# DS6878
## Quick Start Guide

**Cradle Insertion**

1 Scan Window
2 Scan Trigger
3 LED
4 Beeper

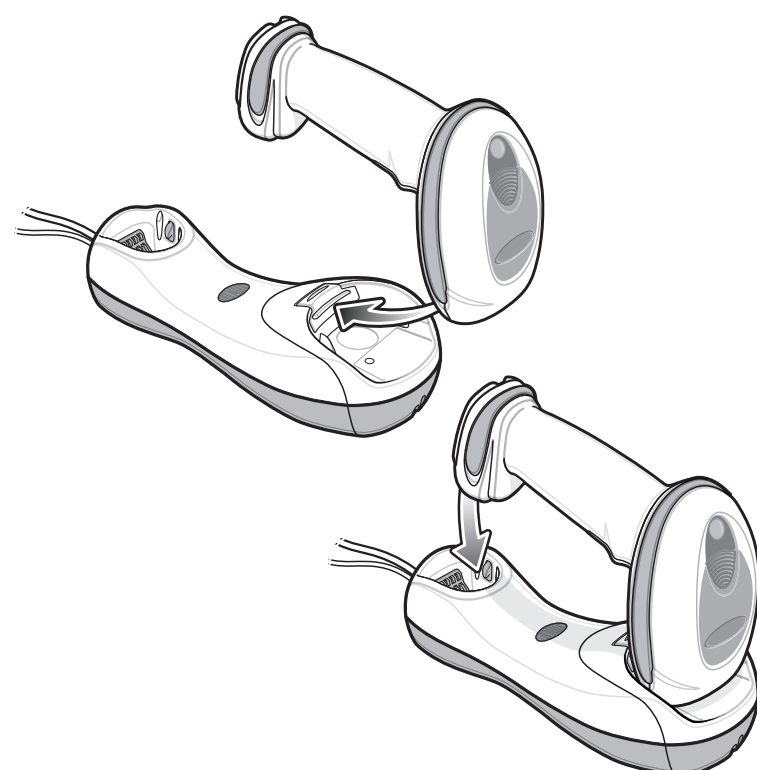*POST IN WORK AREA*

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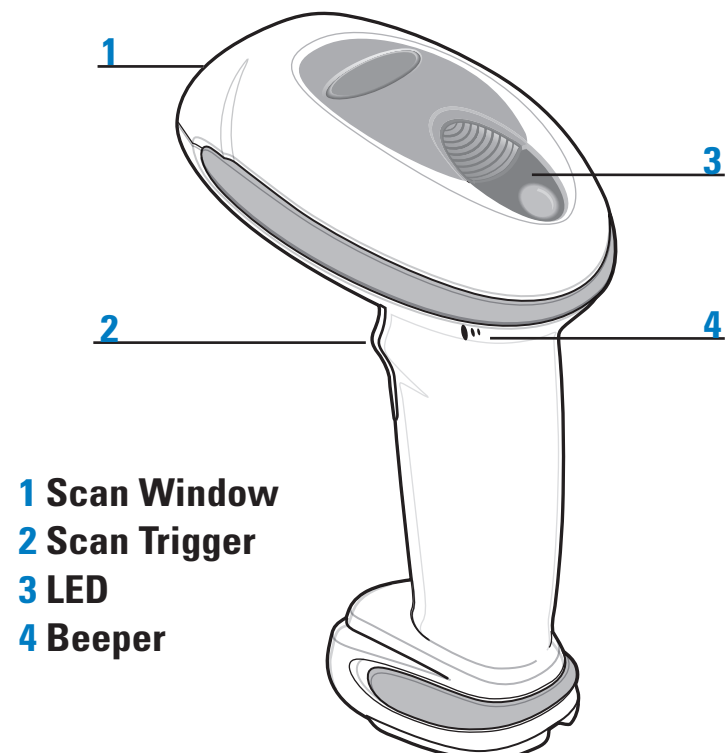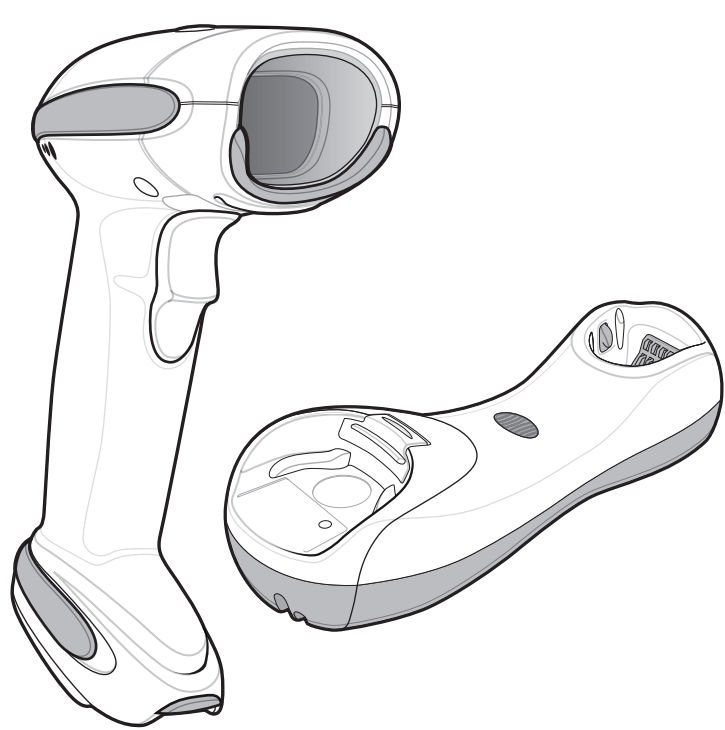
## STEP 1 - BATTERY INSERTION

