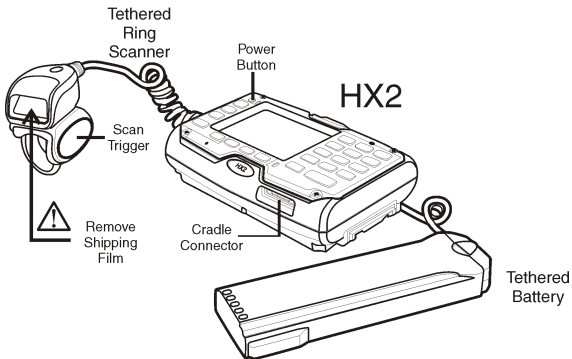# HX2

Wearable Computer
With Microsoft Windows® CE 5.0 Operating System
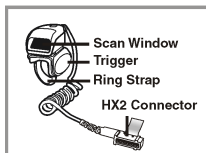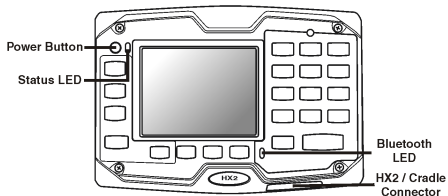
Quick Start Guide

HX2 Rugged Wearable Computer

Tethered Ring Scanner

Power Button

HX2

Scan Trigger

⚠ Remove Shipping Film

Cradle Connector

Tethered Battery

Components - Front

Power Button

Status LED

Bluetooth LED

HX2 / Cradle Connector

Scan Window
Trigger
Ring Strap
HX2 Connector

Laser Scanner

Illumination LEDs
Scan Window
Trigger
Ring Strap
HX2 Connector

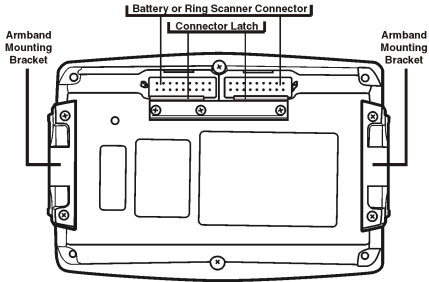**Laser Imager**

User Replaceable - Trigger module and ring strap module.

Components - Back

Battery or Ring Scanner Connector

Connector Latch
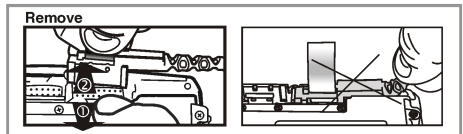
Armband Mounting Bracket

Armband Mounting Bracket

Armband Assembly

Small Armband

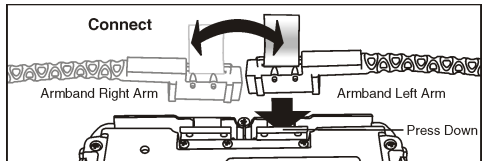Large Armband
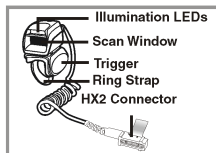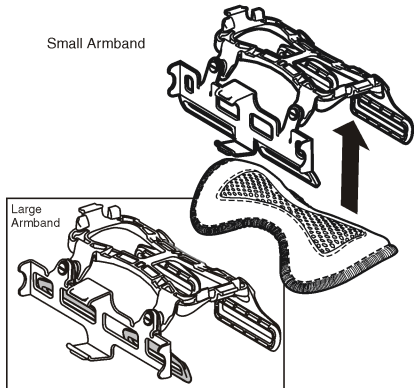
Assemble Armband and Secure On Arm

① ②

③

Short Strap Long Strap
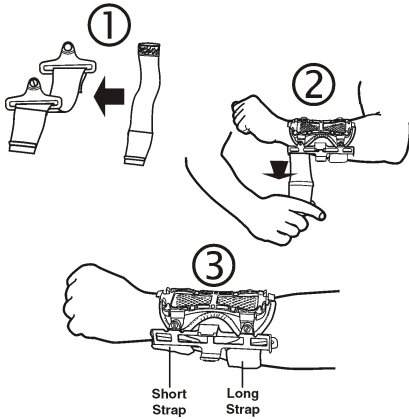
Attach Battery Cable to HX2

