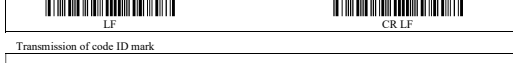
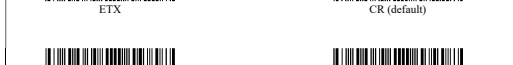
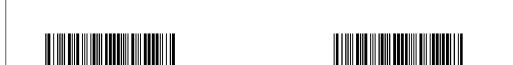
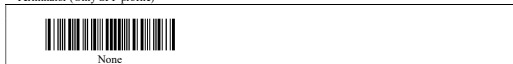


■ Transmission format

Header (Only SPP profile)



Terminator (Only SPP profile)



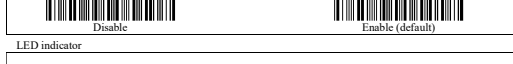
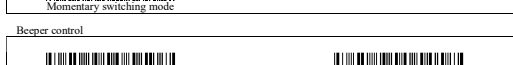
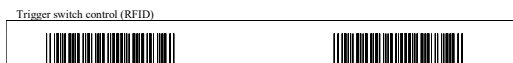
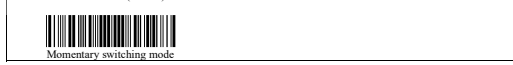
■ Batteries

Battery level check



■ Other settings

Trigger switch control (Barcode)

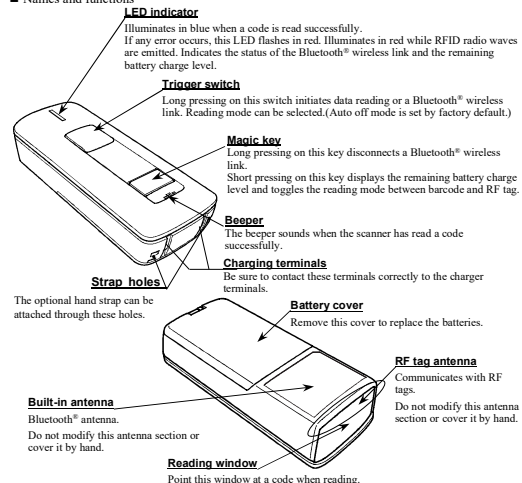


Chapter 1 Packing List and Names and Functions

■ Packing list

- The base package contains the following.
 - RF Tag Handy Scanner: one
 - Operator's guide (this sheet): one
- Available separately are the following options.
 - Communications adapter (BA series)
 - Interface cable for communications adapter
 - Charger
 - AC adapter
 - Silicone cover
 - Hand strap

■ Names and functions

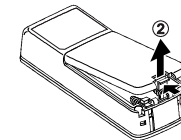


To turn off the SE1-BUB-C, press the trigger switch and the magic key together at the same time for more than three seconds. The beeper is sounded and the scanner is turned off.

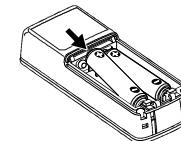
Chapter 2 Inserting the Batteries

Insert batteries, in order to use the SE1-BUB-C. Ensure that the SE1-BUB-C is turned off before replacing the batteries. You should select the battery type to get to know the remaining battery power level.

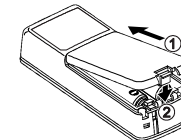
SE1-BUB-C uses AA rechargeable NiMH batteries (HR6). You should insert batteries correctly in the following processes. Slide the battery cover lock (1) in the direction indicated by the arrow and remove the battery cover (2).



Make sure that the new batteries are in the correct orientation when inserting them. Insert the new batteries in the direction indicated by the arrow. The SE1-BUB-C does not function if its polarity is reversed.



Insert the battery cover tab (1), and then close the battery cover (2). The battery cover is now locked in position.



NOTE: If you do not use the SE1-BUB-C for a long time, remove the batteries from the scanner and keep them in storage.
NOTE: When rechargeable NiMH batteries are used, the operation manual of batteries should be read, and AA rechargeable NiMH batteries should be correctly used according to the directions. "eneloop" with 1900 mAh battery capacity is recommended for rechargeable NiMH batteries.
NOTE: The batteries cover should be attached when using the scanner.

Chapter 3 Bluetooth® connecting

Connecting to Communication adapter, iPhone, iPad, Android device and Windows PC etc.
● Connecting to BA11/BA20 communication adapter (Connecting with SPP profile)

- Connect the BA11/BA20 to the Windows PC. When the driver installation is complete, please confirm that the USB-COM port has been recognized.
- Set to "Start operation" of the scanner. Scanning the order of the "Start setting" > "Start operation" > "End setting" the Barcoded Parameter Menu. Bluetooth® is now available. (The factory default is "Start operation".)
- Scanner setting to Communication adapter of BA11/BA20. Read the barcode on the reverse side of the BA11/BA20. [The beeper will sound three times.]
- Connect to the BA11/BA20. LED indicator will blink in blue, The Bluetooth® wireless link is ready. The beeper will sound twice.]
- Future connections, you can connect by pressing the trigger switch. (Only when connecting to the identical BA11/BA20)

- Connecting to iPhone, iPad, Android device, Windows PC, etc. iPhone and iPad can be connected at the HID profile. Android device and Windows PC can be connected at the profile HID or SPP.
 - Turn ON the power of connected devices, Bluetooth® communication function to ON.
 - Set to "Start operation" of the scanner. Scanning the order of the "Start setting" > "Start operation" > "End setting" the Barcoded Parameter Menu. Bluetooth® is now available. (The factory default is "Start operation".)
 - Scanner setting to Communication adapter. Scanning the order "Easy connection setup" the Barcoded Parameter Menu. [The beeper will sound three times. Communication adapter registration has been completed.]
 - Wait for the connections from each other.
 - Search the scanner from the connected device, Connect to select the connection profile. [The Bluetooth® wireless link is ready for use. The beeper will sound twice.]
 - Future connections, you can connect by pressing the trigger switch. (Only when connecting to the identical device)

To set up the connection method and a detailed, please refer to the manual or help of equipment to be used.