1    2    3    4    5    6

Battery Connector Clips

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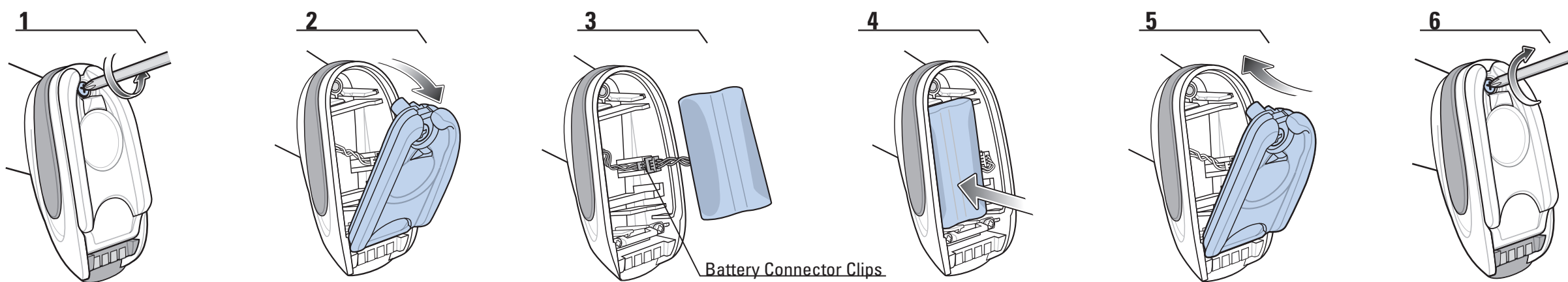
## STEP 2 - CRADLE CABLE CONNECTION

Power

Host

Host

Power

Power

Power (if required)