Connect

Armband Right Arm Armband Left Arm

Press Down

Remove

Trigger Rotation

Turn 180°

Left Hand

Right Hand

Attach Ring to Finger

① Remove Shipping Film

②

Left Hand

Right Hand

Attach Ring Cable to HX2

Connect

Armband Right Arm

Armband Left Arm

Press Down
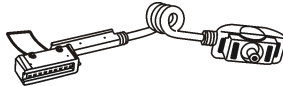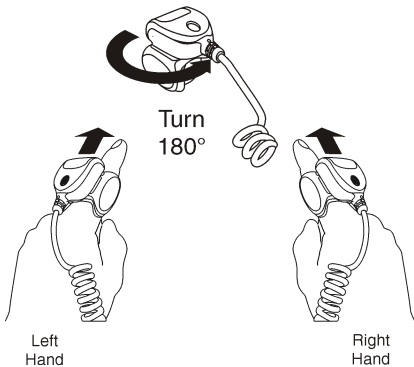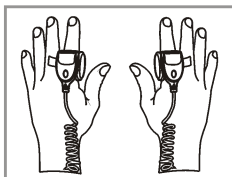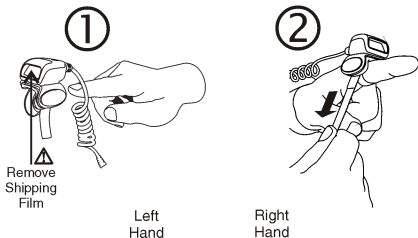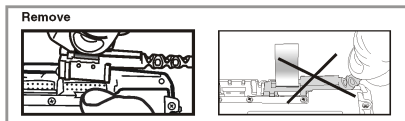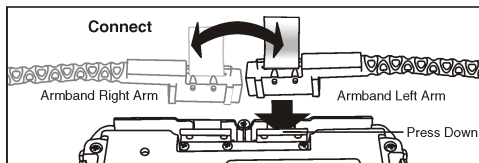
Remove

Attach HX2 to Armband
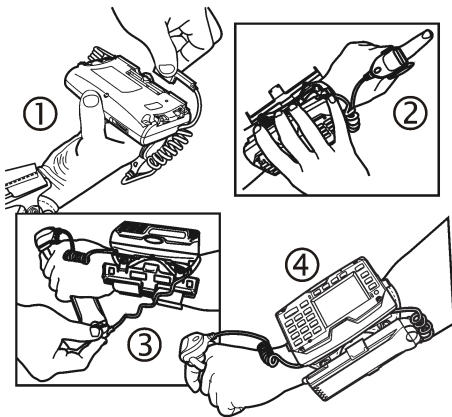
Final Assembly

Right Hand Configuration

Left Hand Configuration
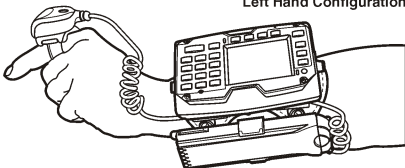
Removing HX2 from Armband

Removal
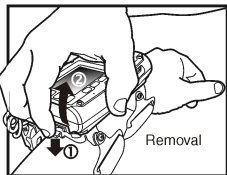
Wrist Position When Scanning

Incorrect Wrist Positions
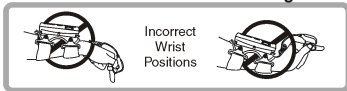
Correct Wrist Position

Proper Scanning Technique

DANGER
LASER
DO NOT STARE DIRECTLY INTO THE LASER BEAM

Scan Beam Type
Ring Scanner   Ring Imager

Linear Bar Code   2D Bar Code
Bar Code Type

Correct

Incorrect
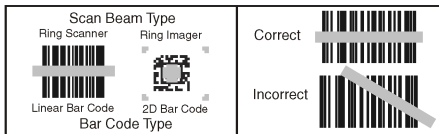
Pair the HX2 with a Wireless Handheld Bluetooth Scanner – scan the linear barcode label on the HX2, that begins with LnkB, with the Wireless Handheld Bluetooth Scanner.

