



Bluetooth to RS232/RJ45

DX-CP26 Instruction Manual

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Foreword

Dear user. The following is the product information and instructions for use.

1. Packing List

• CP26 Mobile Phone(T1)

- ✦ DX-CP26 *1
- ✦ Rod Rubber Antenna *1
- ✦ USB Data Cable *1
- ✦ Instruction Manual *1
- ✦ RJ45 Adapter Cable *1
- ✦ RS232 Adapter Cable (Male Connector) *1

• CP26 Computer(T2)

- ✦ DX-CP26 *1
- ✦ Rod Rubber Antenna *1
- ✦ USB Data Cable *1
- ✦ Instruction Manual *1
- ✦ RJ45 Adapter Cable *1
- ✦ RS232 Adapter Cable (Male Connector) *1
- ✦ CP11 Adapter *1

• CP26 Device Model(T3)

- ✦ DX-CP26 *2
- ✦ Rod Rubber Antenna *2
- ✦ USB Data Cable *2
- ✦ Instruction Manual *1
- ✦ RJ45 Adapter Cable *2
- ✦ RS232 Adapter Cable (Male Connector) *2

• Accessory Dimensions

- ✦ CP26: 60*27.8*16.4mm
- ✦ CP11: 67*25*10mm
- ✦ Antenna: 108mm

2. Product Specifications

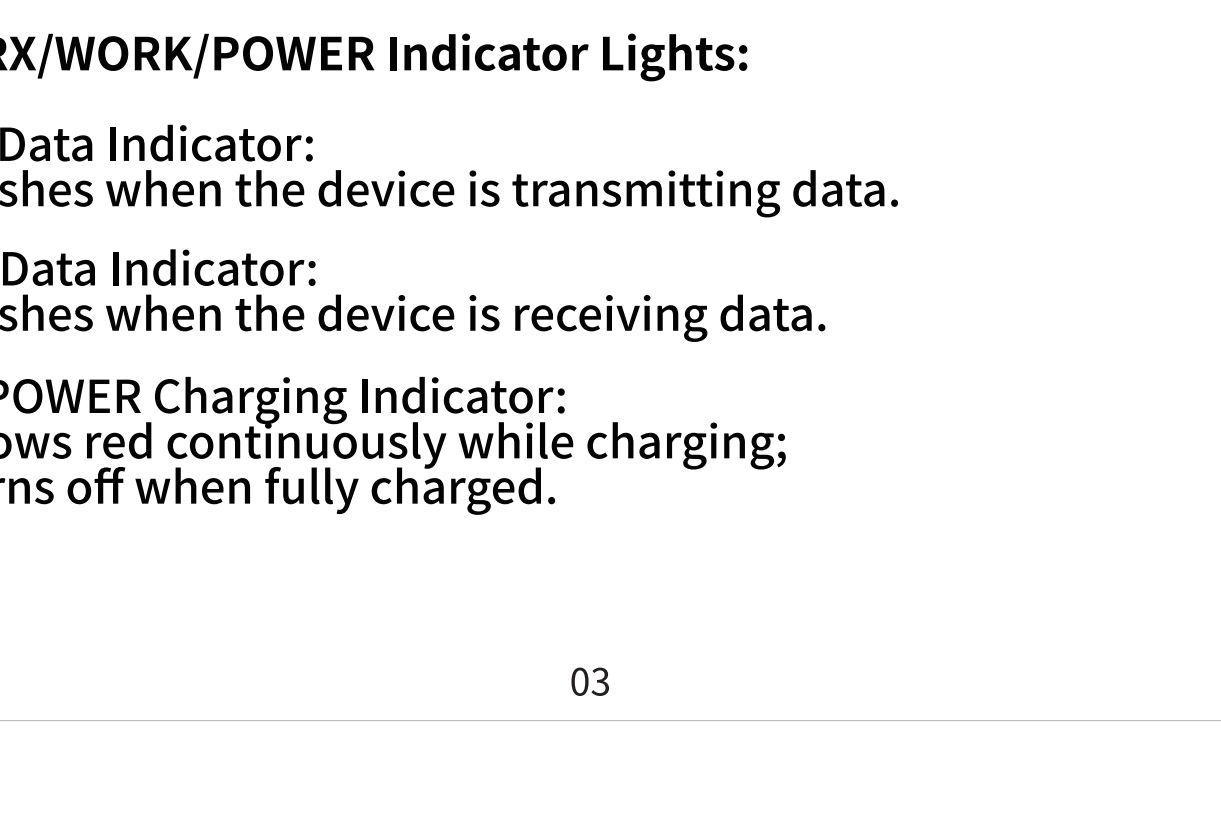
Bluetooth Name	RS232/RJ45	
BLE UUID	SERVICE UUID: FFE0 WRITE UUID: FFE2	NOTIFY/RITE UUID: FFE1
Serial Port Type	RS232	
Serial Port Default Parameters	9600bps/8/n/1 Baud rate/Data bits/No parity/Stop bits	
Power Supply Method	DC5-36V	
Interface Type	RJ45/RS232 Interface	

