SJT-PROG Software Programmer User Manual

1. Function

SJT-PROG software programmer is an upgrade tool for our product. It can be used for integrated controller, hall call board, COP board, car top board, car command board and etc (For detail model, please refer to our after sale service). The programmer is smart and handiness. With APP and Wechat program, it can perform remote synchronization and upgrade for the site.

2. Appearance and Port

2.1 Appearance

The appearance is shown in following photo

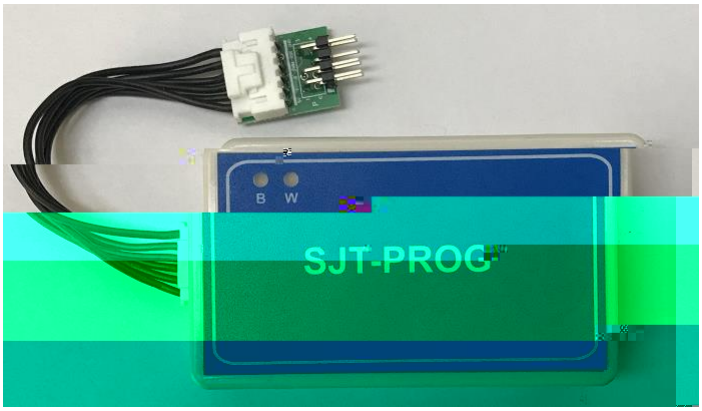


Fig 2.1 Product Photo

2.1 Port and indicator

2.1.1 Port description

The ports at two side of programmer are program port. One is Mini USB port for integrated controller. The other 2.54-6P port is for hall call board and COP board.

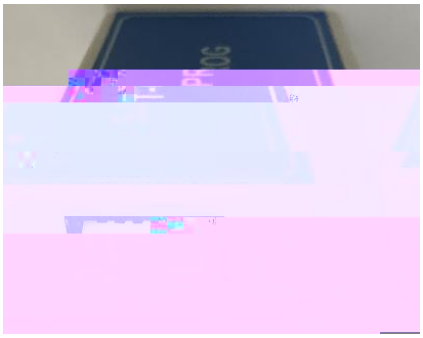
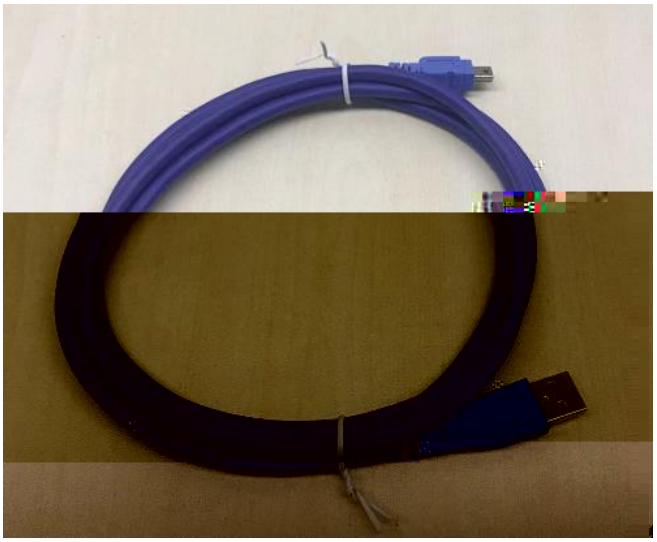


