

WWS450



This Quick Start Guide takes you through the basic steps to get your WWS450 up and running. For detailed instructions on any of the topics covered in this Quick Start Guide, and for information on scanning setup barcodes, changing symbologies, power-saving options, scan modes, etc., please refer to the WWS450 Users Manual.

In this Quick Start Guide:

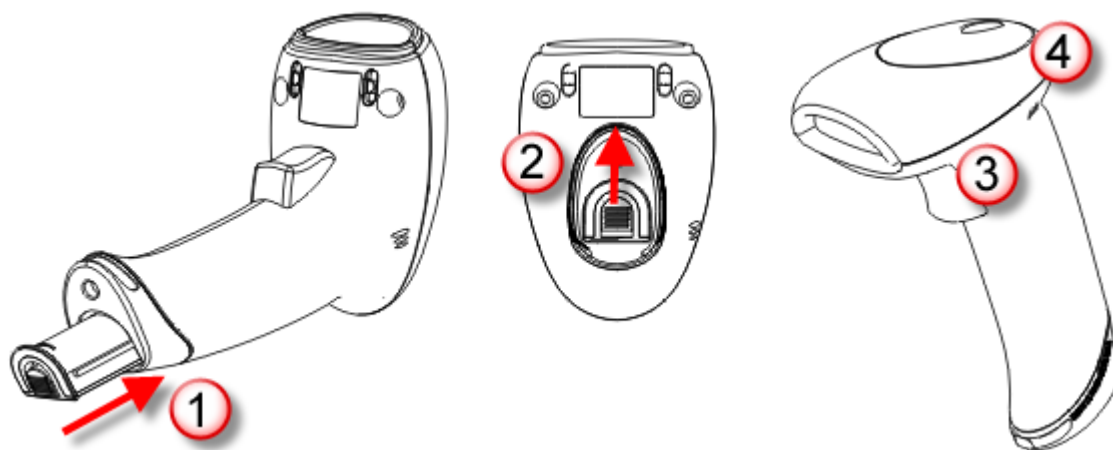
Installing the Battery in the WWS450	3
Setting Up the WWS450 Cradle	4
Charging the Battery via the WWS450 Cradle	5
Charging the Battery Via the Charger.....	6
Turn Off/On the Scanner.....	7
Setting Up a WPAN Connection	8
Connecting Via the WWS450 Cradle.....	9

Installing the Battery in the WWS450

When you first receive the package, the rechargeable battery is stored separately from the scanner. Insert the battery into the scanner first so that it can be charged when sitting in the WWS450 cradle.

Note: Any improper handling may reduce the battery life.

- 1 Hold the scanner still and insert the battery into the battery compartment at the bottom of the scanner.
- 2 Slide the battery latch to lock the battery in the compartment.
- 3 Hold down the trigger about 2 seconds to turn on the scanner.
- 4 The scanner will respond with a long beep and its LED will come on-off shortly.



Note: (1) To turn off the scanner, remove the battery.

(2) For shipping and storage purposes, save the scanner and the battery separately. This will keep the battery in good condition for future use.