01

3. Interface and Function Specifications

CP26 Product Diagram

- ① TX: Data transmission indicator (red)
- ② RX: Data reception indicator (green)
- ③ WORK: Operational status indicator (blue)
- ④ ⚡ : Charging indicator (red)
- ⑤ KEY: Power on/off, shutdown & baud rate switch button
- ⑥ USB: USB power supply port, USB charging port
- ⑦ ANT: External antenna connector
- ⑧ RJ45 & RS232: RJ45 wiring port, RJ45 to RS232 communication port



02

CP26 KEY Button

- ① **KEY Functionality:**
When Bluetooth is connected: Press once briefly to disconnect Bluetooth.
When Bluetooth is disconnected: Press twice briefly in succession to toggle the baud rate.
- ② **Power On/Off Function:**
Power On: Press and hold for one second to switch
Power Off: Press and hold for three seconds to switch off.
- ③ **Baud Rate Switching Function:**
Press the KEY pin twice in quick succession to toggle the baud rate once. The number of **blue LED** flashes indicates the baud rate code.

Baud Rate Numbering Table:

Flash Count	1	2	3	4	5	6	7
Baud rate	2400	4800	9600	19200	38400	57600	115200

*Factory default baud rate: 9600, blue LED flashes three times.

TX/RX/WORK/POWER Indicator Lights:

- TX Data Indicator:
Flashes when the device is transmitting data.
- RX Data Indicator:
Flashes when the device is receiving data.
- ⚡ POWER Charging Indicator:
Glows red continuously while charging;
turns off when fully charged.

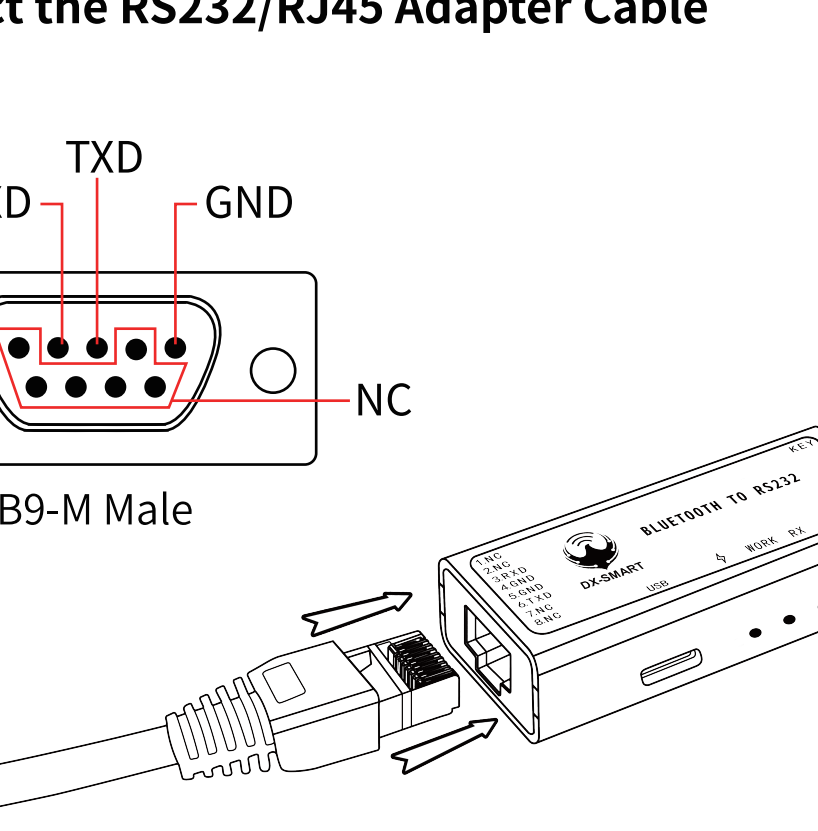
03

WORK Operational Status Indicator:

- ✦ Bluetooth not connected (**blue light flashing**):
The number of flashes indicates the baud rate code.
(Refer to the baud rate code table on page 03 for details)
- ✦ Bluetooth connected status: Blue light steady on

Schematic Diagram of CP11 Adapter:

- ① USB port
- ② KEY: Disconnect/Switch baud rate
- ③ WORK: Operational status indicator
- ④ TX: Data transmission indicator
- ⑤ RX: Data reception indicator



CP11 Adapter KEY Button

- ① **KEY Functionality:**
When Bluetooth is connected: Press once briefly to disconnect Bluetooth.
When Bluetooth is disconnected: Press twice briefly in succession to toggle the baud rate.
- ② **Baud Rate Switching Function:**
Press the KEY pin twice in quick succession to toggle the baud rate once. The number of **red LED** flashes indicates the baud rate code.

