

## 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)	• CP26 Computer(T2)
↳ DX-CP26 *1	↳ DX-CP26 *1
↳ Rod Rubber Antenna *1	↳ Rod Rubber Antenna *1
↳ USB Data Cable *1	↳ USB Data Cable *1
↳ Instruction Manual *1	↳ Instruction Manual *1
↳ RJ45 Adapter Cable *1	↳ RJ45 Adapter Cable *1
↳ RS232 Adapter Cable (Male Connector) *1	↳ RS232 Adapter Cable (Male Connector) *1
• CP26 Device Model(T3)	• CP11 Adapter *1
↳ DX-CP26 *2	• Accessory Dimensions
↳ Rod Rubber Antenna *2	↳ CP26: 60*27.8*16.4mm
↳ USB Data Cable *2	↳ CP11: 67*25*10mm
↳ Instruction Manual *1	↳ Antenna: 108mm
↳ RJ45 Adapter Cable *2	
↳ RS232 Adapter Cable (Male Connector) *2	

#### 2. Product Specifications

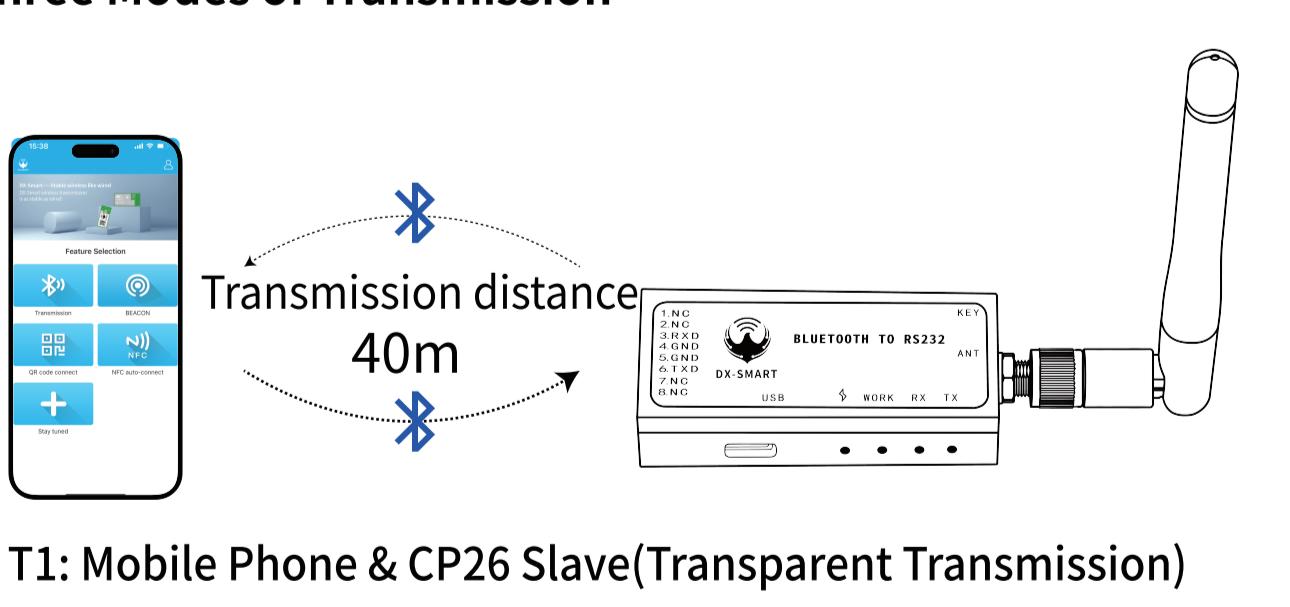
Bluetooth Name	RS232/RJ45
BLE UUID	SERVICE UUID: FFE0 NOTIFY/RITE UUID: FFE1 WRITE UUID: FFE2
Serial Port Type	RS232
Serial Port Default Parameters	9600bps/8/n/1 Baud rate/Data bits/No parity/Stop bits
Power Supply Method	DC5-36V
Interface Type	RJ45/RS232 Interface

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#### 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



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##### 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:  
Glow red continuously while charging; turns off when fully charged.

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##### • WORK Operational Status Indicator:

- ↳ Bluetooth not connected (blue light **flashing**):  
(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 KEY: Port
- ② WORK: Disconnect/Switch baud rate
- ③ TX: Data transmission indicator
- ④ RX: Data reception indicator



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##### 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

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

##### TX/RX/WORK/POWER 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**):  
(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 use the **uartAssist** serial communication software.

**Using the uartAssist serial communication software.**

#### 4. Installation and Connection

##### a. Install External Antenna



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##### b. Connect the RS232/RJ45 Adapter Cable

DB9-M Male	RXD	TXD	GND	NC	NC	NC	NC



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##### c. Connect the RS232/RJ45 Adapter Cable

DB9-M Male	RXD	TXD	GND	NC	NC	NC	NC



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##### d. Three Modes of Transmission

Smartphone	CP26 Slave (Transparent Transmission)	Transmission distance: 40m
PC	CP26 Slave (Computer Model)	Transmission distance: 40m



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##### 5. Important Notes

- Please strictly adhere to the equipment manufacturer's relevant standards during use.
- Please refer to the accompanying installation guide to ensure correct operation and prevent any damage to the equipment.

- 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 connection may result in the equipment failing to function properly.

- Thank you for your purchase! If you have any queries, please do not hesitate to contact us.