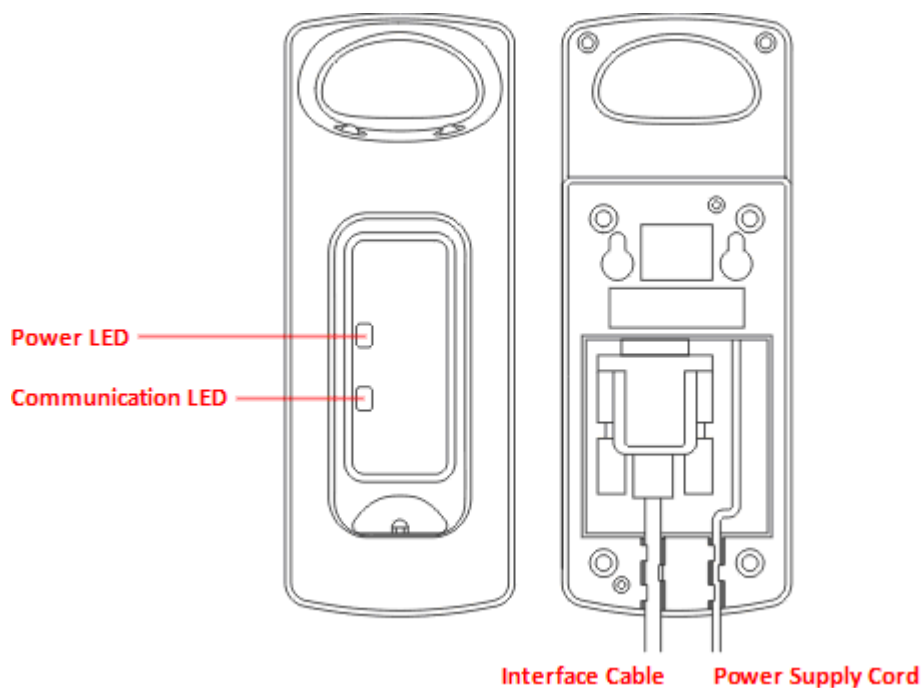
(3) When the battery charge becomes low, you will find the scanner cannot emit a scan beam and its power-on beep sounds different.



Enter Setup

Setting Up the WWS450 Cradle

Capable of charging the WWS450, the cradle is specifically designed for the scanner to communicate with a host computer wirelessly. The connection between the scanners and cradle is made easy and reliable.



Two LED indicators are provided for power and communications status.



Update

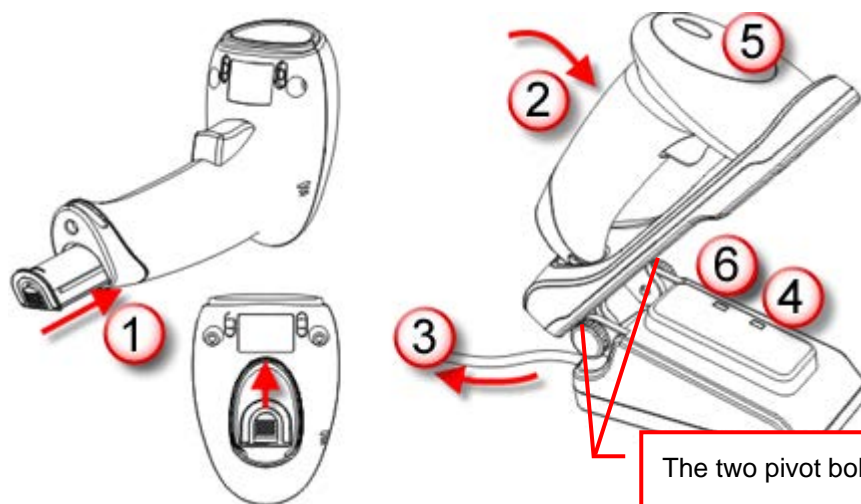
Charging the Battery via the WWS450 Cradle

When you first receive the package, you will need to charge the battery to full before using the scanner. When using the RS-232 cable, it takes approximately 5 hours to charge the battery to full (from the power adaptor).

- 1 Install the battery to the scanner.
- 2 Seat the scanner in the WWS450 cradle.
- 3 Connect the WWS450 cradle stand to your computer or notebook via the USB or RS-232 cable.
- 4 Connect the power supply cord from the WWS450 cradle to a proper power outlet.

Warning: RS-232/USB interface both require connecting the power supply cord. When the stand is solely on USB power, the current may be insufficient for it to function normally. You must connect the power supply cord.

- 5 The LED for power indication on WWS450 Cradle will become solid red.
- 6 The scanner LED will be flashing red during charging.
- 7 When the charging is done, the LED will turn off.
- 8 When charging error occurs, the LED will turn solid red.
- 9 The LED for communications on WWS450 Cradle will first become solid blue while initializing. Refer to the table above for details on different stage of communications.



