

**IMPORTANT!** These instructions on the back of this sheet are for connecting the CHS to a device using Bluetooth Serial Port Profile (SPP).

- Always use SPP for BlackBerry, Palm and CE.NET devices. Download SocketScan software for your OS at: <http://www.socketmobile.com/support/downloads>
- Other devices: Use SPP if you want to use SocketScan software, ActivePairing and/or you need to parse data.
- Use Bluetooth Human Interface Device (HID) instead of SPP if you are pairing to Apple devices, do not want to install software, and/or want to use vibrate mode for the 7P/7NRx.

## Quick Start Guide

### Bluetooth® Cordless Hand Scanner (CHS) Series 7 (v3)

#### Bluetooth Serial Port Profile (SPP)

#### Hardware Preparation

	<p><b>Insert the Batteries:</b> Unlock the battery cover by using a screwdriver or coin to turn the lock under the CHS to a horizontal position. Remove the cover. Install the batteries as indicated by the +/- symbols. Replace the battery cover and turn the lock to a vertical position.</p> <p><i>Do not use alkaline batteries, which may damage the device.</i></p>
	<p><b>Assemble the AC Adapter:</b> Choose the plug for your region and slide it into the adapter.</p> <p><b>Charge:</b> The CHS must be fully charged before first use, which takes about 3.5 hours. Red LED = Charging Green LED = Fully charged</p>
	<p><b>Attach the Tether:</b> After removing the battery cover, wrap the string loop of the tether around the inside part of the lock. Replace the battery cover. If desired, attach the tether to a lanyard or belt.</p>
	<p><b>Built-in Touch Screen Stylus:</b> Use on Pocket PC / other device touch screens (not compatible with Active Matrix tablet displays).</p> <p><i>Do not use a damaged stylus, as it may scratch the screen.</i></p>



This document pertains to the following CHS models:

7E	SKU# CX2858-1294	(P/N 8550-00056)
7M	SKU# CX2860-1296	(P/N 8550-00057)
7P	SKU# CX2862-1298	(P/N 8550-00058)
7NRx	SKU# CX2852-1245	(P/N 8550-00046)

© 2010 Socket Mobile, Inc. All rights reserved. Socket, the Socket logo, SocketScan, ConnectAgent, ActivePairing, Socket Bluetooth Cordless Hand Scanner, and Business Mobility Now! are registered trademarks or trademarks of Socket Mobile, Inc. The Bluetooth word mark is a registered trademark of the Bluetooth SIG, Inc. USA, and any use by Socket Mobile, Inc. is under license. All other trademarks and trade names contained herein may be those of their respective owners.

#### Package Contents

- Socket Bluetooth Cordless Hand Scanner (CHS)
- Lanyard / belt clip with retractable tether
- Rechargeable batteries
- AC adapter with international plugs
- USB cable
- CD with software and documentation

#### SocketScan Task Tray Icon (Windows only)

For Windows Mobile/CE, the icon appears in the Today screen.

Icon	Meaning
(red circle)	Windows Mobile/CE: SocketScan is not ready to connect to the CHS. Windows 7/Vista/XP: CHS is not connected to the computer.
(blue circle)	Windows Mobile/CE only: SocketScan is ready to connect to CHS.
	CHS is connected and ready to scan.
Spinning, alternating icon	Windows 7/Vista/XP only. SocketScan is ready for the CHS to connect to the computer with ActivePairing.

#### Turning on the CHS

Press and hold the small power button for 3 seconds, until the LED turns blue and the scanner beeps twice (low- high).

Time after turning on	Bluetooth mode
0-5 minutes	Discoverable and connectable
5-20 minutes	Connectable
20 minutes	Scanner automatically turns off

#### Disconnecting

Click on the SocketScan task tray icon and click **Disconnect**. Or, simply turn off the CHS.

