Radio Notice

This equipment generates uses and can radiate radio frequency energy. If not installed and used in accordance with the instructions in this manual, it may cause interference to radio communications. The equipment has been tested and found to comply with the limits for a Class A computing device pursuant to EN55022 and 47 CFR, Part 2 and Part 15 of the FCC rules. These specifications are designed to provide reasonable protection against interference when operated in a commercial environment.

Radio and Television Interference

Operation of this equipment in a residential area can cause interference to radio or television reception. This can be determined by turning the equipment off and on. The user is encouraged to try to correct the interference by one or more of the following measures:

Reorient the receiving antenna.

Relocate the device with respect to the receiver.

Move the device away from the receiver.

Plug the device into a different outlet so that the device and the receiver are on different branch circuits.

If necessary the user may consult the manufacturer, and authorized dealer, or experienced radio/television technician for additional suggestions. The user may find the following booklet prepared by the Federal Communications Commission helpful: "How to Identify and Resolve Radio-TV Interference Problems." This booklet is available from the U.S. Government Printing Office, Washington, DC 20402 U.S.A., Stock No. 004000003454.

For CE-countries

This scanner is in conformity with CE standards. Please note that an approved, CE-marked power supply unit should be used in order to maintain CE conformance.

Laser Safety

The laser scanner complies with safety standard IEC 60825 -1for a Class I laser produce. It also complies with CDRH as applicable to a Class IIa laser product. Avoid long term staring into direct laser light.

Radiant Energy: The laser scanner uses one low-power visible laser diodes operating at 650nm in an opto-mechanical scanner resulting in less than 3.9µW radiated power as observed through a 7mm aperture and averaged over 10 seconds.

Do not attempt to remove the protective housing of the scanner, as unprotected laser light with a peak output up to 0.8mW would be accessible inside.

Laser Light Viewing: The scan window is the only aperture through which laser light may be observed from this product. A failure of the scanner motor, while the laser diode continues to emit a laser beam, may cause emission levels to exceed those for safe operation. The scanner has safeguards to prevent this occurrence. If, however, a stationary laser beam is emitted, the failing scanner should be disconnected from its power source immediately.

Adjustments: Do not attempt any adjustments or alteration of this product. Do not remove the protective housing of the scanner. There are no user-serviceable parts inside.

Caution: Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous laser light exposure.

Optical: The use of optical instruments with this product will increase the eye hazard. Optical instruments include binoculars, magnifying glasses, and microscopes but do not include normal eye glasses worn by the user.

<center>**593-351BTE-002**</center>

Introduction

This scanner is well featured with advanced wireless technology, enabling working efficiency for simultaneous data transfer when scanning as well as working portability as not being constrained by short of cable length. Working places as shipping industry, cargo warehouses, superstores, pharmacies, and many more open-space or large-scale manufacturing sites are delighted to enjoy this move-around freedom.

The cradle, a dongle or any device with wireless technology can be the host of this scanner. All scanned data are instantly transferred to the connected host in a 100-meter connection range in open space or 75-meter range in indoor environments (the actual communication range may vary due to indoor placement). As if out of connection range, the embedded 32KB flash memory provides sufficient data space to store up to 500 sets of data.

Either scanning in the handheld or stand mode, this scanner always offers a high-accuracy and reliable scanning ability. This scanner would be your trusted tool scanning partner.

Unpacking

This scanner package contains:

1 ea.	Wireless Single-Line Laser Scanner
1 ea.	Charging Cradle or Cradle with Radio Communication
1 ea.	DC 9V Power Adapter
2 ea.	Ni-MH AA Recharge Battery
1 ea.	Interface Cable (only for the cradle with radio communication)
1 ea.	Hand stripe
1 ea.	User's Manual

If any contents are damaged or missing, please contact your dealer immediately.

Please leave this user's manual within easy access of person using the scanner.

Wireless Handheld Laser/CCD Scanner

Quick Operation Guide

Scanner Outline

- Exit Window
- LED Lamp
- Buzzer
- Logo
- Scan Trigger
- Battery Cabinet
- Cradle Detecting Point

Cradle Host Outline

- Scanner Detecting Point
- DC Jack
- Scanner Holder
- Cable Release Hole
- Cable Socket
- LED Lamp
- Function Triggers

## Installing and Charging Scanner Batteries

Installing Batteries

The rechargeable batteries are packed individually for shipping safety.
Please follow the steps below to install the batteries.

Caution:
Always use the rechargeable batteries provided by the manufacturer to avoid any non-compatible danger or void the warranty.
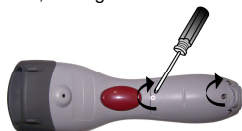
1. Loose the two screws enough to remove the battery cover. (It would not be necessary to remove the screws otherwise may result in losing them.)
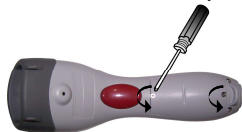
2. Insert the batteries into the scanner one by one. (positive pole to positive pole, negative pole to negative pole)
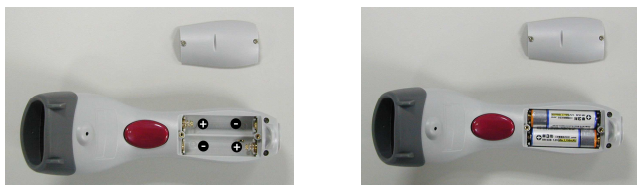

3. Put back the battery cover, and tighten both screws.

Charging Batteries

For users with the charging cradle, you can connect the charging cradle with power adapter and the scanner is now in charging.