04

Baud Rate Numbering Table:

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Baud rate	2400	4800	9600	19200	38400	57600	115200

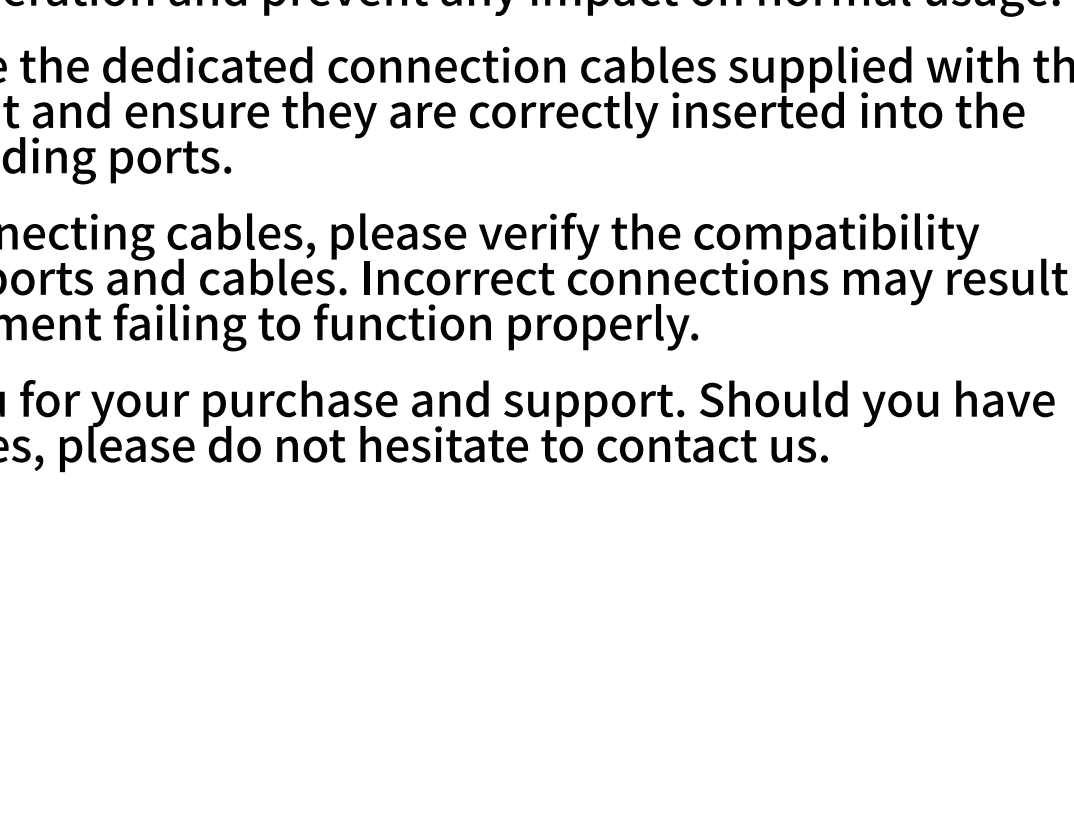
TX/RX/WORK Indicator Lights:

- TX Data Indicator:
Green light flashes when the device transmits data.
- RX Data Indicator:
Blue light flashes when the device receives data.
- WORK Operational Status Indicator:
 - ✦ Bluetooth not connected (**red light flashing**):
The number of flashes indicates the baud rate code.
(For details, please refer to the baud rate code table above.)
 - ✦ Bluetooth connected status: Red light steady on

Note: When using the CP11 adapter, the computer must download and install the CH341SER driver software. Using the UartAssist serial communication software.

4. Installation and Connection

a. Install External Antenna



05

b. Connect the RS232/RJ45 Adapter Cable



c. Connect the RS232/RJ45 Adapter Cable

- Mobile version:
Search for "DX-SMART" in your mobile app store, then download and install the software.
- Desktop/bridge version:
Download the hardware package (serial port software + driver software) from the official website or Google Drive.

Official Website: en.szdx-smart.com

The product information pack contains:

- Read Me
- CH341SER driver
- UartAssist

06

d. Three Modes of Transmission

T1: Mobile Phone & CP26 Slave(Transparent Transmission)

T2: CP11 and CP26 Slave(Computer Model)

T3: CP26 Master & CP26 Slave(Device Model)

07

5. Important Notes

- Please strictly adhere to the equipment manufacturer's recommendations during use.
- Please refer to the accompanying installation guide to ensure correct operation and prevent any impact on normal usage.
- Please use the dedicated connection cables supplied with the equipment and ensure they are correctly inserted into the corresponding ports.
- When connecting cables, please verify the compatibility between ports and cables. Incorrect connections may result in the equipment failing to function properly.
- Thank you for your purchase and support. Should you have any queries, please do not hesitate to contact us.

08