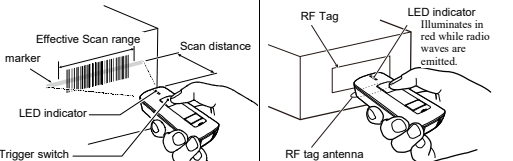
NOTE: Communication may be disconnected depending on the radio wave conditions. If the communication is broken, the data being transmitted may be lost or corrupted. If this happens, you are recommended to take either of the following methods according to the profile type.
SPP profile: Use the ACK/NAK or the data-packing protocols for data transmission.
HID profile: On the connected device, check the input data, such as the number of input digits or integrity, provided from the SE1-BUB-C. Take appropriate measures for your application if the input data is incorrect.
Refer to the User's Manual for further details on the communication control.

Chapter 4 Scanning Codes and Tags

Be sure to insert the batteries into the scanner before using the scanner for the first time or after an extended period of disuse.

- Operating procedure
- Scanning Codes

- Bring the reading window to a target code and press the trigger switch. The scanner turns the marker beam and the illumination on to indicate the scanning range and scans the code respectively. Align the center of the marker beam with that of the target code.



- Wait for the LED indicator to turn blue, and the beeper to sound to operate, indicating a successful read.

Notes for code scanning
NOTE: The scan distance is approximately 10 cm (3.9").
NOTE: Flatten the barcode surface as much as possible.
NOTE: Reading may fail in direct sunlight or extremely bright places.
NOTE: Left and right reversed barcodes can be read.
NOTE: A barcode inside a vinyl bag may not be read. Take out the barcode label from the bag if failed to read.

Notes for RF tag scanning
NOTE: The scan distance is approximately 3 cm. (The scan area varies depending on the RF tag type and the ambient environment.)
NOTE: Radio waves are used to read RF tags. Reading performance may decrease if metal objects or radio equipment such as a cellular phone, personal radio equipment, or a microwave oven exists near the scanner. Use the scanner away from metal objects or radio equipment.
NOTE: Do not cover the RF antenna area by hand. This may result in reading failures.
NOTE: Reading may not be possible if other RFID device exists near the scanner, or is placed side by side.
NOTE: Reading performance may decrease due to the resonance frequency shift depending on the material that the tag is adhered. Select the RF tag with smaller resonance frequency shift, and make sure that the scanner communicates properly with tags before actual use.

Chapter 5 Battery level check

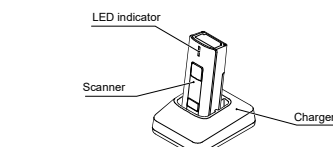
When the magic key is pressed, a battery level will be indicated on the LED indicator. The battery level is shown in the LED indicator color.

- 40% or more: Green
- 10% - 40%: Orange
- Less than 10%: Red

Chapter 6 Charging the Batteries

Some heat generation in the scanner unit or charger during charging is perfectly normal.

- Connect the AC adapter to the charger and then plug it into an electrical outlet.
- Place the scanner in the charger. The scanner's LED indicator turns red, indicating the start of charging. When charging is complete, the charge goes off and the LED indicator turns off.
- Remove the scanner from the charger and unplug the AC adapter from the electrical outlet.



Charging time is approximately 10 hours for the recommended rechargeable batteries. (Charging time varies depending on the battery usage conditions. Charging is not possible if the LED indicator flashes in red or orange. Refer to the Troubleshooting section to solve the problem.
Refer to User's Manual for details of battery charging.

NOTE: When using the optional silicone cover, attach the cover correctly to the scanner as instructed in the manual that comes with the cover.
NOTE: When using the optional strap, place the strap until it fits into the strap guide groove on the charger. Charging may fail if the strap contacts with the charging terminals. Refer to the charger Operator's Guide for details of the strap guide.
NOTE: The scanner is capable of charging the commercial rechargeable NiMH batteries, but does not guarantees that all types of batteries can be charged. A genuine charger for each battery manufacturer is recommended in order to get the best performance of the battery. eneloop® (1900 mAh battery capacity) is recommended for the rechargeable NiMH battery.
NOTE: Do not use or charge the AA alkaline batteries with the scanner.

■ Battery Service Life

The batteries are consumable part. Battery service life varies depending on the usage conditions and the battery type. The performance of the NiMH battery will deteriorate gradually with repeated charging and discharging, even during normal use. When the batteries operation time becomes shorter even after charging for the specified length of time, replace the battery with a new one. Refer to the battery manual for details.

■ Customer Registration

To allow us to provide our customers with comprehensive service and support, we request that all customers complete a Member Registration Form. Registered members will be offered the following privileges.

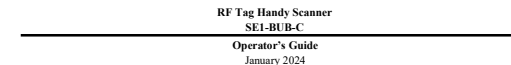
- The latest upgrade information
- Free information for exhibitions, event, and new products
- Free web-information service "QbDirect."

QbDirect Service Contents	
Information searching service (FAQ)	Offers detailed information on each product.
Download service	Offers downloads of update modules with the latest OS systems for the RF Tag Handy Scanner Series, and sample programs.
E-mail inquiries	Product related queries can be sent in by e-mail.

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How to Register
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