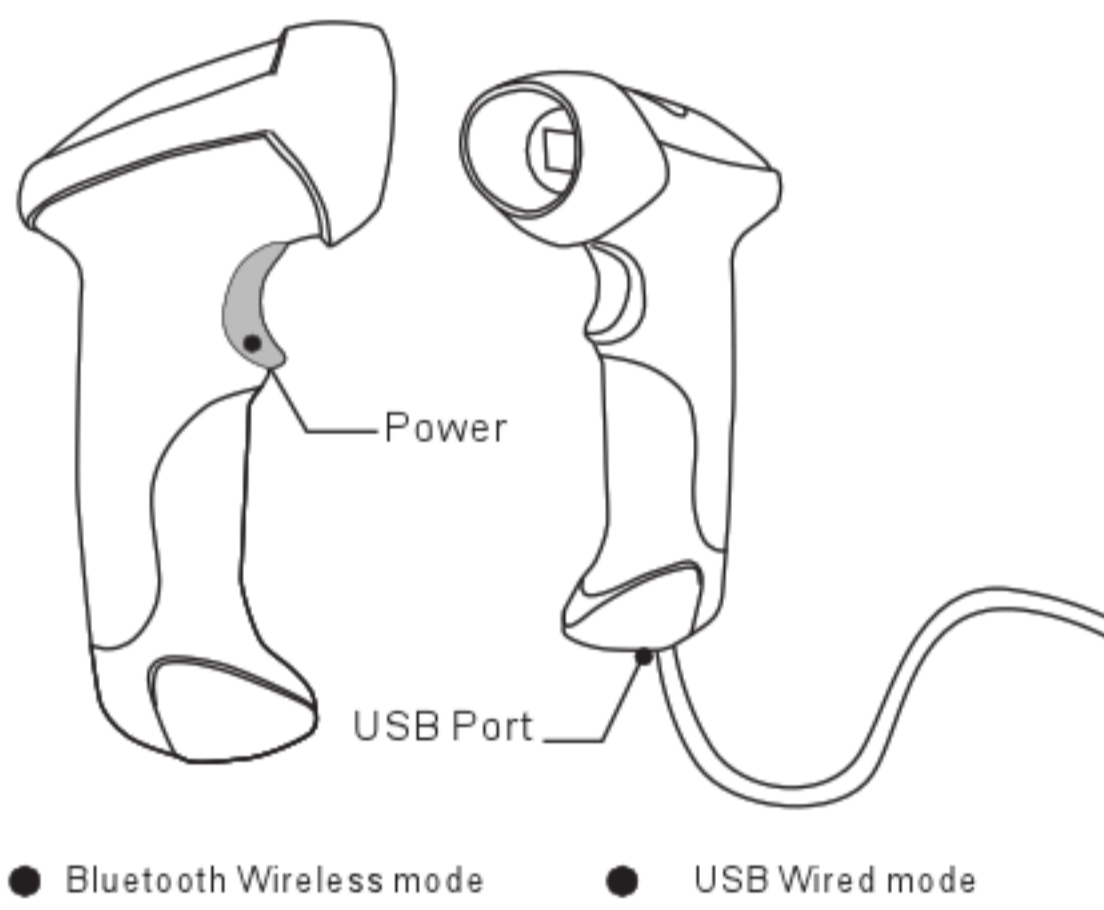


1 BCST-10 Barcode Scanner Overview

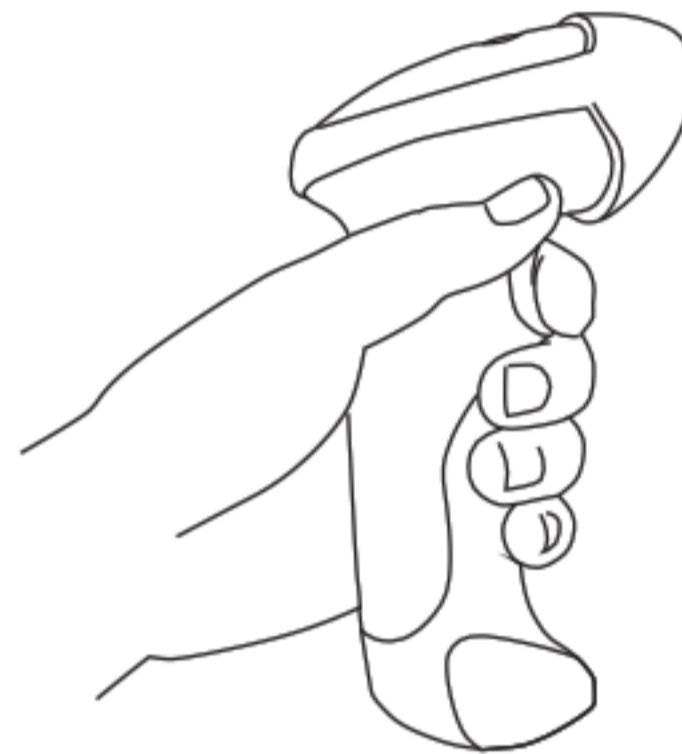
BCST-10 integrates high-performance processor and decoding board, it has fast decoding, high-precision reading ability, and high anti-interference ability. It can easily read barcodes on paper, goods and other media. The DOF has greatly improvement with similar products, also it has highly scanning speed, powerful reading ability with high accuracy.




Appearance:



Functions Setup:

BCST-10 Barcode Scanner change all the default functions setup through reading the setup barcodes.



-  Enter Setup
-  Read function barcode
-  Exit with Save



Performance Characteristics

Bluetooth	Bluetooth class 2.1, Version +EDR
Light Source (Laser)	Laser LED 650+/-20nm
Decode Capability	Codabar, Code 11, Code 93, MSI, Code 128, UCC/EAN-128, Code 39, EAN-8, EAN-13, UPC-A, ISBN, Industrial 25, Interleaved 25, Standard 25, 2/5 Matrix
Resolution	3mil
Nominal Working Distance	6~30cm
Decode Rate	100 decodes per second
Scan width	30mm
Decode mode	Single-Line Aiming
Scan mode	Auto off mode / Manual mode
Print Contrast Minimum	30%
Scan angles	Roll 30° Pitch 75° Yaw 65°
Cylinder Horizontal Scan	Diameter 35mm
Indication	Beeper, LED
Radio Range	10m Visual range
Interfaces Supported	SPP, HID, USB2.0
Processor	ARM 7 72MHz
EEPROM	128K, can store thousands of barcodes
Wireless Communication	HID and SPP dual mode data transmission under Bluetooth class 2.1 protocol
Battery	1400mAh lithium battery

Note:

1. If you want to setup the function of BCST-10. Read 'Enter Setup' barcode, then 'Function Setup' barcode, and read 'Exit with Save' at last.
