



**DX-SMART**

**DX-CP26蓝牙转RS232/RJ45**



扫码更多贴心服务



视频教程

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1

**前言**

尊敬的用户,您好!以下是基本信息和使用说明。

**一、包装清单**

•**CP26手机款(T1)**

- ✧DX-CP26 \*1
- ✧胶棒天线 \*1
- ✧USB充电线 \*1
- ✧说明书 \*1
- ✧RJ45转接线 \*1
- ✧RS232转接线(公接头)\*1

•**CP26电脑款(T2)**

- ✧DX-CP26 \*1
- ✧胶棒天线 \*1
- ✧USB充电线 \*1
- ✧说明书 \*1
- ✧RJ45转接线 \*1
- ✧RS232转接线(公接头)\*1
- ✧CP11 \*1

•**CP26桥接款(T3)**

- ✧DX-CP26 \*2
- ✧胶棒天线 \*2
- ✧USB充电线 \*2
- ✧说明书 \*1
- ✧RJ45转接线 \*2
- ✧RS232转接线(公接头)\*2

2

**二、产品参数**

|          |                                                                  |
|----------|------------------------------------------------------------------|
| 蓝牙名称     | RS232/RJ45                                                       |
| BLE UUID | SERVICE UUID: FFE0<br>NOTIFY/RITE UUID: FFE1<br>WRITE UUID: FFE2 |
| 串口类型     | RS232                                                            |
| 串口默认参数   | 9600bps/8/n/1<br>波特率/数据位/无校验/停止位                                 |
| 供电方式     | DC5-36V                                                          |
| 接口类型     | RJ45/RS232接口                                                     |

**三、接口及功能说明**

**CP26产品示意图:**

- TX:数据发送指示灯(红色)
- RX:数据接收指示灯(绿色)
- WORK:工作状态灯(蓝色)
- ⚡:充电指示灯(红色)

3

5. KEY:断开、开关机和波特率切换按键

6. USB:USB供电口、USB充电口

7. ANT:外置天线接口

8. RJ45 & RS232: RJ45接口、RJ45转RS232通信口



4

**CP26 KEY按键:**

①KEY按键功能:

蓝牙已连接状态:短按一次,断开蓝牙连接;  
蓝牙未连接状态:连续短按两次,切换波特率。

②开关机功能:

开机:长按一秒开机;  
关机:长按三秒关机。

③波特率切换功能:

连续短按两次 KEY 脚,切换一次波特率, **蓝灯**闪烁次数代表波特率编号。

波特率编号表格:

| 闪烁次数 | 一    | 二    | 三    | 四     | 五     | 六     | 七      |
|------|------|------|------|-------|-------|-------|--------|
| 波特率  | 2400 | 4800 | 9600 | 19200 | 38400 | 57600 | 115200 |

\*出厂默认波特率 9600,蓝灯闪烁3次

5

**TX\RX\WORK\POWER 指示灯:**

- TX 数据指示灯:设备发送数据时闪烁。
- RX 数据指示灯:设备接收数据时闪烁。
- ⚡POWER 充电指示灯:产品充电时,红灯长亮;充满电后,红灯灭。
- WORK 工作状态指示灯:
  - ✧蓝牙未连接状态 (**蓝灯闪烁**):蓝灯闪烁次数代表波特率编号。(详情参考第5页的波特率编号表格)
  - ✧蓝牙已连接状态:蓝灯长亮

6

**CP11适配器 KEY按键:**

①KEY按键功能:

蓝牙已连接状态:短按一次,断开蓝牙连接;  
蓝牙未连接状态:连续短按两次,切换波特率。

②波特率切换功能:

连续短按两次 KEY 脚,切换一次波特率, **红灯**闪烁次数代表波特率编号;

波特率编号表格:

| 闪烁次数 | 一    | 二    | 三    | 四     | 五     | 六     | 七      |
|------|------|------|------|-------|-------|-------|--------|
| 波特率  | 2400 | 4800 | 9600 | 19200 | 38400 | 57600 | 115200 |