#### Turning Off the CHS

Press and hold the power button at least 3 seconds until the blue LED turns off and you hear 2 beeps (high-low)

LED	LED Behavior	Meaning
Bluetooth Status (Blue)	1 blink per second	Bluetooth radio is on, but not connected
	1 blink per 3 seconds	Scanner connected to computer
Good Read (Green)	On	Data successfully scanned and transmitted to host device
Battery Status (Red)	Blinking	20% battery capacity remaining
	Off	Off or Good Battery status

Beep Patterns	Meaning
2 beeps (low-high)	Power on
2 beeps (high-low)	Power off
1 beep	Scanner connected to computer
2 beeps (same tone)	Scanner disconnected from computer
2 long beeps (same tone) with Permanent Pairing enabled	Scanner unsuccessfully tried 20 times to connect to computer assigned as its Permanent Pair
1 beep with green LED (configurable setting)	Data successfully scanned and sent to computer.

**Optional Charging Cradle:** Available separately.

<http://www1.socketmobile.com/products/bluetooth-scanners/accessories-bt.aspx?cat=Charging>

- Cradle for 7P: SKU# AC4026-708 7E/7M: SKU# AC4034-862
- Antimicrobial Cradle for 7NRx: SKU# AC4050-1152

**Downloads:** Get the latest software and manuals, including HID instructions. <http://www.socketmobile.com/support/downloads/>

**Product Registration:** Register online to access technical support and/or opt to receive special offers. <http://support.socketmobile.com/>

#### Technical Support

- **Online Knowledge Base:** <http://support.socketmobile.com/faq>
- **Online Requests:** Register your product and submit a question. <http://support.socketmobile.com/>
- **Phone:** Direct: +1-510-933-3020 USA & Canada: 800-279-1390



6430-00329 A  
Printed in USA

For Windows-based computers, the Socket *Bluetooth* Cordless Hand Scanner™ (CHS) in *Bluetooth* Serial Port Profile (SPP) mode offers three different connection options to fit different work environments. For complete instructions, including instructions for BlackBerry, Palm, and Nokia, please refer to the *User's Guide*, available on the CD and online.

Download the latest software and manuals from: <http://www.socketmobile.com/support/downloads/>

### SETUP FOR WINDOWS MOBILE / CE

Install SocketScan™ and Connect!Agent™ software.

Turn on the scanner. Press and hold the small power button until the LED turns blue and the CHS beeps twice (low-high).

By default, the CHS is in HID mode. Scan this barcode to change it to SPP mode. Afterwards, the CHS will beep 5 times.



#### Enable cordless scanner support

1. Tap Start | Settings | SocketScan folder | SocketScan.
2. In the Today screen, tap on the SocketScan task tray icon. In the menu, tap Settings.
3. Tap on the CS tab.
4. Check the box Enable Cordless Scanner Support. Tap ok.

**SCENARIO 1:** Single user — one scanner per computer, no roaming.

Computer initiates *Bluetooth* connection via *Bluetooth* software.

#### Connect computer to scanner

1. Make sure the scanner is turned on.
2. Tap on the SocketScan task tray icon. In the menu, tap Connect CS.
3. In the device list, select Socket CHS and tap OK.
4. If asked for a PIN code, enter 0000 (four zeroes).

**SCENARIO 2:** Enterprise — one scanner per computer, no roaming.

Scanner initiates *Bluetooth* connection automatically when it is powered on (ActivePairing with Permanent Pair).

#### Connect computer to scanner

1. Make sure the scanner is turned on.
2. Tap on the SocketScan task tray icon. In the menu, tap Connect CS.
3. In the device list, select Socket CHS and tap OK.
4. If asked for a PIN code, enter 0000 (four zeroes).

#### Enable Permanent Pair

1. In the SocketScan CS HW tab, tap Advanced.
2. Select Permanent Pair. Tap OK. Tap ok.

**SCENARIO 3:** Enterprise — scanner roams between different computers.

Computer initiates *Bluetooth* connection by reading a special barcode (ActivePairing).

#### Print Initiator barcode

Use barcode software or a barcode generating website to create and print an Initiator barcode with these attributes:

Symbology: Code 128

Data: #FNIxxxxxxxxxxxxx#

Where xxxxxxxxxxxx is the *Bluetooth* address of the PDA.

### OPERATION INSTRUCTIONS

Make sure SocketScan is running, the computer's *Bluetooth* radio is turned on, and the scanner is turned on.