2. If the device has been paired with a Bluetooth device and needs to be paired with another Bluetooth device, please restore factory settings and then re-pair.

2 Pairing with Windows XP

1. Read 'Enter Setup' barcode, the indicator become purple



2. Read 'Factory Reset' barcode, the indicator become red



3. Restart BCST-10 barcode scanner
4. Open Bluetooth panel in the PC, click 'Add a device...'
5. Click 'Next' to searching for the devices
6. The computer will search Bluetooth devices automatically, A few seconds later, you will find CT10 in the available devices list
7. Double click CT10 device or click 'Next', select 'Enter the device's pairing code', and input the pairing code 10010, click 'Next'
8. You will find a prompting at the lower right corner of your computer desktop for adding a device. After around 5 seconds, you will hear a beep from BCST-10, and the indicator from red to blue, the pairing successfully.

3 Pairing with Windows 7/8

1. Read 'Enter Setup' barcode, the indicator become purple



2. Read 'Factory Reset' barcode, the indicator become red



3. Read 'Enter Setup' barcode



4. Read 'One-click Win7/8 Keyboard Connection' barcode



5. Read 'Exit with Save' barcode



6. Restart BCST-10 barcode scanner

7. Turn on the Bluetooth in Win7/8 OS, search for BCST-10
8. Input the pairing code 10010 in the Bluetooth pairing request dialog
9. Click 'Next' or 'OK' button, you will hear a beep from BCST-10, the pairing successfully.

4 Pairing with MAC OS

Method 1 (This method is only applicable to English keyboard. Please use Method 2 if barcode sequence error occurs.)

