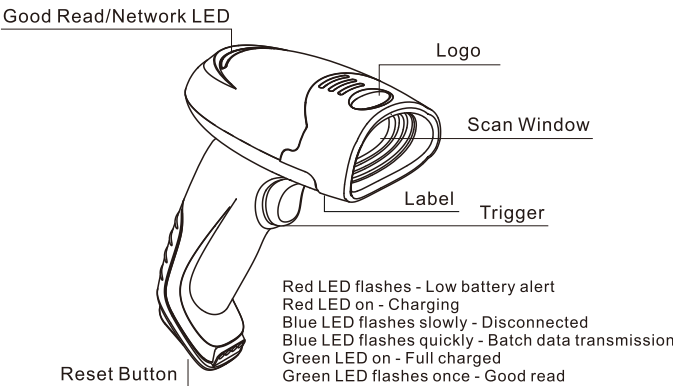# BSH-32B BLK

Wireless Barcode Scanner
Quick Start

★star
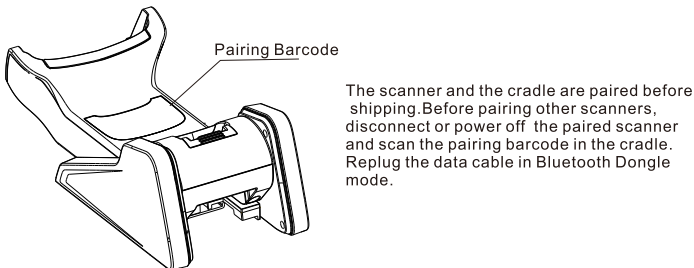
For the detailed user manual and additional information please visit:
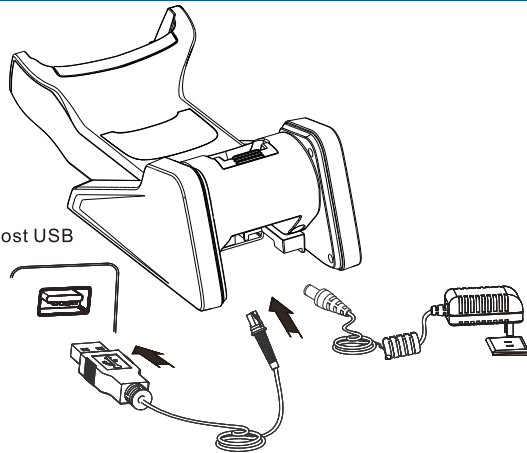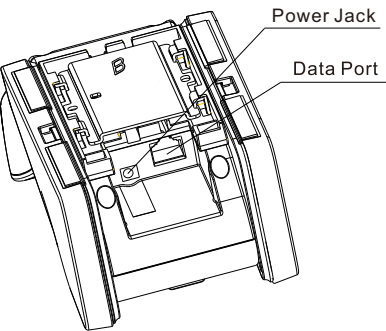www.starmicronics.com/help-center/
V2.0

Scanner

Good Read/Network LED
Logo
Scan Window
Label
Trigger
Reset Button

Red LED flashes - Low battery alert
Red LED on - Charging
Blue LED flashes slowly - Disconnected
Blue LED flashes quickly - Batch data transmission
Green LED on - Full charged
Green LED flashes once - Good read

Cradle (Horizontal Mount)

Pairing Barcode

The scanner and the cradle are paired before shipping.Before pairing other scanners, disconnect or power off the paired scanner and scan the pairing barcode in the cradle. Replug the data cable in Bluetooth Dongle mode.

Note:Cradle is for USB Bluetooth Dongle mode connection.

1

Connecting the Cradle to the Host with USB Cable

Host USB
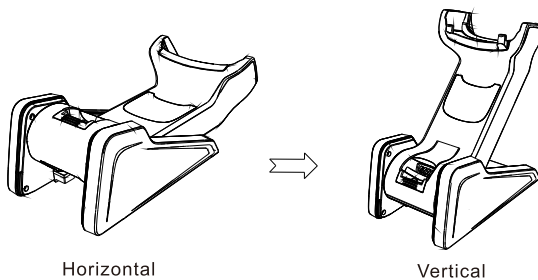
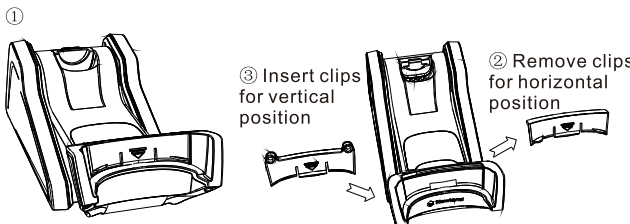Note: The power jack and data port are located at the bottom of cradle as shown below.

