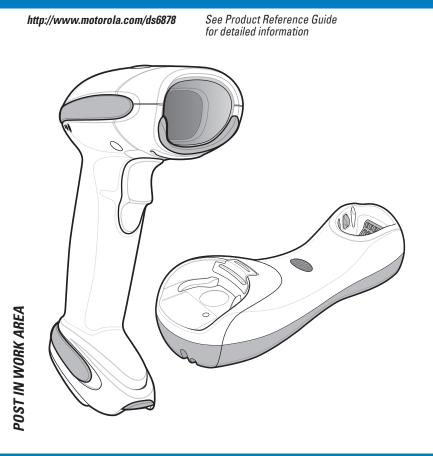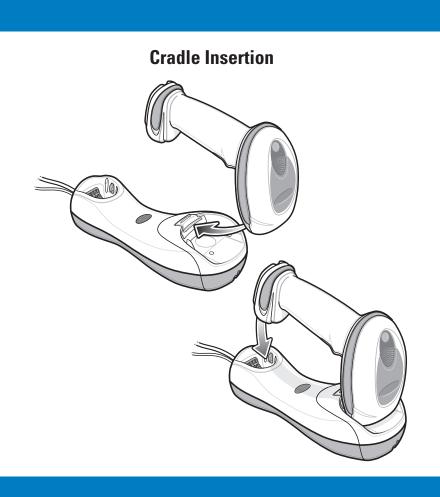# SYMBOL DS6878
Quick Start Guide

POST IN WORK AREA

Cradle Insertion

1 Scan Window
2 Scan Trigger
3 LED
4 Beeper

STEP 1 - BATTERY INSERTION

1 2 3 4 5 6

Battery Connector Clips

STEP 2 - CRADLE CABLE CONNECTION
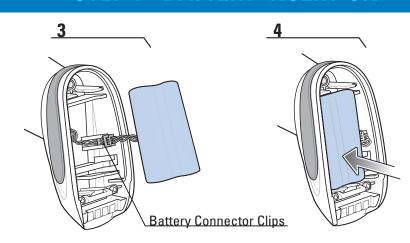
Power

Host

Host

Power

Power

Connect to Appropriate Host

For healthcare environments, use cradle p/n CR0078-SC1009BWR with ferrite on power supply (see *Ferrite Installation* instructions included in the box).

STEP 3 - CONNECT HOST INTERFACE

NOTE: Cables may vary depending on configuration

RS-232

USB

Keyboard Wedge

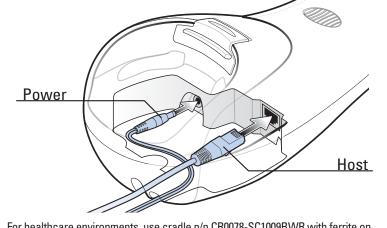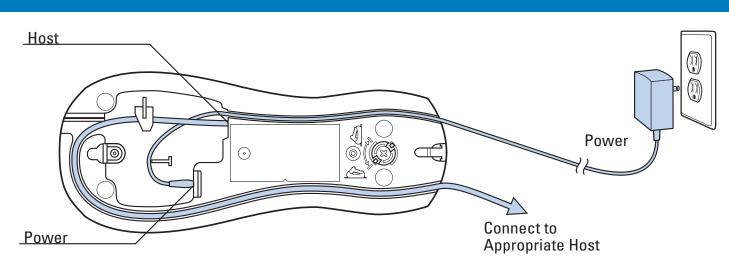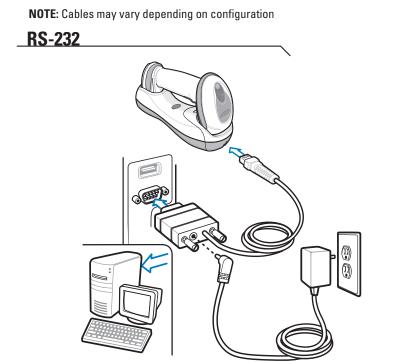Power supply optional

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

FUJITSU 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)

Keyboard Wedge
Scan *ONE* of the bar codes below

IBM PC/AT and IBM PC COMPATIBLE

PORT 17

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

PORT 5B

PORT 9B

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.motorola.com/123Scan2

Aiming

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: _____

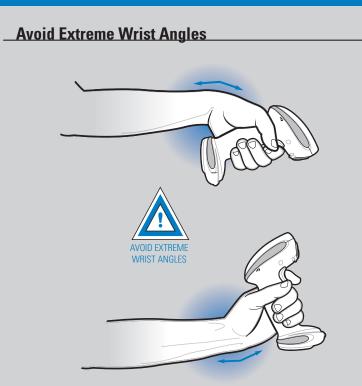## TROUBLESHOOTING

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

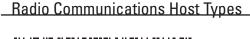| *Battery is above or below normal operating temperature* |
|---|
| Do not use scanner; move scanner to location with normal operating temperature; refer to the *Product Reference Guide* for more information |

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

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 Symbol 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

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	2	3
SCAN OPTIONS	<DATA><SUFFIX 1>	ENTER

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	2	3	4	5
SCAN SUFFIX	7	0	0	9

SET DEFAULTS

Return to Factory Defaults

SET DEFAULTS

BATTERY OFF

Battery Off for Long Term Storage/Shipping

BATTERY OFF

MOTOROLA

Motorola, Inc.
One Motorola Plaza Holtsville, New York 11742-1300, USA
MOTOROLA and the Stylized M Logo and Symbol and the Symbol logo are registered in the U.S. Patent and Trademark Office. All other product or service names are the property of their respective owners.
© Motorola, Inc. 2010

72-132659-01 Revision A March 2010