




Quick Start Guide

Bluetooth® Cordless Hand Scanner (CHS) 7X and 7XRx



7X SKU# CX2849-1242 (P/N 8550-00036)
7XRx SKU# CX2843-1160 (P/N 8550-00047)

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	<p>Assembling the AC Adapter: The included AC adapter comes with four plugs. Find the correct plug for your region and slide it into the head of the adapter.</p> <p>Charging the CHS: The CHS must be fully charged before first use. Total charging time from empty to full is about 3.5 hours. The LED of the CHS will be red while charging, and green when fully charged.</p> <p>WARNING! Do not remove the factory-installed battery!</p>
	<p>Attaching the Tether: Use a coin or screwdriver to turn the lock under the CHS. Remove the battery cover and 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/belt.</p>
	<p>Touch Screen Stylus: Use the stylus tip on Pocket PC and other device touch screens. Do not use the stylus if damaged, as it may scratch the screen. The stylus does not work on tablets with Active Matrix displays.</p>

Optional Charging Accessories: Available separately.
<http://www.socketmobile.com/products/bluetooth-barcode-scanners/accessories/>

	<p>Charging Cradle AC4026-708</p>		<p>Charging Cradle, Antimicrobial AC4050-1152</p>
	<p>USB to DC Plug Charging Cable AC4051-1192</p>		<p>Mobile Power Pack (not sold in EMEA) AC4050-1152</p>

Package Contents

- Socket Bluetooth Cordless Hand Scanner (CHS) 7X or 7XRx
- Lanyard / belt clip with retractable tether
- Rechargeable battery (pre-installed, **DO NOT REMOVE**)
- Charging cable

Basic Functionality

Note: No software is required for normal operation.

Function	Procedure
Powering on /off	<p>Power On: Press and hold down the power button until you hear two (low-high) tones.</p> <p>Power Off: 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 aiming beam over the 2D (or 1D) barcode. The CHS will beep, flash a green LED, and vibrate to confirm the barcode data was decoded and recorded in your 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: http://www.socketmobile.com/support/downloads
Disconnecting	Disconnect through your device's Bluetooth software or simply turn off the CHS.
Factory Reset	<p>Reverts CHS back to factory default state. You can do this to remove a pairing or revert to the default Bluetooth device (keyboard for Windows, "other" for iPad).</p> <ol style="list-style-type: none"> 1. Power on CHS 2. Press and hold down the Trigger button and momentarily press the Power button while still holding down the Trigger button. 3. After 15 seconds, the scanner will beep. Release the Trigger button. 4. The scanner will beep 5 times and power off. 5. The next time you power on the scanner, it will take longer than normal. After the scanner finishes powering on, it will have factory default settings.
Pairing Reset	<p>Releases the Bluetooth pairing from the last system the CHS was paired to. This allows new pairing to another system.</p> <ol style="list-style-type: none"> 1. Power on CHS 2. Press and hold down the Trigger button and press the Power button until you hear a series of 3 tones.

LED

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	Powered off or Good Battery status

Beeps

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 auto 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)	Scanner unsuccessfully tried 10 times to connect to computer. After these attempts, the scanner will go into sleep mode and power off after 5 minutes of inactivity.
1 beep with green LED	Data successfully scanned and sent to computer.
5 consecutive tones	The scanner detects an internal fault and will reset itself. If the scanner is connected to a host computer, it will disconnect during the reset.



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Setup for Windows 7, Vista and XP

STEP 1: TURN ON THE CHS

Press and hold the small power button until the LED turns blue and the CHS beeps twice (low-high). The LED should blink blue once per second to show that the Bluetooth radio is on but not connected.

STEP 2: START BLUETOOTH ON YOUR COMPUTER

Note: Refer to your Bluetooth hardware/software manual for full instructions.


1. If using an add-on Bluetooth adapter, plug it into your PC.
2. Start the Bluetooth software and turn on the Bluetooth radio.
 - For some PCs, the radio is enabled through the software.
 - Some PCs have a hardware switch and automatically launch the Bluetooth software when the radio is on.

STEP 3: CONFIGURE BLUETOOTH SETTINGS


Follow the instructions for your Bluetooth stack. Configuration is only needed the first time you connect the CHS to the PC. Refer to your Bluetooth software manual for full instructions.

