9. Application Mode (MFi-SPP) should not be used.

If you are using the 800 Series with an iOS device and a Scanner-enabled Application that does not provide instructions to connect with the 800 Series, please use the following steps.

1. Power on the 800 Series and scan this barcode. The 800 Series will beep 1 times.



APPLICATION MODE (MFI-SPP) (CONTINUED)

2. Turn Bluetooth on for the Apple device. Go to Settings > Bluetooth. A Bluetooth Device search will begin.
3. Tap Socket CHS[xxxxxx] in the list of Devices found. After a few seconds the “Not Paired” status will change to “Connected” and the 800 Series Blue LED will blink every 3 seconds confirming the connection.



The characters in brackets are the last 6 characters of the Bluetooth Address. The full Bluetooth address is printed in the Product label (remove the Battery door).

4. Open the Scanner-enabled Application. The 800 Series will beep once indicating that the application is in control and you are ready to scan. It should now be connected to the 800 Series.

You are now ready to scan barcodes with the Scanner-enabled Application. Visit www.socketmobile.com/appstore

BLUETOOTH UNPAIRING



Unpairing the 800 Series: Deleting the Bluetooth Pairing

i In most cases, if the 800 Series is paired with a device, you should unpair it before trying to connect to a new device.

1. Power on the 800 Series.
2. Press and hold down the trigger button.
3. Press and hold down the power button.
4. After you hear 3 beeps, release both buttons.

The 800 Series will unpair and automatically power off. The next time you power on the 800 Series, it will be discoverable.

Remove the 800 Series from the Bluetooth list in your iOS device

To Unpair the 800 Series on your device, go to Settings > Bluetooth, tap **i** next to the Socket CHS [xxxxxx] name, then tap “Forget this Device”.

Scanning Barcodes

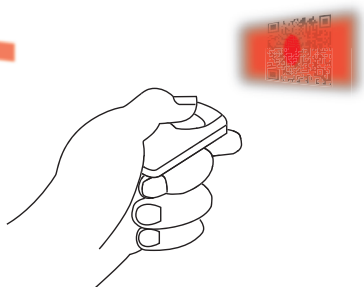
After connecting the 800 Series to your device, open an application. Place the cursor where you want to enter data.

Hold the 800 Series about 2-3 in (5-7 cm) from the barcode and press and hold the trigger button. Make sure the red aiming beam covers the entire width of the barcode. Keep your hand steady.

By default, the 800 Series will beep, vibrate, and the side LED will flash green to confirm that the barcode was decoded and sent to the host device.



SocketScan S800
~4" to 8"
scanning distance



SocketScan S850
~6" to 12"
scanning distance

COMMAND BARCODES

Scan command barcode(s) to quickly configure the 800 Series.





Make sure the 800 Series is not connected to a device before scanning a command barcode!



For a complete set of command barcodes, download the [Command Barcodes Sheet](#)

The web link is also provided in the below QR Code. To open the web page, scan this QR Code using a QR Code Reader App in your iOS device.

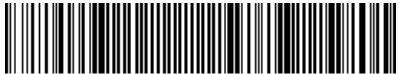
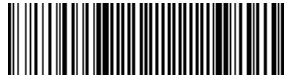



Bluetooth Connection Modes	
<p>Basic Mode (HID) (<i>default</i>) Configures the 800 Series to Human Interface Device (HID) mode as a Keyboard class device.</p>	 #FNB00F40001#
<p>Application Mode (MFi-SPP) Changes the 800 Series to Application Mode (MFi-SPP).</p>	 #FNB00F40002#

COMMAND BARCODES (CONTINUED)

Beep Settings	
<p>Beep after 800 Series Decodes Data ON (default)</p> <p>Enables 800 Series to beep to indicate successful scans.</p>	 <p>#FNB01190E000100030078004B#</p>
<p>Beep after 800 Series Decodes Data OFF</p> <p>Disables 800 Series from beeping to indicate successful scans.</p>	 <p>#FNB01190E000100000078004B#</p>

COMMAND BARCODES (CONTINUED)