7

**TX\RX\WORK 指示灯:**

- TX 数据指示灯:设备发送数据时**绿灯**闪烁。
- RX 数据指示灯:设备接收数据时**蓝灯**闪烁。

8

**CP11适配器示意图:**

- USB接口
- KEY:断开连接/切换波特率
- WORK:工作状态灯
- TX:数据发送指示灯
- RX:数据接收指示灯

9

**2. 接上RS232/RJ45转接线**



10

**产品资料包包含:**

- ☑ 用户使用指南
- ☑ CH341SER drive
- ☑ UartAssist

**4. 三种传输方式**

T1套餐:手机与CP26从机(透传)

T2套餐:CP11与CP26从机(电脑款)

T3套餐:CP26主机与CP26从机(桥接款)

11



## Bluetooth to RS232/RJ45

### DX-CP26 Instruction Manual

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Email: Manager@szdx-smart.com

Youtube url: www.youtube.com/@DX-SMART

Official website: en.szdx-smart.com

## 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 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

#### • 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

#### • Accessory Dimensions

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

## 2. Product Specifications

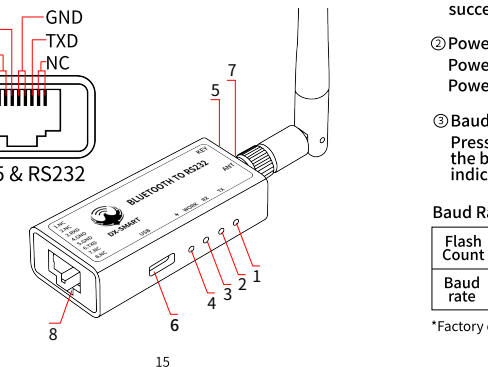
|                                |                                                                           |
|--------------------------------|---------------------------------------------------------------------------|
| Bluetooth Name                 | RS232/RJ45                                 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

## 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



## 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 on.  
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.

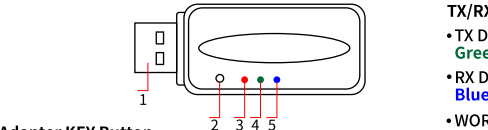
### • WORK Operational Status Indicator:

✦ Bluetooth not connected (**blue light flashing**):  
The number of flashes indicates the baud rate code. (Refer to the baud rate code table on page 16 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:

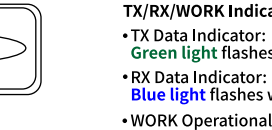
When Bluetooth is connected: Press once briefly to disconnect Bluetooth.  
When Bluetooth is disconnected: Press twice briefly in succession to toggle the baud rate.

### 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.

### Baud Rate Numbering Table:

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



## TX/RX/WORK Indicator Lights:

### • TX Data Indicator:

Flashes when the device transmits data.

### • RX Data Indicator:

Flashes when the device receives data.

### • WORK Operational Status Indicator:

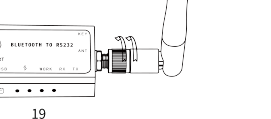
✦ Bluetooth not connected (**red light flashing**):  
The number of flashes indicates the baud rate code. (Refer to the baud rate code table on page 18 for details)

✦ Bluetooth connected status: Red light steady on

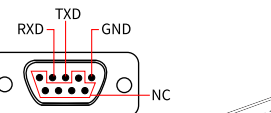
**Note: When using the CP11 adapter, the computer must download and install the CH341SER driver software. Using the UartAssist serial communication software.**

## 4. Installation and Connection

### a. Install External Antenna



## b. Connect the RS232/RJ45 Adapter Cable



## c. Connect the RS232/RJ45 Adapter Cable

### • Mobile version:

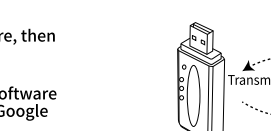
Search for 'DX-SMART' in your mobile app store, then download and install the software.

### • 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

## d. Three Modes of Transmission



## The product information pack contains:

- Read Me
- CH341SER drive
- UartAssist



## 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.