Note: The CHS appears as Socket CHS 7x [xxxxxx] to other Bluetooth devices. The characters in brackets are the last 6 characters of the Bluetooth Device Address, which is labeled inside the battery compartment.

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 7x**. Click **Next**.
4. Select **Enter the device's pairing code** (Windows 7) or **Use the passkey found in the documentation** (Windows Vista/XP).
5. Enter **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 7x [xxxxxx]**. Click **Next**.
4. If a passkey is requested, enter **0000** (four zeroes). Click **OK**. Complete the rest of the wizard.

Broadcom (Widcomm) Bluetooth Stack:

Note: With a Broadcom Stack, v2.1 is highly recommended for best results.

1. Double-click the Bluetooth icon  in the task tray. Click **Add a Bluetooth Device** and click **Next**.
Note: Do not use Quick Connect → Bluetooth serial device as the scanner does not support Serial Port Profile.
2. In the device list, select **Socket CHS 7x**.
3. If a passkey is requested, enter **0000** (four zeroes) and click **Pair Now**. Click the checkbox for **CHS7x** and click **Finish**.

Note: After completing the wizard, you are now ready to scan barcoded data into any open application. Place the cursor where you want data to enter, then press the trigger button to scan a barcode.

Setup for Windows Mobile

STEP 1: TURN ON THE CHS

Press and hold the small power button until the LED turns blue and the CHS beeps twice (low-high). The LED should blink blue once per second to show that the Bluetooth radio is on but not connected.

STEP 2: CONFIGURE BLUETOOTH SETTINGS

Configuration is only needed the first time you connect the CHS to the device. Refer to your Bluetooth software manual for full instructions.

1. Tap **Start | Settings | Connections** tab.
2. Tap on the **Bluetooth** icon. Tap on the **Mode** tab. Select the check box **Turn on Bluetooth**.
3. Tap on the **Devices** tab. Tap **Add new device...** or tap **Add** on the bottom of the screen.
4. In the device list, select **Socket CHS 7x [xxxxxx]**.













Note: The characters in brackets are the last 6 characters of the scanner's Bluetooth Device Address, which is labeled inside the battery compartment.

5. If a passkey is requested, enter **0000** (four zeroes) and tap **Next**.
4. If you are prompted to select services from the CHS to use, select the check box **Input Device** and tap **Finish**.

Note: You are now ready to scan barcoded data into any open application. Place the cursor where you want scanned data to enter, then press the trigger button to scan a barcode.

Default Symbolologies – Sample Barcodes

To configure symbology settings, please refer to the Command Sheet in the User's Guide, available online at: <http://www.socketmobile.com/support/downloads>

 Aztec Code	 B123456789D Codabar
 Maxicode	 ABC-12345 Code 93
 Data Matrix	 ABC-1234 Code 39
 QR Code	 12341234 Code 128
 PDF417	 1234567890 Interleaved 2 of 5
 0 11223 34455 0 UPC/EAN	 (01)01234567890128 GS1 Composite

Future Releases: A feature-rich 7X version (with software) is coming soon. Please contact Technical Support or your Account Manager.

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

Downloads: Get the latest documentation, including the User's Guide, online at: <http://www.socketmobile.com/support/downloads/>

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 Toll-free: 800-279-1390

Setup for Apple iPad, iPhone, iPod touch

STEP 1: TURN ON THE CHS

Press and hold the small power button until the LED turns blue and the CHS beeps twice (low-high). The LED should blink blue once per second to show that the Bluetooth radio is on but not connected.

STEP 2: CONFIGURE SCANNER Scan the Enable Apple Mode barcode.

Enable Apple Mode



Note: After you scan the Enable barcode, the CHS will beep 5 times and turn off.

Disable Apple Mode



STEP 3: PAIR SCANNER WITH DEVICE

1. Turn on the CHS.
2. On the Apple device, turn on Bluetooth. Start a Bluetooth device search. In the list of devices, select **Socket CHS 7X**. Tap **Pair**.

Note: You are now ready to scan barcoded data into any open application. Place the cursor where you want scanned data to enter, then press the trigger button to scan a barcode.

Note: If you use Windows or another OS and cannot find the CHS during a Bluetooth search, scan the Disable Apple Mode barcode and search again.