Vibrate Settings	
<p>Vibrate after 800 Series Decodes Data ON (default) Enables 800 Series to vibrate to indicate successful scans.</p>	 #FNB01310001000100FA0000#
<p>Vibrate after 800 Series Decodes Data OFF Disables 800 Series from vibrating to indicate successful scans.</p>	 #FNB013100010000#
Factory Default	
<p>Factory Reset Configures the 800 Series to revert all settings to factory defaults. The 800 Series will power off after scanning this barcode.</p>	 #FNB00F0#

STATUS INDICATORS

Status	LED Activity	Meaning
Bluetooth Front LED	1 Blue blink every second	Bluetooth is On but not connected.
	1 Blue blink every 3 seconds	800 Series is connected to device.
Good Read Side LED	Green constant (while scanning)	Data successfully scanned.
Battery Status Side LED	Red constant (while charging)	Battery is charging.
	Red blinking (while scanning)	20% or less battery capacity remaining.
	Green constant (while charging)	Battery is fully charged.

STATUS INDICATORS (CONTINUED)

Beep Pattern	Meaning
Low-high tone	Power On
High-low tone	Power Off
High-high tone	A proper USB charging port is detected.
1 low beep	Keyboard Pop-up Enable
1 beep	800 Series connected to device and ready to scan barcodes.
1 beep with Green LED blink	Data successfully scanned.
2 beeps, same tone	800 Series disconnected from device.
1 long beep	800 Series tried multiple times unsuccessfully to connect to the last device it paired with. After 5 minutes the 800 Series will power off.
3 beeps with escalating tone	800 Series recognized the Command Barcode and implemented the change.
3 beeps with escalating tone followed by a long tone	800 Series recognized the Command Barcode, but could not implement the change. Verify the Command Barcode is valid and retry.

PRODUCT SPECIFICATIONS

Specifications	S800	S850
Dimensions	3.42 x 0.52 x 2.12 in. (86.9 x 53.94 x 13.43 mm)	
Total Weight	1.7 oz (48.2 g)	
Antimicrobial	Antimicrobial additive in all external surfaces	
Operating Temp	+32 to +122 °F (0 to + 50 °C)	
Battery Life	10 hours or 10,000 scans	10 hours or 1,000 scans
Charge Time	4 hours fully charged	
Bluetooth Version	Bluetooth v2.1 + EDR with 56 bit data encryption	
Wireless Range	33 ft (10 m) Line of sight	
Scanner Type	Imager (1D)	Imager (2D)
Symbologies	All major 1D barcodes	All major 1D & 2D barcodes
Supported Language Settings (in Basic Mode (HID))	English, French, German, Spanish	
Supported Language Settings (in Application Mode (MFi-SPP))	All languages supported by Apple	

Technical Support & Product Registration:

<http://support.socketmobile.com>

Phone: 800-279-1390 +1-510-933-3020 (worldwide)

Warranty Checker:

www.socketmobile.com/support/warranty-checker

Socket Mobile Developer Program:

Learn more at: <http://developer.socketmobile.com>

The User's Guide (full installation and usage instructions) and Command Barcodes (Advanced Scanner Configurations) can be download at:

www.socketmobile.com/support/downloads/data-collection/series7/ss10/?page=series



This web link is also provided in the below QR Code. To open the web page, scan this QR Code using a QR Code Reader App in your iOS device.



FCC WARNING STATEMENT

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 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.

CANADIAN DOC STATEMENT

This digital apparatus does not exceed the Class B limits for radio noise for digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de la classe B prescrites dans le Règlement sur le brouillage radioélectrique édicté par les ministères des Communications du Canada.

CE MARKING AND EUROPEAN UNION COMPLIANCE

Testing for compliance to CE requirements was performed by an independent laboratory. The unit under test was found compliant with all the applicable Directives, 2004/108/EC and 2006/95/EC.

WASTE ELECTRICAL AND ELECTRONIC EQUIPMENT

The WEEE directive places an obligation on all EU-based manufacturers and importers to take-back electronic products at the end of their useful life.

ROHS STATEMENT OF COMPLIANCE

This product is compliant to Directive 2002/95/EC.

NON-MODIFICATION STATEMENT

Changes or modifications not expressly approved by the party responsible for compliance.