Fig 2.2 Program Port for LOP & COP

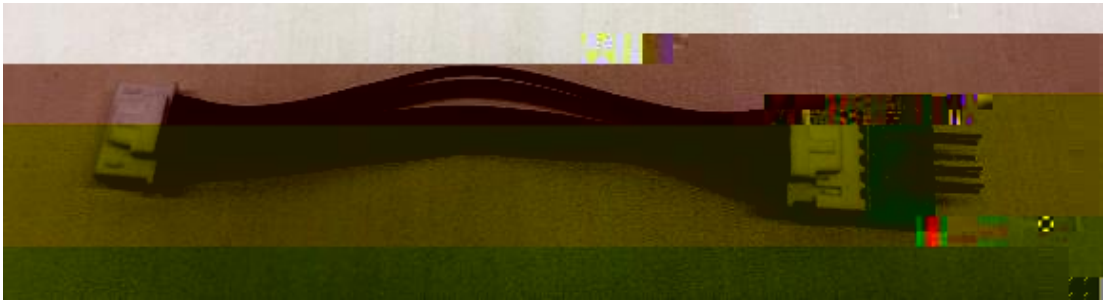


Fig 2.3 Program Port of integrated controller

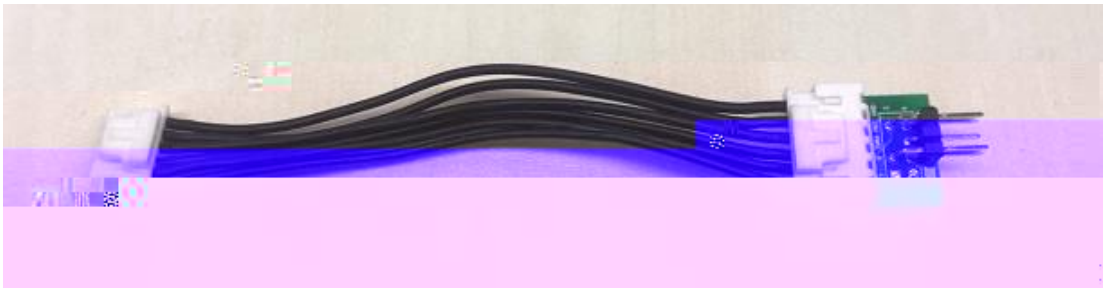
Program Cable for integrated controller



Program Cable for LOP & COP board 1 For 7 pin port product



Program Cable for LOP & COP board 2 For 5 pin port product



2.1.2 Indicator

In front of the product, there are B indicator and W indicator. Both are double color indicator (red and green). The meaning of indicator is as following:

Indicator	Status	Meaning
B LED	Red, slow flicker	Waiting for Bluetooth connection
	Red, light on	Bluetooth fail while connecting /Programming fail while downloading
	Green, light on	Bluetooth succeed while connecting /Programming succeed while downloading
	Green, flicker	Programming
W LED	Red, slow flicker	Waiting for WIFI connection
	Red, light on	WIFI connection fail
	Green, light on	WIFI

3.1.2 Programmer Connection

While using, please download software file firstly (download file into programmer).

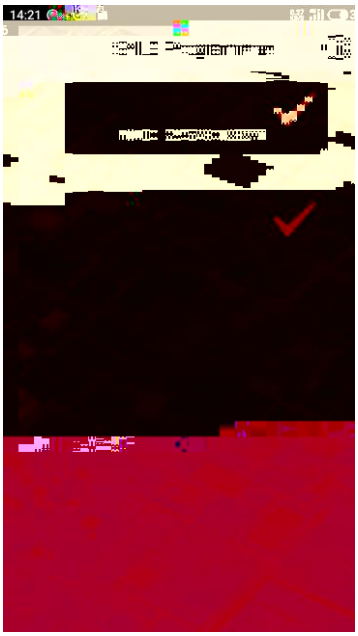
Use smart phone with authorized Program Assistant APP, set hotspot in the phone.

8

After start hotspot, open Program Assistant APP.

Keep SJT-PROG Programmer near to smart phone, power on programmer. Or connect programming port to target board, use target board to power on programmer. Or connect 5V power (such as battery) from USB port to get power.

After power on programmer, Indicator B will flicker red light. After 10 sec, B will keep red light and W will flicker red light which means programmer is searching WIFI connection. If W indicator turns to Green, it means WIFI connect successfully. Then,



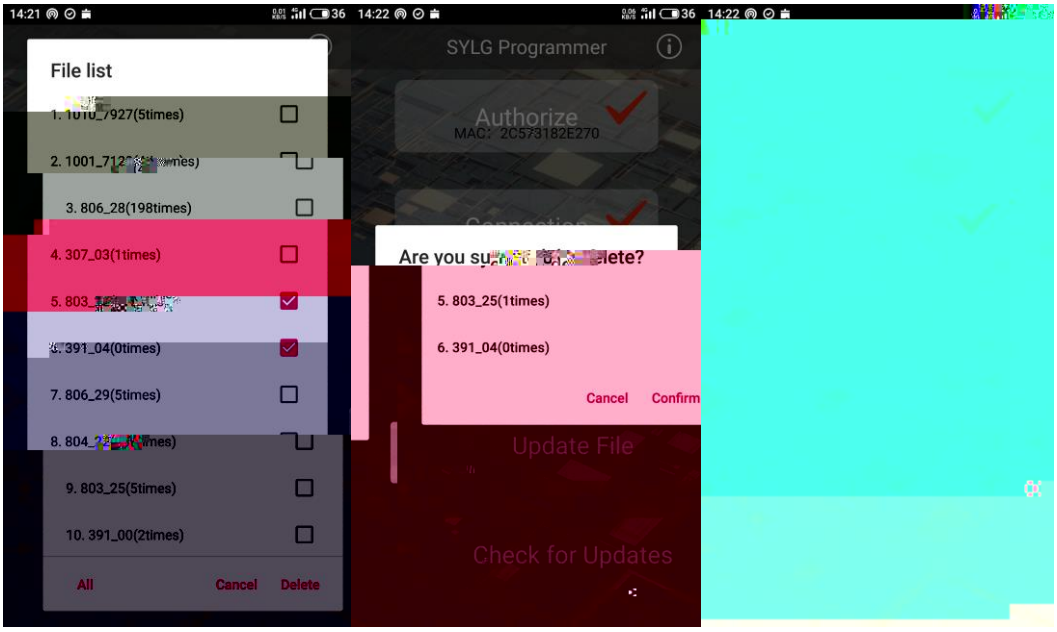


Fig 3.5 Delete File

3.1.5 File Synchronization

for file synchronization. After our staff upload successfully, residual times.