**SCENARIO 1:** Tap on the SocketScan task tray icon. In the menu, tap Connect CS.

**SCENARIO 2:** After you turn on the scanner, it will automatically connect to the computer.

**SCENARIO 3:** Scan Initiator barcode to connect.

Open your application and scan barcodes.

### SETUP FOR WINDOWS 7 / VISTA / XP

Install SocketScan software.

Turn on the scanner. Press and hold the small power button until the LED turns blue and the CHS beeps twice (low-high).

By default, the CHS is in HID mode. Scan this barcode to change it to SPP mode. Afterwards, the CHS will beep 5 times.



**SCENARIO 1:** Single user — one scanner per computer, no roaming.

Computer initiates *Bluetooth* connection through *Bluetooth* software.

#### Add scanner in *Bluetooth* software

1. Make sure the scanner is turned on.
2. Open your *Bluetooth* software. Search for and add the Socket CHS. If asked for a PIN, enter 0000 (four zeroes).
3. Note the Outgoing *Bluetooth* COM #.

#### Enable cordless scanner support

1. Click on the SocketScan icon on the desktop.
2. Click on the SocketScan task tray icon. In the menu, click Settings.
3. Click on the CS tab. Check the box Enable CS Support.
4. Select the Outgoing COM #. Click OK.

#### Connect computer to scanner

Click on the SocketScan task tray icon. In the menu, click Connect CS.

**SCENARIO 2:** Enterprise — one scanner per computer, no roaming.

Scanner initiates *Bluetooth* connection automatically when it is powered on (ActivePairing with Permanent Pair).

#### Add scanner in *Bluetooth* software

1. Make sure the scanner is turned on.
2. Open your *Bluetooth* software. Search for and add the Socket CHS. If asked for a PIN, enter 0000 (four zeroes).
3. Note the Outgoing and Incoming *Bluetooth* COM #.

#### Enable cordless scanner support

1. Click on the SocketScan icon on the desktop.
2. Click on the SocketScan task tray icon. In the menu, click Settings.
3. Click on the CS tab. Check the box Enable CS Support and Enable ActivePairing.
4. Select the Outgoing COM #. Click OK.

#### Connect computer to scanner

Click on the SocketScan task tray icon. In the menu, click Connect CS.

#### Enable Permanent Pair

1. In the SocketScan CS tab, select Enable ActivePairing. Select the Incoming COM #. Click Advanced.
2. Select Permanent Pair. Click Change.
3. Check the box. Click OK. Click Close.

*Note: These instructions are for the Microsoft *Bluetooth* stack. For other *Bluetooth* stacks, please refer to the *User's Guide* for instructions.*

**SCENARIO 3:** Enterprise — scanner roams between different computers.

Scanner initiates *Bluetooth* connection by reading a special bar code (ActivePairing).

#### Add scanner in *Bluetooth* software

1. Make sure the scanner is turned on.
2. Open your *Bluetooth* software. Search for and add the Socket CHS. If asked for a PIN, enter 0000 (four zeroes).
3. Note the Incoming *Bluetooth* COM #.

#### Enable cordless scanner and ActivePairing support

1. Click on the SocketScan icon on the desktop.
2. Click on the SocketScan task tray icon. In the menu, click Settings.
3. Click on the CS tab. Select Enable CS Support and Enable ActivePairing.
4. Select the Incoming COM #. Click OK.

#### Print Initiator barcode

Use barcode software or a barcode generating website to create and print an Initiator barcode with these attributes:

Symbology: Code 128

Data: #FNIxxxxxxxxxxxxx#

Where xxxxxxxxxxxx is the *Bluetooth* address of the PC.

### OPERATION INSTRUCTIONS

Make sure SocketScan is running, the computer's *Bluetooth* radio is turned on, and the scanner is turned on.

**SCENARIO 1:** Click on the SocketScan task tray icon. In the menu, click Connect CS.

**SCENARIO 2:** After you turn on the scanner, it will automatically connect to the computer.

**SCENARIO 3:** Scan Initiator barcode to connect.

Open your application and scan barcodes.