1. Read 'Enter Setup' barcode, the indicator become purple



2. Read 'Factory Reset' barcode, the indicator become red



3. Restart BCST-10 barcode scanner
4. Open Bluetooth panel in the PC, click 'Bluetooth Setup Assistant...' to Searching for the devices
5. The computer will search Bluetooth devices automatically, A few seconds later, you will find CT10 in the available devices list

6. Double click CT10 device or click 'Continue', click 'Passcode Option...' and select 'Use a specific passcode', enter the passcode 10010, then click 'OK'.
7. It will shortly display "Pairing was completed successfully". After around 5 seconds, you will hear a beep from BCST-10, and the indicator from red to blue, the pairing successfully.

Method 2

1. Read 'Enter Setup' barcode, the indicator become purple



2. Read 'Factory Reset' barcode, the indicator become red



3. Read 'Enter Setup' barcode



4. Read 'One-click Mac OS Connection' barcode



5. Read 'Exit with Save' barcode



Exit with Save

- Restart BCST-10 barcode scanner
- Open Bluetooth panel in the PC, click 'Bluetooth Setup Assistant...' to Searching for the devices
- The computer will search Bluetooth devices automatically, A few seconds later, you will find CT10 in the available devices list
- Double click CT10 device or click 'Continue', it will popup Bluetooth pairing request dialog with the PIN code.
(Note: The PIN code contains too many digits by default which could result in failure to the pairing process. Please click 'Passcode Option...' and select 'Use a specific passcode', enter a new PIN code with fewer digits.)
- Find above mentioned numbers in following barcodes, read them continuously, and then read 'Exit without Save' barcode, finish the pairing.



0



2



4



1



3



5



6



8



7



9



Exit without Save

5 Pairing with IOS devices

- Read 'Enter Setup' barcode, the indicator become purple



Enter Setup

- Read 'Factory Reset' barcode, the indicator become red



Factory Reset

- Read 'Enter Setup' barcode



Enter Setup

- Read 'One-click Mac OS Connection' barcode



One-click IOS Connection

- Read 'Exit with Save' barcode



Exit with Save

- Restart BCST-10 barcode scanner
- Turn on the Bluetooth in iOS devices, search for BCST-10
- Click BCST-10 in available devices, it will popup Bluetooth pairing request dialog with the PIN code
- Find left mentioned numbers in following barcodes, read them continuously, and then read 'Exit without Save' barcode, finish the pairing.



0



1



2



4



6



8



3



5



7



9



Exit without Save

6 Pairing with Android devices

- Read 'Enter Setup' barcode, the indicator become purple



Enter Setup

- Read 'Factory Reset' barcode, the indicator become red



Factory Reset

- Read 'Enter Setup' barcode



Enter Setup

- Read 'One-click Android Keyboard Connection' barcode



One-click Android Keyboard Connection

- Read 'Exit with Save' barcode



Exit with Save

- Restart BCST-10 barcode scanner
- Turn on the Bluetooth in Android devices, search for CT10
- Input the pairing code 10010 in the Bluetooth pairing request dialog
- Click 'Next' or 'OK' button, you will hear a beep from BCST-10, the pairing successfully.

7 Offline Mode

If you are heading for a working area which lies outside the Bluetooth signal range, you may activate the offline mode of the scanner, following the steps described below. Under this enhanced offline mode, all scanned data will be stored directly into the buffer memory of the device. Furthermore, the data entries will be permanently saved in the buffer memory prior to the manual upload into the working station, so that you may upload them time and again to your liking.

Due to the fact that the data entries will be automatically wiped from the buffer memory during upload, a data loss is possible when malfunctions occur during upload, e.g. if the working station suffers a unanticipated system shut down.

An operation in offline mode is strongly recommended under the following scenarios:

- During the scanning process, the device often leaves the Bluetooth signal range;
- Due to a high quantity of blocking objects, the Bluetooth signal's stability can't be ensured.

- By scanning the following barcode, the offline mode will be activated.



Offline mode activation

- By scanning the following barcode, all data in the buffer memory will be deleted (only in offline mode).



Buffer data purge

- By scanning the following barcode, all data entries in the buffer memory can be manually uploaded after reconnecting to the working station (only in offline mode).



