

**IMPORTANT!** The instructions on the back of this sheet are for connecting the CHS to a device using Bluetooth Human Interface Device (HID).



- Always use HID for Apple iPad, iPhone, iPod touch.
- Other devices: Use HID if you only need to enter data and/or do not want to install software.
- Use Command Barcodes Sheet to configure scanner mode and beep tones (also vibrate mode for 7P/7NRx).
- Use Bluetooth Serial Port Profile (SPP) instead of HID if you use BlackBerry, Palm or CE.NET, want to use SocketScan software or ActivePairing, and/or need to parse data. (See Quick Start Guide for SPP.)

## Quick Start Guide

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

#### Bluetooth Human Interface Device (HID)

#### 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)

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#### Package Contents

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

#### Basic Functionality *Note: No software is required for normal use.*

Function	Procedure
Powering on /off	<p><b>Power On:</b> Press and hold down the power button until you hear two (low-high) tones.</p> <p><b>Power Off:</b> Press and hold down the power button until you hear two (high-low) tones.</p>
Scanning barcodes	Press and hold the trigger button to activate the scanner. An aiming beam will appear for 3 seconds. Position the red beam over the barcode. The CHS will beep, flash a green LED, (7P and 7NRx also vibrate) to confirm the data was decoded and sent to the application. Refer to <i>User's Guide</i> for more details.
Enabling/ Disabling Symbolologies	Please refer to the Command Sheet in the <i>User's Guide</i> , available online at: <a href="http://www.socketmobile.com/support/downloads">http://www.socketmobile.com/support/downloads</a>
Disconnecting	Disconnect through your device's Bluetooth software or simply turn off the CHS.
Pairing Reset	Releases the Bluetooth pairing from the last system the CHS was paired to. This allows new pairing to another system. <ol style="list-style-type: none"> <li>1. Power on CHS</li> <li>2. Press and hold down the Trigger button and press the Power button until you hear 3 beeps.</li> </ol>

#### Downloads

Obtain the latest manuals, including SPP instructions, free online. <http://www.socketmobile.com/support/downloads/data-collection/>

#### 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/>
- By Phone: +1-510-933-3020 USA & Canada: 800-279-1390

#### LED, Beep, Vibrate Patterns

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
	On when connected to charging source	Scanner is fully charged.
Battery Status (Red)	1 blink per second	20% battery capacity remaining
	On when connected to charging source	Battery Charging (on cradle or AC power)
	Off	Off or Good Battery

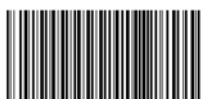
Beep Patterns	Meaning
2 beeps (low-high)	Power on
2 beeps (high-low)	Power off
1 beep	Scanner connected to computer. When connected, the scanner will power off after 2 hours of inactivity.
2 beeps (same tone)	Scanner disconnected from computer. When disconnected, the scanner will auto power off after 5 minutes of inactivity.
2 long beeps (same tone) with Permanent Pairing enabled	Scanner unsuccessfully tried 20 times to connect to computer assigned as its Permanent Pair. After these attempts, the scanner will go into sleep mode and power off after 5 minutes of inactivity.
1 beep with green LED (configurable setting)	Data successfully scanned and sent to computer.

Vibrate	Meaning
Vibrate for 7P/7NRx	Power on or 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



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The Socket *Bluetooth*® Cordless Hand Scanner™ (CHS) v3 is set by default to *Bluetooth* Human Interface Device (HID) mode, which requires no software installation. For complete instructions, please refer to the User's Guide, available on the CD and online. **Download the latest manuals from: <http://www.socketmobile.com/support/downloads/>**

**IMPORTANT! These instructions will not work if you changed the CHS to *Bluetooth* Serial Port Profile (SPP) mode!**


To change scanner mode and beep tones (also vibrate mode for 7P/7NRx), use the Command Barcodes Sheet.

This can be done before or after the CHS is set up for your host device. The CHS must be disconnected from the host device while scanning Command Barcodes.