Click program file and select saving location (If selecting a location with saved file, synchronization completes.

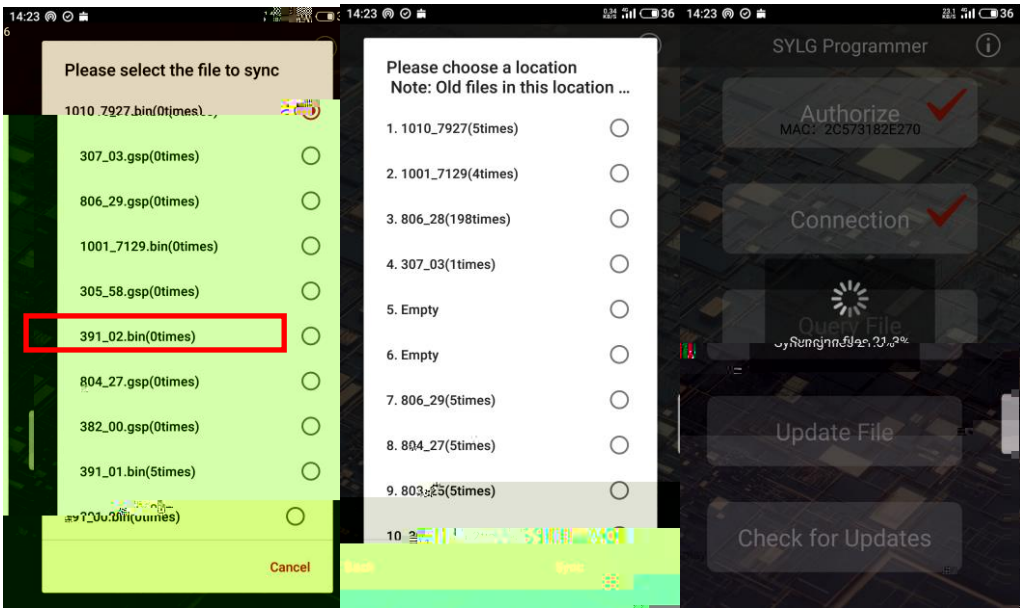


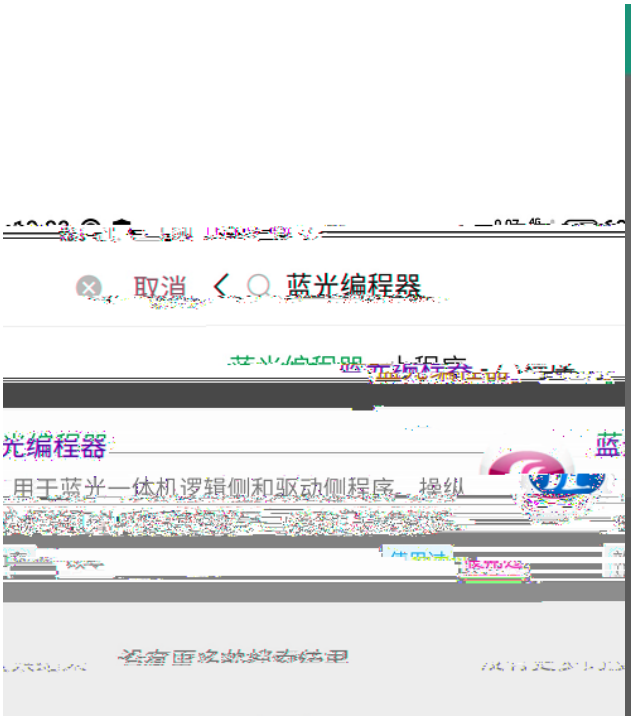
Fig 3.6 File Synchronization

3.2 Program Download

Downloader with successful synchronized program file can be used to upgrade Wechat program.

3.2.1 Wechat Program Register

Click copied information (opened) & customer name & contact & company name to our service staff for register through Wechat or other instant messaging software. After register, customer can use Wechat program.