Manual data upload

- By scanning the following barcode, the gross quantity of the uploaded data entries will be summarised (only in offline mode).



Summarising of uploaded data entry quantity

- By scanning the following barcode, the device leaves the offline mode, normal mode will be reinitialised.



Quit offline mode

8 Keyboard Language Setting

Read 'Start Setting' Barcode - 'Select your keyboard language' - Save and quit - Change your PC language as selected.



Read 'Start Setting' Barcode



Italian Keyboard



US Keyboard



German Keyboard



French Keyboard



Spanish Keyboard



Save and Quit

Eg: Switching to German keyboard



Read 'Start Setting' Barcode



German Keyboard



Save and Quit

9 Common Function Barcodes



Do not Apply Enter for suffix



Apply Tab for suffix



Exit Auto Power Off



Disable Auto Upload



Enable Auto-induction Mode



Bluetooth Input Method



Enable SPP



SPP Batch Upload

Warning:

1. Please remove the power and USB cable under thunderstorm weather, to avoid damage from thunder and lightning.
2. Away heat source, keep ventilating.
3. Pay attention to waterproof during storage, transportation and running.
4. Please use the matched power adapter offered by the supplier.

LED Indicators

Indicator Colour

Green LED on(1s) and off quickly
 Purple, Flashing (On/Off ratio 1:1)
 Blue, Flashing (On/Off ratio 1:1)

Blue, Flashing (On/Off ratio 20ms:3s)

Red, Flashing (On/Off ratio 1:1)

Battery Status

Charging (Bluetooth disconnected)
 Charging (Bluetooth connected)
 Battery full charge (Bluetooth disconnected)
 Battery full charge (Bluetooth connected)

Note: The charging status light only displays when the device is turned on.

Meaning

Good Read, with one short beep (high tone)
 Indicates the BCST-10 Scanner in Setting mode
 Indicates the BT is waiting for connection or BCST-10 is out of transmission range
 Indicates the BCST-10 Scanner establish a BT connection successfully, or it is reconnect with BT.
 Indicates the BCST-10 Scanner has no address of BT which connects with before.

LED Indicator

Red and green indicator flashing
 Blue and green indicator flashing
 Red indicator flashing
 Blue indicator flashing

Beeper

Beeping

One long beep, high tone
 One short beep, high tone
 One long beep, low tone

Two short beeps, high tone
 Two short beeps, low-high tone

Two short beeps, high-low tone

Three short beeps, tone descending from high to low
 Three short beeps, tone ascending from low to high

Meaning

Power on.
 Read barcode, with green LED on (1s) and off quickly
 Configuration error, with purple flashing;
 Or transmit buffer full, with green LED on and off quickly
 Power off.
 BT connection established, with blue LED flashing (On/Off ratio 20ms:3s).
 BT connection out of range or suspended, with blue LED flashing (On/Off ratio 1:1).
 Enter or Exit Setting mode, with purple LED flashing.

Configuration correct, with purple LED flashing;

10 Function Setup Barcodes

(Note: the barcode with * is default setting of BCST-10)



Enable Code bar



(* Disable Code bar



(* Enable Code 39



Disable Code 39



(* Enable UPC-E



Disable UPC-E



Enable Industrial 25



(* Disable Industrial 25



Enable Code 93



(* Disable Code 93



Enable MSI



(* Disable MSI



Enable Interleaved 25



(* Disable Interleaved 25



(* Enable Code 128



Disable Code 128



Enable Code 11



(* Disable Code 11



Enable Matrix 25



(* Disable Matrix 25



(* Enable EAN-8



Disable EAN-8



Enable Standard 25



(* Disable Standard 25



Disable EAN-13



(* Enable EAN-13



Exit with Save



Enter Setup

BCST-10

inateck®

- ▶ USB wired + Bluetooth wireless communication
- ▶ Built-in FLASH memory, supports breakpoint resume
- ▶ Can store 1350 pieces Code-128 codes under offline state
- ▶ Supports Windows XP, Win7/8, Wince, mobile OS PC and android, iOS devices