Connect to Appropriate Host
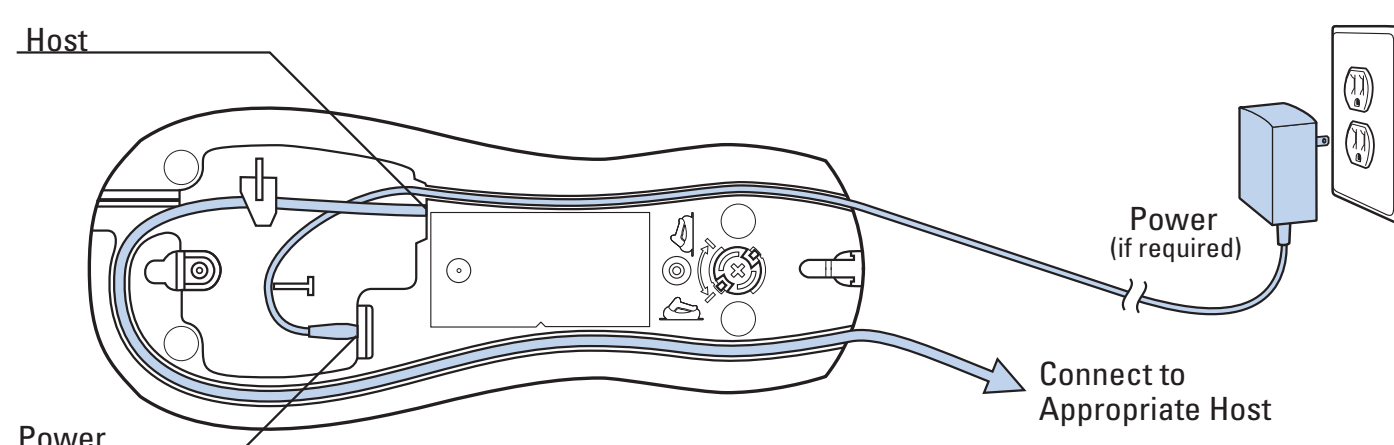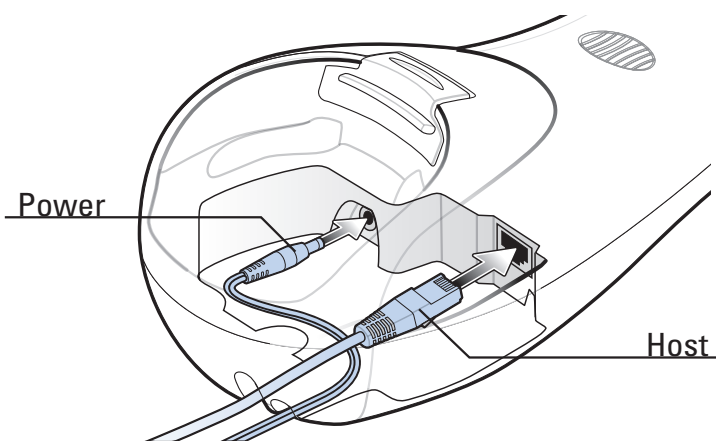
For healthcare environments, use digital scanner p/n DS6878-HC2XXXBWR and cradle p/n CR0078-SC1009BWR with ferrite on power supply (see *Ferrite Installation* instructions included in the box).

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## STEP 3 - CONNECT HOST INTERFACE

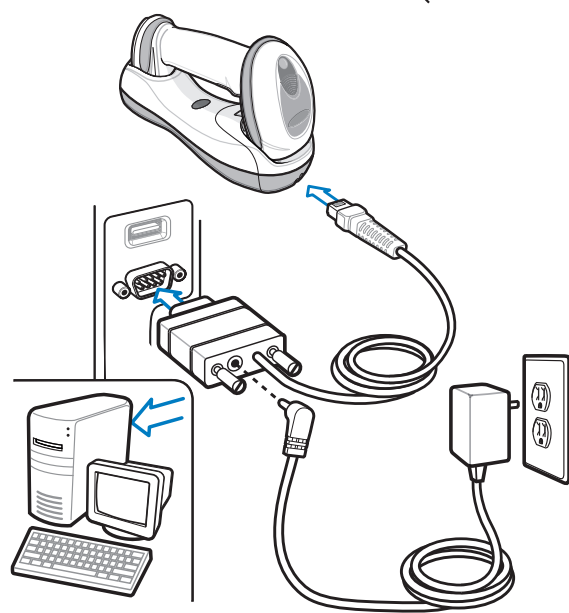**NOTE:** Cables may vary depending on configuration