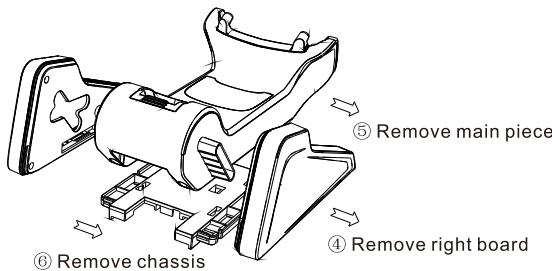Power Jack
Data Port

2

Cradle - Vertical Mount

Horizontal   Vertical

①
③ Insert clips for vertical position
② Remove clips for horizontal position

3

Cradle - Vertical Mount

⑤ Remove main piece
④ Remove right board
⑥ Remove chassis
⑧ Insert main piece
⑨ Insert right board
⑦ Insert chassis

4

Cradle-Wall Mount& Battery Maintenance

Install the two plastic wall anchors in a wall and use screws to secure the plate to the wall with its A side facing the wall. Slide the vertical cradle onto the plate
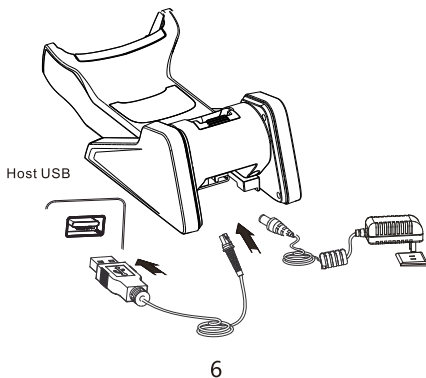
Note:
Device Battery Maintenance
In order to avoid excessive battery discharge,We advise to charge and discharge the device every 6 months if they are not used for a long time.
Step1: **Charge**(stop charge when the electric quantity reaches about 100%)
Step2: **Discharge** (stop discharging when the electric quantity reaches to 0% or the device shutdowns automatically)
Step3: **Charge**(stop charge when the electric quantity reaches about 80%)

5

Communicate with the Host

Direct Bluetooth connection

1. Scan the Enter Setup Programming Barcode followed by the preferred Direct Bluetooth Mode barcode.Scan the Exit Programing Barcode after all changes are made.
2. Open the Bluetooth Settings of the host.
3. Pull the trigger of the scanner to wake it from Sleep mode. Wait until the LED becomes solid Blue and a Beep is heard.
4. Find the scanner in the list of available Bluetooth devices.
5. Connect the scanner to the host.

USB Bluetooth Dongle

Host USB

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Barcode Programming

Note: Asterisks (**) indicate factory default values.

1. Enter/Exit Setup

@SETUPE1
Enter Setup

@SETUPE0
** Exit Setup

2. Factory Defaults

@FACDEF

【Restore All Factory Defaults】

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Barcode Programming

3. Batch Mode

@WLSBAT0
**Off

@WLSBAT1
Automatic Batch Mode

@WLSBAT2
Manual Batch Mode

4. Direct Bluetooth connection(Bluetooth Mode)

@INTERF10
Bluetooth HID

@INTERF11
Bluetooth BLE

8

Barcode Programming

5.USB Bluetooth Dongle Connection(Bluetooth Dongle Mode)

@INTERF19
**Bluetooth Dongle KBW

@INTERF18
Bluetooth Dongle HID POS

@INTERF17
Bluetooth Dongle CDC
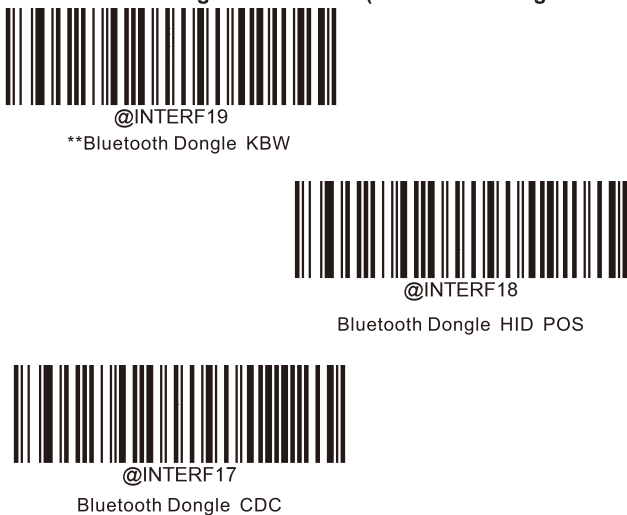
6. Power off scanner

@PWROFF
Power Off Scanner

NOTE: WHEN USING THE SCANNER FOR THE FIRST TIME, YOU MUST INSERT THE SCANNER IN A POWERED CRADLE TO EXIT BATTERY PROTECTION MODE BEFORE TURNING IT ON.