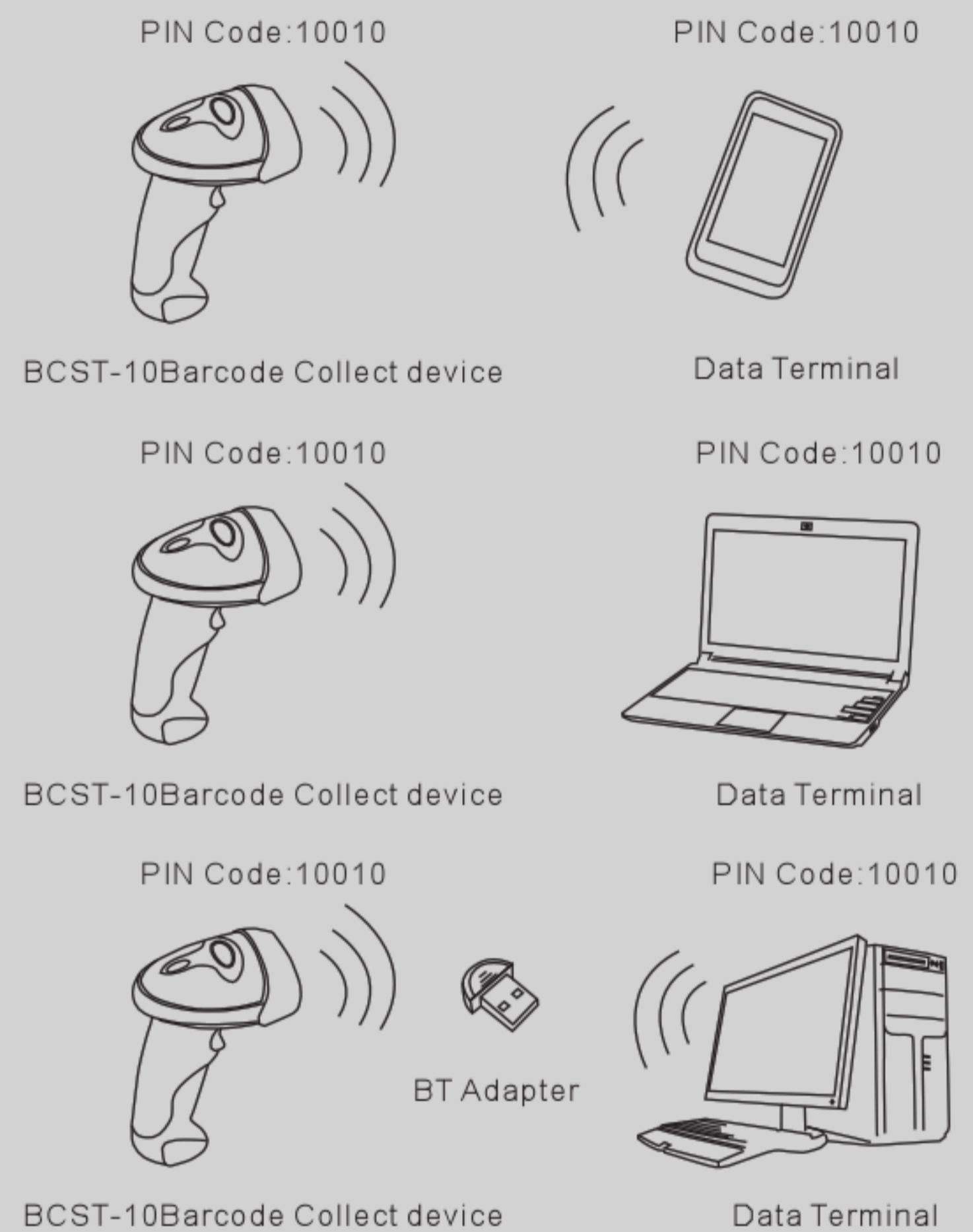
BCST-10 Barcode Scanner Quick Start Guide

Packing list:

BCST-10*1unit
USB cable*1pce
Quick Start Guide

Note: The device is not equipped with the charger, please charge the device via USB output charging equipment.

Bluetooth Application:



inateck®

Tel: 0341-5199 8407
(Service time: Mon.- Fri. 9:00 - 17:00 PST)
Email: support@inateck.com
Website: Http://www.inateck.com