**RS-232**

**USB**

**IBM 46XX**

## STEP 4 - SET UP INTERFACE (Scan Host Bar Codes)

**RS-232**
Scan *ONE* of the bar codes below

STANDARD RS-232
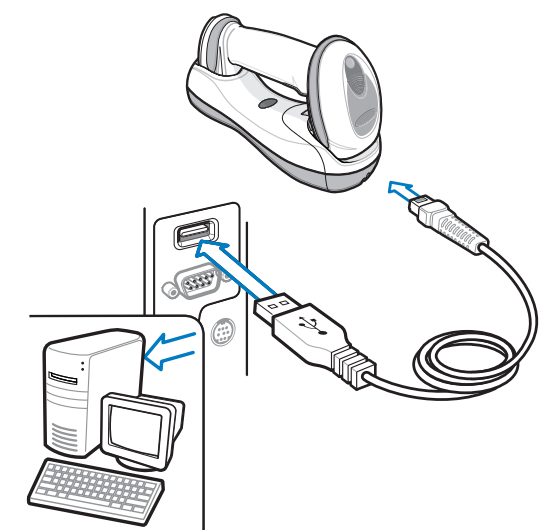
NIXDORF RS-232 MODE A

FUJIITSU RS-232

ICL RS-232

NIXDORF RS-232 MODE B

OPOS/JPOS

**USB**
Scan *ONE* of the bar codes below
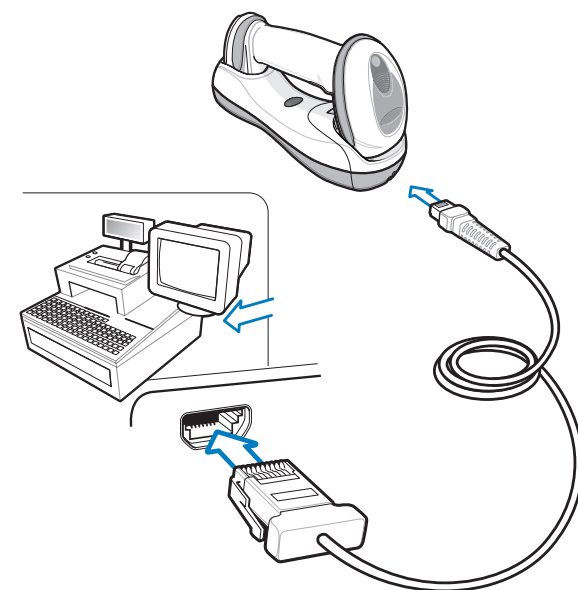
HID KEYBOARD EMULATION

IBM HAND-HELD USB

SNAPI WITH IMAGING
(For use with hands-free base only)

SNAPI WITHOUT IMAGING
(For use with hands-free base only)