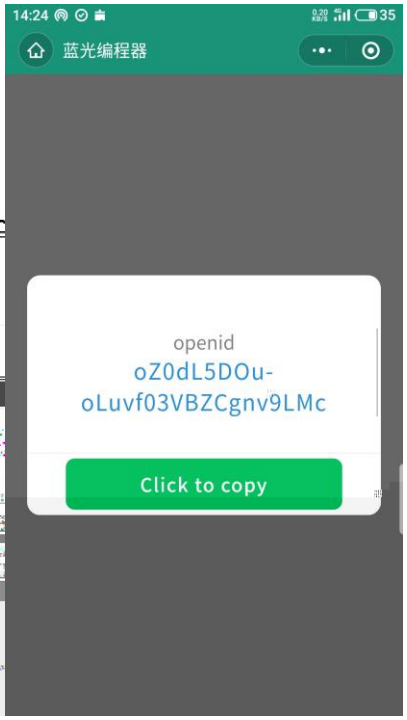


Fig 3.7 Search program **Fig 3.8 Register information**

3.2.2 Program Download

After register, connect downloader to destination board.

If destination board is integrated main board, please power off the board, short S1 and S3 jumper, then use USB cable to connect downloader to USB port of main board.

If destination board is hall call board or cop board or car top board, please use related pins of P port. Connect to P port and keep the contact between pins and board.

After hardware connection, destination board will supply power to downloader, LED B will flicker.

program before Bluetooth connection. After downloader power on, connect Bluetooth symbol to connect. If overtime, power off downloader and power on again to connect.

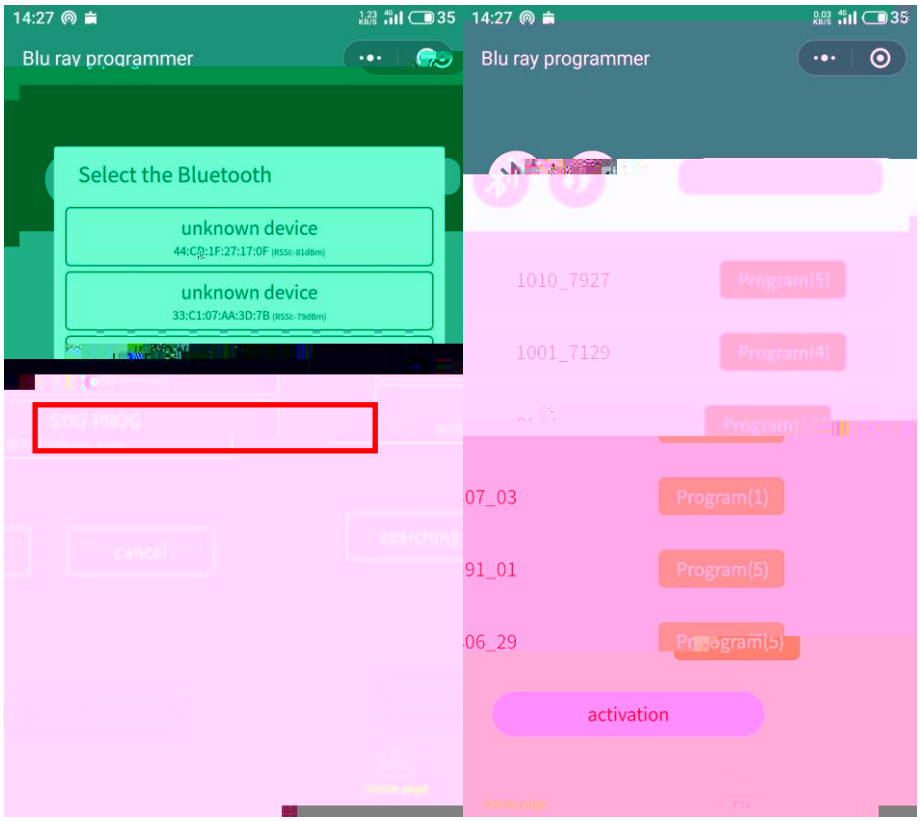


Fig 3.9 Bluetooth connection

load to perform download.

other operation at this moment until LED B turn to continuous green light and buzzer residual times will minus one. If LED B show continuous red light and buzzer sound for two times, wechat program shows , it means download fail. If wechat program shows , please apply for more program times and synchronize again.

Note

1. Backup parameters of integrated controller through operator or Bluetooth module before downloading, to avoid parameters lost.

2. Short S1 and S3 jumper before downloading integrated main board. If download logic program, turn SK-1 DIP switch to OFF. If download drive program, turn SK-1 DIP switch to ON, and power on main board again.

3. The download speed for hall call board and COP board is fast, about few seconds. The download speed for integrated main board may take several minutes.

until succeed.

4. If the main board is unde