LnkB054003506750

LnkB054003506750

Connecting Battery and Audio Cable

To Battery

Headset

To Headset Cable

Audio Cable

To HX2

Headset Cable
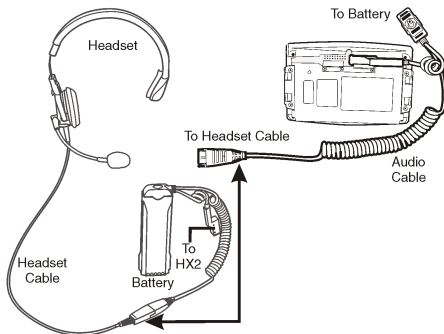
Battery

Attaching Headset to HX2

Headset

Headband

Earpiece

Microphone

Headset Cable

Headset Cable

Battery

Voice Pouch

Headset

Audio Cable

Ring Scanner Extended Cable

Clips

Wrist Strap

Audio Cable

Clips

Ring Scanner Extended Cable

Wrist Strap
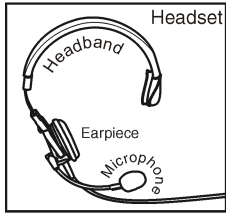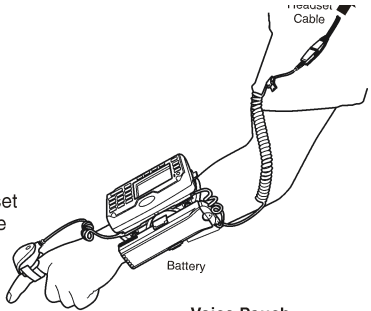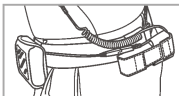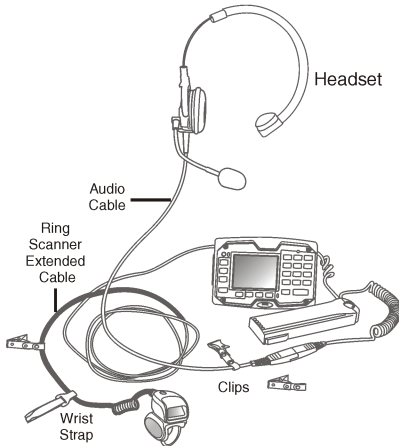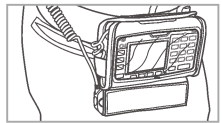
Alternative Battery Placement

Hip Flip

HX2 Mounting Bracket

HX2 Mounting Bracket

Battery Sleeve
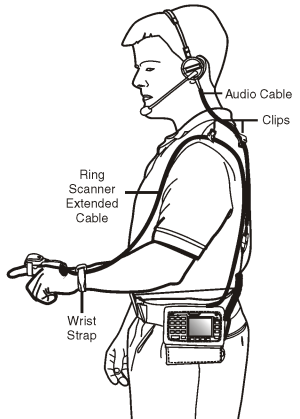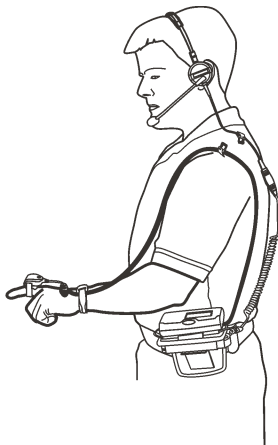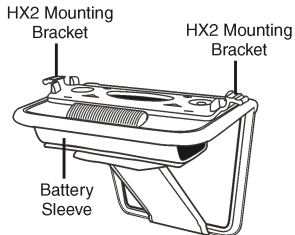
Battery

Battery Mounting Alternatives

Battery Case and Cable Assembly

① ② ③
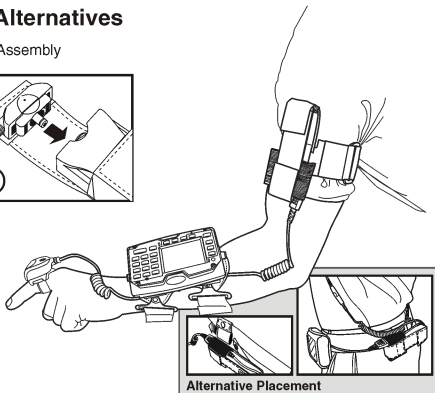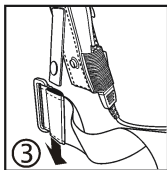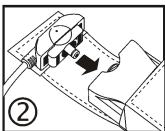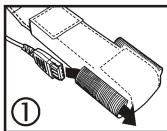
Alternative Placement