For cradle host users, you can connect the cradle with the power adapter first, then place the scanner into the cradle in a 30°angle and press down to make it seat tight into the cradle; a clear and short beep is heard when position correctly into the cradle.
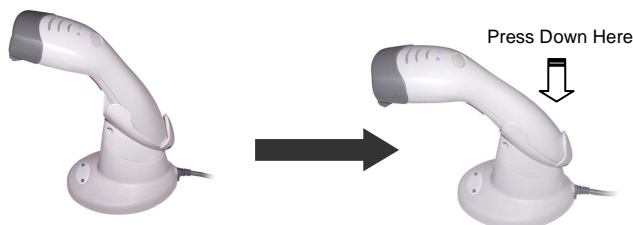
Press Down Here

Once the scanner is well situated in the cradle, press down any one of the small buttons at the side of LED lamp to start charging (Shown as Below).

The LED light in RED as in charge, and light in BLUE when full charged.

We call this "Smart Charge", as battery life is well depended on the charging number of times, so only charge the batteries when necessary by following the abovementioned procedures to prolong your battery life.

You may also set up auto-charging as every time the scanner is placed into the cradle. Follow and scan the appropriate barcode symbols to set up from programming section of this booklet.

Note:
- *For first charging, always charge the batteries over 5 hours continuously to prolong your battery life.*
- *After every full charge, you may use the scanner for 8 hours continuously.*
- *Recommended charging environment is temperature in 0℃~35℃ (32℉~95℉).*

Connecting the Cradle
There are two types of cradle to select for this scanner.
- Charging Cradle
- Cradle Host

Charging Cradle
This cradle designs for battery charging only, it does not support radio communication. Simply connect the external DC-9V9W power adapter into it and place scanner into cradle to start charging.

Cradle Host
The cradle host features with advanced wireless technology and designs to support radio communication to the scanner. It the same has charging functionality.

Connection on Cradle Host

The scanner pairs with the cradle, when the scanner scans barcode data and passes to cradle via radio communication, the cradle sends data to host by its interface cable. Steps to connect the cradle to host as follows:

1. Take the desirable interface cable and insert the RJ-45 connector to cradle cable box until you hear a clear and short "click" sound, then connect the other end to the host.

2. When using Keyboard wedge and USB interface for radio communication, it is not necessary to have an external power adapter if host has sufficient power. But these interfaces need external power adapter when charging batteries.

Note: When external power adapter (9V) is available, the cradle will disregard the power supply from host (5V).

3. If using RS-232 interface, it is necessary to plug an external power adapter always. Plug the power adapter into the DC-Jack of cradle cable box. (Shown as Below)

4. Once cradle powers up, its LED lamp lights RED for one second then turns to flashes BLUE light. The BLUE LED means the cradle is waiting to be connected. If the scanner pairs with this cradle, they are connected, and BLUE LED light is always on.

Detach the Interface Cable

There is a hole on cradle cable box, and use a sharp pin to push down the hole while using another hand gently pull out the interface cable to release it slowly.

Pairing Scanner and Cradle Host

This scanner supports three radio communication types,
- Cradle Host,
- SPP (Serial Protocol Profile) Slave
- SPP (Serial Protocol Profile) Master.

Refer to User's Manual for detailed description.

Paging the Scanner

Paging the scanner often happens when you have two or more pairs of scanners and communication cradles, and can not find which scanner pairs with its cradle.

Press any key on cradle, and it sends out a signal to its paired scanner, this scanner beeps 3 beeps and lights BLUE LED 3 times. But if the scanner is out of its receiving range, then it won't react to the cradle.

Scanning
There are two ways to scan with this device.
- Handheld scanning
- Hands-free scanning

Handheld Scanning
In the handheld scanning, hand held the scanner and simply aim at a barcode label and push the scanner trigger to scan. Avoid aim vertically to the barcode label as a total reflection might effect the scanning performance.

Hands-free Scanning
Put the scanner into the cradle for hands-free scanning, and move the barcode label approach the scanner scanning zone.

Maintenance
This device provides reliable and efficient operation with a minimum of care. Any visibly dirty, or scratch on the scanner window will degrade reading performance, therefore do not use abrasive wipes or tissues on the window. When the scanner is not operating, use a soft cloth or lens tissue and gently wipe the scanning window lens.

Do not spread liquid or submerge into liquid in any circumstance.

To know more about *Pairing* or *Programming* of this scanner, please refer to User's Manual or contact your sales distributor for detail set up procedures.