**IBM 46XX**
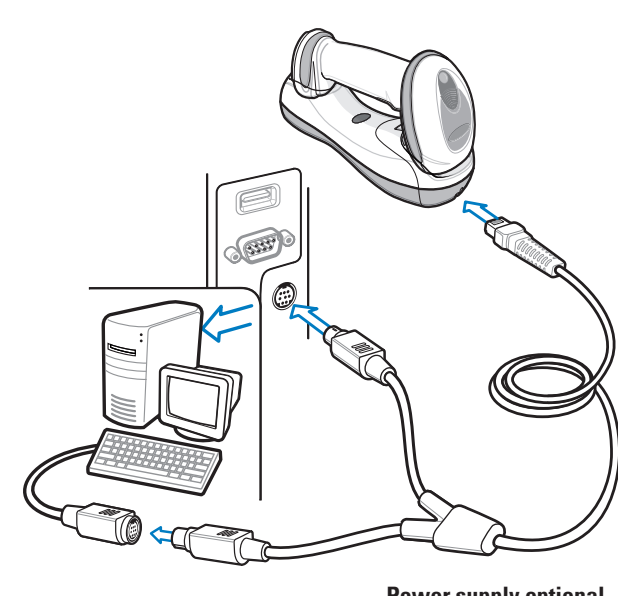Scan *ONE* of the bar codes below

PORT 5B

PORT 17

PORT 9B

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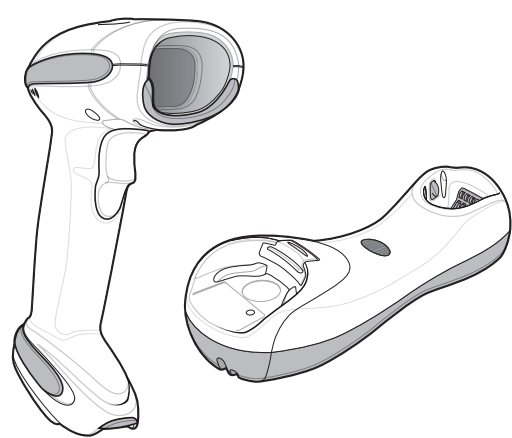**Keyboard Wedge**

Power supply optional

**Keyboard Wedge**
Scan bar code below

IBM PC/AT and IBM PC COMPATIBLE

**123SCAN²**

123Scan² is an easy-to-use , PC-based software tool that enables rapid and easy customized setup via a bar code or USB cable. For more information, visit: http://www.zebra.com/123Scan2

# SCANNING

## Aiming



✓  012345

✗  012345

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# BEEPER INDICATIONS

### Standard Use

| *Low/medium/high beep* | *Short medium beep* | *4 long low beeps* | *4 short beeps* |
|---|---|---|---|
| Power up | Bar code decoded | Transmission error detected; data is ignored | Low battery |

### Parameter Menu Scanning

| *High/low/high/low beep* | *High/low beep* | *Low/high beep* |
|---|---|---|
| Successful parameter setting | Correct programming sequence performed | Incorrect programming sequence or "Cancel" bar code scanned |

### Wireless Operation

| *High/low/high/low beep* | *High/low beep* | *Low/high beep* |
|---|---|---|
| Pairing bar code scanned | Bluetooth disconnection | Bluetooth connection established |

# LED INDICATIONS

### Hand-Held Scanning

| *Off* | *Green* | *Red* |
|---|---|---|
| Scanner is on and ready to scan, or no power to scanner | Bar code is successfully decoded | Transmission error |

### Hands-Free (Presentation) Scanning

| *Off* | *Green* | *Off Momentarily* | *Red* |
|---|---|---|---|
| No power to scanner | Scanner is ready to scan | Bar code is successfully decoded | Transmission error |

### Charging

| *Off* | *Green - Slow Continuous* | *Green - Fast Continuous* | *Green - Solid* |
|---|---|---|---|
| No power to scanner | Non-critical battery temperature fault | Scanner is charging | Scanner is fully charged |

*Local Contact:*

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# TROUBLESHOOTING

### Scanner not working

| *No power to scanner* | *Scanner is disabled* |
|---|---|
| Check system power; battery may be discharged; charge scanner in cradle; check battery door is closed; ensure battery end cap is secured | Ensure that correct host interface cable is used |

### Scanner not decoding bar code

| *Scanner not programmed for bar code type* | *Bar code unreadable* | *Distance between scanner and bar code incorrect* |
|---|---|---|
| Ensure scanner is programmed to read type of bar code beingscanned | Ensure bar code is not defaced; try scanning test bar code of same bar code type | Move scanner closer to or further from bar code |

### Scanner decoding bar code, but data not transmitting to host

| *Scanner not programmed for correct host interface* | *Scanner not paired to host-connected interface* | *Interface cable is loose* | *Cradle lost connection to host* |
|---|---|---|---|
| Scan appropriate host parameter bar codes | Pair the scanner to the cradle | Ensure all cable connections are secure | In this order: disconnect power supply; disconnect host cable; wait three seconds; reconnect host cable; reconnect power supply; reestablish pairing |

### Scanned data incorrectly displayed on host

| *Scanner not programmed for correct host interface* |
|---|
| Scan appropriate host parameter bar codes |