Desktop Cradle

Standard Battery

Extended Battery

Side Rail

HX2 / Cradle Connector

Power LED

Battery Multi-Charger

Extended Battery

Standard Battery

Battery Analyzer Slot

Analyze Button

Remove Ring Strap Module

① Turn 90°

② Press latch down
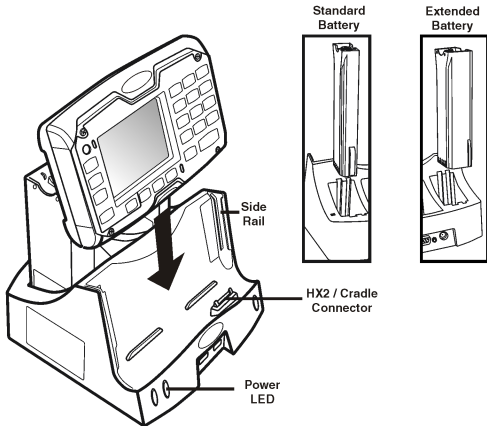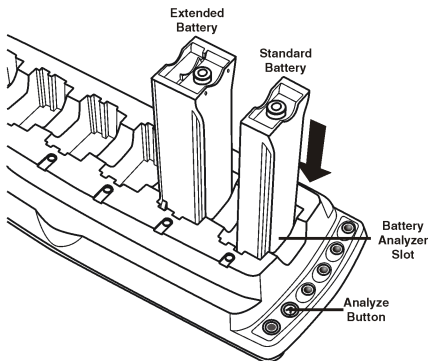
③ Remove ring strap module

Remove Trigger Module

① Turn trigger until black screw is visible. Remove the screw.

②

③
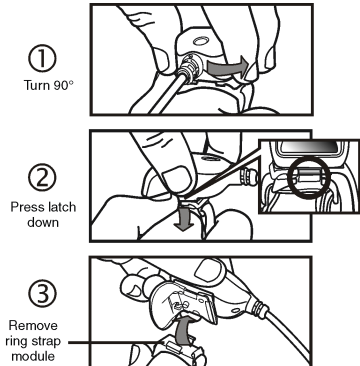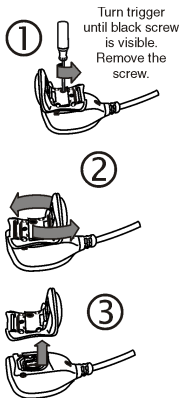
Replace Ring Strap Module

① Connect ring latch with trigger catch

② Press together until click

③ Turn 90°

④ Ready to scan
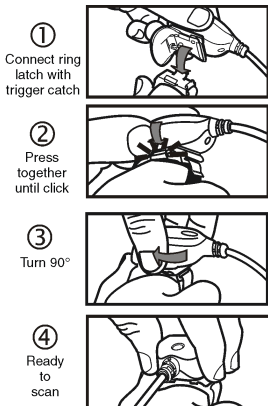
Replace Trigger Module

①

②

③

Setting up the HX2

Please have the following Information available before setting up your HX2:

- Network ID (SSID) of the Access Point
- WEP key or LEAP authentication credentials

1. Connect a fully charged battery to the HX2.
2. Press the Power button.
3. Accept the EULA.
4. Calibrate the touch screen.
5. Set the date and time.
6. Edit the radio parameters.
7. Edit the RFTerm Terminal Emulation parameters (optional).
8. Perform a reboot.

Rebooting the HX2

Using the Start menu, select **Start > Run** and type **warmboot** in the text box. Press **Enter**.

When the HX2 is booting, there may be small delays while the wireless client connects, applications launch, remote management completes and Bluetooth devices connect.

Bluetooth and HX2

Please refer to the HX2 Reference Guide for information when using the HX2 with Bluetooth.

ActiveSync

Installing ActiveSync on Desktop/Laptop

ActiveSync (version 4.5 or higher for Windows XP desktop/laptop computers) must be resident on the host (desktop/laptop) computer. Windows Mobile Device Center is required for a Windows Vista/Windows 7 desktop/laptop computer. ActiveSync and Windows Mobile Device Center for the PC are available from the Microsoft website. Follow Microsoft's instructions to locate, download and install ActiveSync or Windows Mobile Device Center on your desktop/laptop.

ActiveSync using USB-Client Connection

The only connection type is USB Client.

1. Connect the HX2 end of the cable to the connector on the bottom of the HX2.
2. Connect the USB type A connector on the I/O cable to a USB port on a PC or laptop.

ActiveSync starts automatically when the USB cable is connected.

When the HX2 loses connection (e.g., enters Suspend Mode), the connection to ActiveSync is lost. When the HX2 resumes, disconnect the PC end of the cable and re-connect.