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UKCA

UK CA

1) Bluetooth:
Maximum RF power: 6dBm.
frequency range: 2402-2480MHz

2)We hereby declares that this device is in compliance with the essential requirements and other relevant provisions of Radio Equipment Regulations 2017.

3) The full test of the UK declaration of conformity is available at the following internet address: www.starmicronics.com

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FCC

Radio Frequency Interference Requirements
Radio Transmitters (Part 15)
This device complies with Part 15 of the FCC Rules.
Operation is subject to the following two conditions:
(1)This device may not cause harmful interference,and
(2)This device must accept any interference received, including interference that may cause undesired operation.

FC Tested to comply with FCC Standards
FOR HOME OR OFFICE USE
FCCID:SL9BSH-32B

Note
This equipment has been tested and found to comply with the limits for a Class B digital device,pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.
This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.
However, there is no guarantee that interference will not occur in a particular installation.
If this equipment does cause harmful interference to radio or television reception, which 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 or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.

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FCC/IC

Note:
Changes or modifications to this equipment not expressly approved by the party responsible for compliance could void the user's authority to operate theequipment.

FCC/IC Radiation Exposure Statement

This device must not be co-located or operating in conjunction with any other antenna or transmitter.
This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65 and RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment has very low levels of RF energy that it deemed to comply without maximum permissive exposure evaluation(MPE). But it is desirable that it should be installed and operated keeping the radiator at least 20cm or more away from person's body (excluding extremities: hands, wrists, feet and ankles).

Cet appareil ne doit pas être situé à proximité ou fonctionner en conjonction avec une autre antenne ou un autre émetteur.
Cet équipement est conforme aux limites d'exposition aux rayonnements énoncées pour un environnement non contrôlé et respecte les règles les radioélectriques (RF) de la FCC lignes directrices d'exposition dans le Supplément C à OET65 et d'exposition aux fréquences radioélectriques (RF) CNR-102 de l'IC.Cet équipement émet une énergie RF très faible qui est considérée conforme sans évaluation de l'exposition maximale autorisée.
Cependant, cet équipement doit être installé et utilisé en gardant une distance de 20 cm ou plus entre le dispositif rayonnant et le corps (à l'exception des extrémités : mains, poignets, pieds et chevilles)

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CE / WEEE

CE

Marking and European Economic Area (EEA)
Statement of Compliance
We hereby declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, table-cloths, curtains, etc.;

This product max operating ambient temperate is 60 degree C.

Direct Current Symbol

RECYCLING:

This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE).
This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment.

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IC

IC Statement

This device complies with Industry Canada license-exempt RSS standard(s).
Operation is subject to the following two conditions:
(1) this device may not cause interference, and
(2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.
L'exploitation est autorisée aux deux conditions suivantes :
(1) l'appareil ne doit pas produire de brouillage, et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

The device is compliance with RF field strength limits, users can obtain Canadian information on RF exposure and compliance.

Le présent appareil est conforme de ce matériel aux conformités ou aux limites d'intensité de champ RF, les utilisateurs peuvent sur l'exposition aux radiofréquences et la conformité d'acquérir les informations correspondante.

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.
CAN ICES-003 (B)/NMB-003(B)

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Troubleshooting

When the scanner is not working, please:

1. Check for loose cable connections. Make sure only supplied cables are used and all cable connections are secure.
2. Ensure the barcode is not defaced. Wrinkled, soiled or torn barcodes might be unreadable. Try scanning the known readable barcode to verify the reading function of the scanner.
3. Find out the barcode type and ensure the barcode type is enabled.
4. Ensure the cradle is programmed for the correct host interface.
5. Ensure the scanner is paired to the cradle.
6. If the problem still persists, please contact your dealer or Star Micronics.

More Information

● For more information about BSH-32B BLK,please visit the Star website at www.starmicronics.com

PN:37950970

Hand Held Barcode Scanner   Quick Start