The two pivot bolts need to be tightened, or charging error may occur.

Warning: If the two pivot bolts are not tightened properly, charging error may occur.



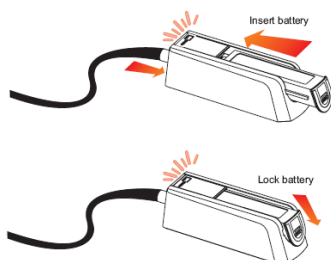
Enter Setup

Charging the Battery Via the Charger

The battery charger is provided for charging the battery only. You may purchase the charger separately. It takes approximately 3 hours to charge the battery to full.

Note: Battery charging stops when the temperature drops below 0°C or exceeds 40°C. It is recommended to charge the battery at room temperature (18°C to 25°C) for optimal performance.

- 1 Insert the battery.
- 2 Lock the battery.
- 3 Connect the power supply cord to the charger.
- 4 Connect the other end of the power cord to a suitable power outlet.



Status LED		Meaning
Red, solid	---	Charger power ON (LED on for 0.5 second)
Red, solid	---	Charging battery
---	Green, solid	Charging done
Red, solid	Green, solid	Pre-charging when battery voltage under 3V (Typical)
---	---	Power or battery not ready



Turn Off/On the Scanner

Turn on the scanner...

After installing the battery, pull down the trigger for about 2 seconds. The scanner will respond with a long beep (high tone), then the LED will become solid red and go off quickly.

Turn off the scanner...

Remove the battery directly or let it turn off automatically in specific circumstances.



Enter Setup

Setting Up a WPAN Connection

The WWS450 scanner can be configured to send data to a host computer wirelessly via the WWS450 Cradle stand, or to a notebook computer or PDA with *Bluetooth*[®] wireless technology. Upon powering up, the scanner will be ready for establishing a WPAN connection.

To establish a connection via the WWS450 Cradle after reading “Set Connection” and “Serial No.” labels ...

Interface Option	Reference in the WWS450 User Manual
Keyboard Wedge	4.4 Keyboard Wedge via WWS450 Cradle
RS-232	4.5 RS-232 Via WWS450 Cradle
USB HID	4.6 USB HID Via WWS450 Cradle
USB Virtual COM	4.7 USB Virtual COM Via WWS450 Cradle

To establish a connection via *Bluetooth*[®] dongle after pairing...

Interface Option	Reference in the WWS450 Manual
BT HID	4.1 BIT HID
BT SPP	4.3 BT SPP Slave, 4.3 BT SPP Master



Enter Setup

Connecting Via the WWS450 Cradle

By default, the interface of WWS450 Cradle is set to "USB HID". Use the interface cable to connect the scanner via WWS450 Cradle to PC. You can have up to seven scanners connected to one computer at the same time.

Note: If you are using USB Virtual COM for the first time, you must install its driver from the CD-ROM. Driver version 5.3 or later is required. Please remove older versions!

You can connect any scanner to WWS450 Cradle by having the scanner read the two labels at the back of WWS450 Cradle. The scanner will respond with one beep upon reading each of the labels.

- "Set Connection" label
- "Serial Number" label

After reading these labels, the scanner will stay active for a specified period of time (2 minutes by default) trying to connect to the WWS450 Cradle stand while its LED is flashing blue (On/Off ratio 0.5 s: 0.5 s). Once connected, the scanner will respond with three beeps (tone ascending from low to high), and the LED becomes flashing blue (On/Off ratio 0.02 s: 3 s). When getting out of range, the scanner will respond with three short beeps (tone descending from high to low).

Read the "Set Connection" label first, and then the "Serial Number" label. If the "Set Connection" label on WWS450 Cradle is illegible, try this one —

Set Connection



Note: The WWS450 Cradle settings will overwrite the interface-related settings on the scanners that are currently connected to WWS450 Cradle.