Please refer to the HX2 Reference Guide for ActiveSync information.

Setting Up the Radio

If the access point uses an authentication protocol (WEP, LEAP, etc.), your radio must use the same authentication. Please contact your IT department for WEP keys or LEAP credentials. Please refer to the HX2 Reference Guide for information on using WPA.

1. Tap **Start > Programs > Summit > SCU** OR tap the Summit Client Utility icon on the desktop.
2. Tap the **Admin Login** button and enter the password (default = SUMMIT).
3. Tap the **Profile** tab and make sure the Default profile is selected.
4. Select **SSID** and enter your SSID value.
5. If the access point is using WEP, select **WEP** from the Encryption pull down list.
6. Tap the **WEP keys/PSKs** button and enter the WEP Key(s) and tap **OK**. Skip to step 12.
7. If the access point is using LEAP, select **LEAP** from the EAP Type pull down list.
8. Select **WEP EAP** from the Encryption pull down list.
9. If the Cisco/CCS certified AP is configured for open authentication, set the **Auth Type** radio parameter to **Open**.
10. If the AP is configured for network EAP only, set the **Auth Type** radio parameter to **LEAP**.
11. Tap the **Credentials** button and enter the User Name and Password.
12. Tap the **Commit** button to save the radio configuration.
13. Tap the **Main** tab. Wait for a radio connected message.
14. Tap the **Admin Logout** button when finished.
15. Reboot the HX2.

Please refer to the Radio Mode parameter in the HX2 Reference Guide. It is important that this parameter setting corresponds to the Access Point to which the HX2 connects.

Setting Up AppLock

HX2 devices are shipped to boot in Administration mode. In this mode, the user has full access to the device and no password is needed. After the administrator completes the process below, the HX2 switches to end-user mode and restricts access to only the specified application(s).

1. Tap **Start > Settings > Control Panel > Administration** icon.
2. Assign application(s) on the Application tab screen.
3. Assign a password on the **Security** tab screen.
4. Select a view level on the **Status** tab screen, if desired.
5. Tap **OK**.
6. Press the hotkey (**Ctrl** + **Shift** + **A**) sequence to launch AppLock and lock the configured application(s).
7. The device is now in end-user mode.

Connecting Using RFTerm

Before you make a host connection, you will, at a minimum, need to know:

- the alias name or IP address (Host Address) and
- the port number (Telnet Port) of the host system to properly set up your host session.

1. Make sure the mobile client network settings are properly configured. If you are connecting via WLAN (802.11x), make sure your HX2 is connected to the network.
2. Launch RFTerm by tapping the **RFTerm** icon on the desktop.
3. Select **Session > Configure** from the application menu and select the **host type**. This is dependent on the host system to which you are connecting; i.e., 3270 mainframe, AS/400 5250 server or VT host.
4. Enter the **Host Address** of the system. This may either be a DNS name or an IP address of the host system.
5. Update the **telnet port number** if your host application is configured to listen on a specific port. If not, use the default telnet port.
6. Select **OK**.

7. Select **Session > Connect** from the application menu or tap the **Connect** button on the Tool Bar.
8. Upon a successful connection, the host application screen is displayed.

To change options (e.g., Display, Colors, Cursor, Barcode), please refer to the RFTerm Reference Guide for descriptions of these and other features.

Disclaimer

Honeywell International Inc. ("HII") reserves the right to make changes in specifications and other information contained in this document without prior notice, and the reader should in all cases consult HII to determine whether any such changes have been made. The information in this publication does not represent a commitment on the part of HII.

HII shall not be liable for technical or editorial errors or omissions contained herein; nor for incidental or consequential damages resulting from the furnishing, performance, or use of this material.

This document contains proprietary information that is protected by copyright. All rights are reserved.

© 2007-2012 Honeywell International Inc. All rights reserved.

Other product names or marks mentioned in this document may be trademarks or registered trademarks of other companies and are the property of their respective owners.

Web Address: www.honeywellaidc.com

Patents

For patent information, please refer to www.honeywellaidc.com/patents.

Technical Assistance

Contact information for technical support, product service, and repair can be found at www.honeywellaidc.com.

Limited Warranty

Refer to www.honeywellaidc.com/warranty_information for your product's warranty information.

User Documentation

To download the HX2 user documentation go to www.honeywellaidc.com.