### LED indicates low battery start-up

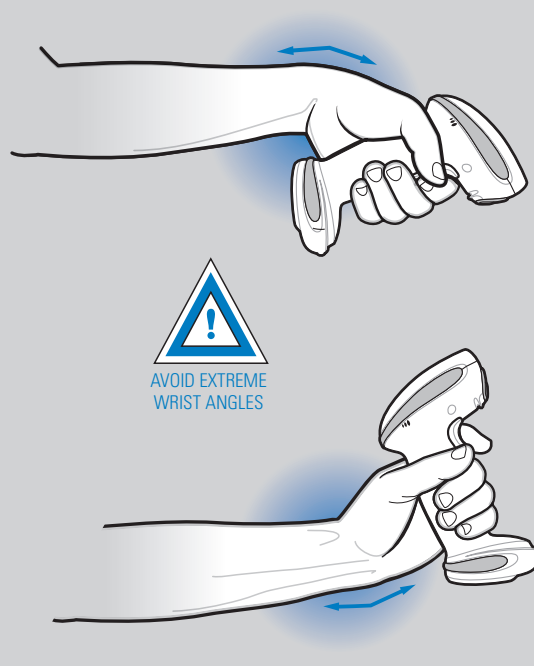| *Low battery start-up* | *Cradle communication error* |
|---|---|
| Wait for red LED to turn green indicating scanner is charging | Inspect contacts; remove and reinsert scanner in cradle |

### LED indicates battery temperature

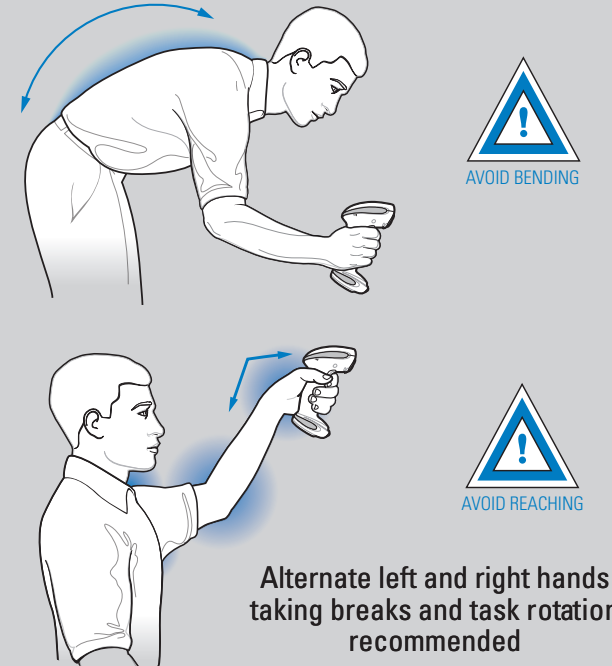| *Battery is above or below normal operating temperature* |
|---|
| Do not use scanner; move scanner to location with normal operating temperature; refer to the *Product Reference Guide* for more information |

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# ERGONOMIC RECOMMENDATIONS

### Optimum Arm Position



### Avoid Extreme Wrist Angles



AVOID EXTREME WRIST ANGLES

### Avoid Bending And Reaching



AVOID BENDING

AVOID REACHING

**Alternate left and right hands taking breaks and task rotation recommended**

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# RADIO COMMUNICATIONS HOST TYPES

Scan a bar code below to choose how the scanner connects to a remote device. Scan **CRADLE HOST** if connecting to the CR0078 cradle. Refer to the *Product Reference Guide* for more information.

### Radio Communications Host Types

CRADLE HOST

SERIAL PORT PROFILE (SLAVE)

HID PROFILE (SLAVE)

SERIAL PORT PROFILE (MASTER)

### Unpairing/Disconnection

UNPAIR/DISCONNECT

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# ADD AN ENTER KEY (Carriage Return/Line Feed)

To add an Enter key after scanned data, scan all *THREE* bar codes in numerical order.

**1**

SCAN OPTIONS

**2**

<DATA><SUFFIX 1>

**3**

ENTER

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# ADD A TAB KEY

To add a **Tab** key after scanned data, scan all *THREE* **Enter** key bar codes above in numerical order then scan all *FIVE* bar codes below in numerical order.

**1**

SCAN SUFFIX

**2**

7

**3**

0

**4**

0

**5**

9

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# SET DEFAULTS

### Return to Factory Defaults

SET DEFAULTS

# BATTERY OFF

### Battery Off for Long Term Storage/Shipping

BATTERY OFF

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