### SETUP FOR WINDOWS MOBILE / CE

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

Scan this barcode to configure the barcode scanner.



#FNB0001000500#  
Afterwards, the scanner will beep 5 times.

Tap Start | Settings | Connection tab.

Tap on the *Bluetooth* icon. Tap on the Mode tab. Check the box Turn on *Bluetooth*.

Tap on the Devices tab. Tap Add new device...

In the device list, select Socket CHS.

If asked for a passkey, enter 0000 (four zeroes) and tap Next.

If prompted to select services of the CHS to use, check the box Input Device and tap Finish.

### OPERATION INSTRUCTIONS

Make sure the barcode scanner is turned on.

Make sure the PDA's *Bluetooth* radio is turned on. In your *Bluetooth* software, in the list of devices, tap on the Socket CHS icon to connect.

Open your application and scan barcodes.

### SETUP FOR APPLE

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

Turn on the barcode scanner.

On the Apple device, turn on *Bluetooth*. Start a *Bluetooth* device search.

In the list of devices, select Socket CHS. Tap Pair.

### OPERATION INSTRUCTIONS

Make sure the barcode scanner is turned on.

Make sure the host device's *Bluetooth* radio is turned on. In your *Bluetooth* software, in the list of devices, tap on the Socket CHS icon to connect.

Open your application and scan barcodes.

### SETUP FOR NOKIA E71

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

Click Menu | Office | Wlss. keybd. Click Options | Find keyboard.

If the phone's *Bluetooth* radio is turned off, the phone will ask if you want to activate *Bluetooth* in offline mode. Click Yes.

In the list of devices, select Socket CHS.

When asked for a passkey, enter 0000 (four zeroes). Click Ok.

In the Keyboard layout screen, select US English.

### OPERATION INSTRUCTIONS

Make sure the barcode scanner is turned on.

Click Menu | Connectivity | *Bluetooth* and turn on the phone's *Bluetooth* radio. The scanner should automatically try to connect to the phone. Accept the connection.

Open your application and scan barcodes.

### SETUP FOR WINDOWS 7 / VISTA / XP

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

Scan this barcode to configure the barcode scanner.



#FNB0001000500#  
Afterwards, the scanner will beep 5 times.

Turn on *Bluetooth* on your computer.

**Microsoft *Bluetooth* Stack**

1. Right-click on the *Bluetooth* icon in the task tray. In the pop-up menu, click Add a Device (Windows 7) or Add a *Bluetooth* Device (Windows Vista/XP).
2. Windows Vista/XP: Check the box My device is set up and ready to be found. Click Next.
3. In the device list, select Socket CHS. Click Next.
4. Select Enter the device's pairing code (Windows 7) or Use the passkey found in the documentation (Vista/XP).
5. Enter the passkey 0000 (four zeroes) Click Next. Complete the wizard.

**Toshiba *Bluetooth* Stack**

1. Double-click on the *Bluetooth* icon in the task tray. In the pop-up menu, click New Connection.
2. Select Express Mode and click Next.
3. In the device list, select Socket CHS. Click Next.
4. If a passkey is requested, enter 0000 (four zeroes) and click OK. Complete the rest of the wizard.

**Broadcom (Widcomm) *Bluetooth* Stack**  
Use *Bluetooth* v2.1 or later for best results.

1. Double-click the *Bluetooth* icon in the task tray. Click Add a *Bluetooth* Device and click Next. Do not use Quick Connect | *Bluetooth* Serial Device for a scanner in HID mode.
2. In the device list, select Socket CHS.
3. If a passkey is requested, enter 0000 (four zeroes) and click Pair Now. Check the box Socket CHS. Click Finish.

Note: If you don't know which *Bluetooth* stack you have, click on the *Bluetooth* icon and see which instructions above best fit your computer.

### OPERATION INSTRUCTIONS

Make sure the barcode scanner is turned on.

Make sure the computer's *Bluetooth* radio is turned on. In your *Bluetooth* software, in the *Bluetooth* devices list, click on the Socket CHS icon to connect.

Open your application and scan barcodes.