

User Manual of JDY-25M Multi-connected Master-slave

Mixed Connection

Instruction: Multi-connected master-slave is generally used for data communication with multiple mobile phones, while connecting multiple slaves at the same time. Please send the following instructions.

Step 1 is to configure the working mode of multi-connected slave, and send instruction:

AT+ROLE7

Step 2 is to send reset instruction to restart the module: AT+RESET

When a master is connected to a slave, the slave outputs the ID number of the master.

+CONNECTED=0

+CONNECTED=1

+DISCONNECT=1

+DISCONNECT=0

The above indicates that 0 and 1 hosts are connected to slaves.

The slave sends data instruction to master 0: AT+DATA0112233445566

The slave sends data instruction to master 0: AT+DATA1313233

Users can also send data to the master in hexadecimal format.

Users need to convert AT+DATA to hexadecimal format.

Master sends AT+INQ to search surrounding slave, and outputs the MAC, RSSI, NAME parameters of the slave searched.

+DEV:0=11891240001F,-28,JDY-24M

+DEV:1=118912400020,-46,JDY-24M

+DEV:2=118912400021,-26,JDY-24M

+DEV:3=11FA12400022,-40,JDY-67-BLE

Step 4 is connect to the slave: AT+CONA118912400020

Connected to the slave and output: +CONNECTED>>0x118912400020

Output slave ID number after connection

+CONNECTED=2

The master sends data instruction to the connected slave: AT+DATA2112233445566

After connecting in multi-connected master-slave mode, the instruction is sent by pulling down the PWRC pin.

Multi-connected slave can be used for door electronic lock, vending machine, payment toy, etc.
One module can support several users to operate at the same time.