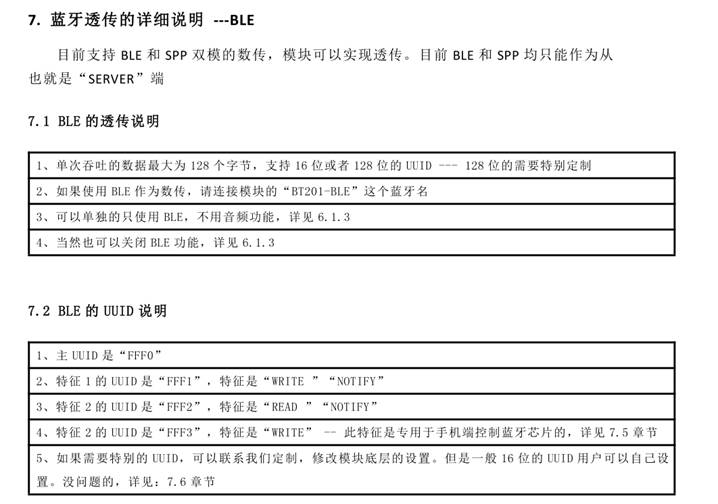
**Demonstration of Master Bluetooth Dual-mode Audio BLE and SPP for Mass Data Transmitting and Transmitting**

**1. Description of BLE and SPP:**



Similarly, SPP has a maximum of 512 bytes, which is the data sent in a single time, and can not exceed this at most, because we allocate 512 bytes of serial memory.

Detailed demonstration videos are as follows:

Youku: https://v.youku.com/v\_show/id\_XNDA4MTkxMTc3Mg=.html? Spm=a2h3j.8428770.3416059.1

Tencent: https://v.qq.com/x/page/c0843j975hl.html

**2. Explanation of BLE and SPP Serial Port Pass-through Demonstration - Combining Video**

The left picture is BLE and the right one is SPP.

**3. Notes: Time interval for each packet of data**

|  |  |
| --- | --- |
| Uart baud rate 9600 | The minimum packet interval of 20 milliseconds is set to 30 milliseconds. |
| Uart baud rate 19200 | The minimum packet interval of 16 milliseconds is set to 20 milliseconds. |
| Uart baud rate 38400 | The minimum packet interval of 10 milliseconds is set to 15 milliseconds. |
| Uart baud rate 57600 | Minimum 8 milliseconds packet interval is set to 10 milliseconds. |
| Uart baud rate 115 200 | The minimum packet interval of 6 milliseconds is set to 8 milliseconds. |
| Uart baud rate 256000 | The minimum packet interval of 4 milliseconds is set to 6 milliseconds. |

**The data of serial port is processed by frame concept and timeout mechanism.**

**Instead of sending a byte to your serial port, I send a byte to my mobile phone.**

**But I always receive it. When I don&apos;t receive the data for a period of time, I think it&apos;s over with you. I&apos;ll send it to my cell phone again.**