

ict



FP-003 PLUS

PROGRAMMER

Use of Materials Limitations

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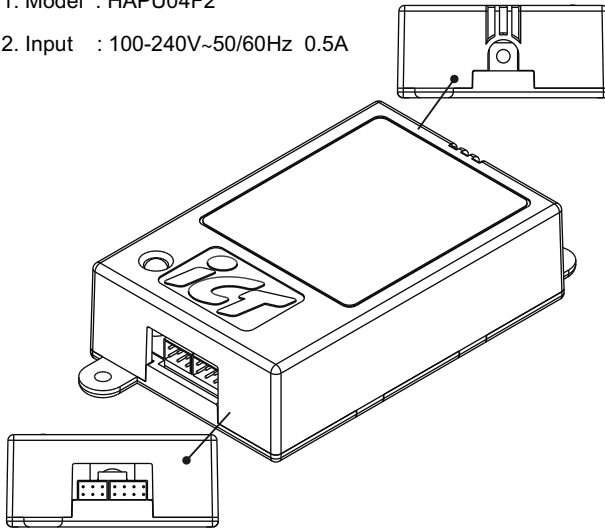
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1. General Specification :

1. Voltage : DC12V~24V ±5%
2. Current : 100mA
3. Power Consumption : 1.2W
4. Size : (Length) 105mm X (Width) 55mm X (Thickness) 24mm
5. Operating Temperature : 0°C~ 60°C
6. Storage Temperature : -20°C~70°C
7. Operating Humidity : 0% ~ 85% (RH)

Adapter Specification :

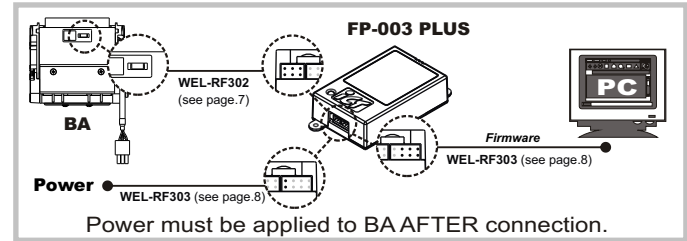
1. Model : HAPU04F2
2. Input : 100-240V~50/60Hz 0.5A



2. Indirect Downloading :

PC → BA

Step 1 : Connection



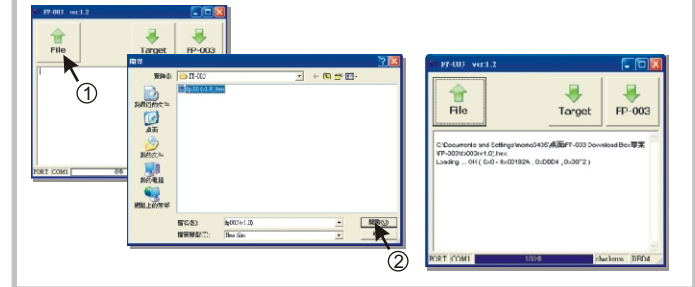
Step 2 : Download FP-003 PLUS Software

Download FP-003 PLUS Software from
<http://www.ictgroup.com.tw/> → support

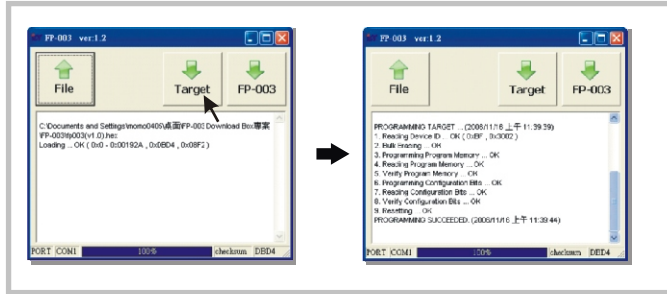
Step 3 : FP-003 PLUS setting. Port COM1 OR COM2
The com port setting varies according to the connection on PC.

Step 4 : Retrieve the firmware path.

Drag the firmware(hex file)into FP-003 PLUS window.



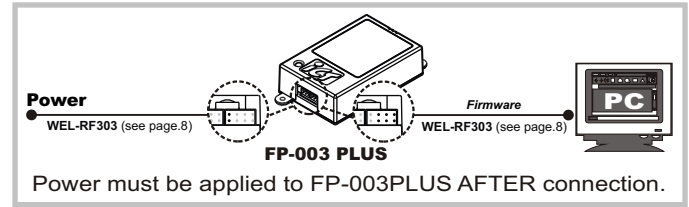
Step 5 : Download firmware to target through FP-003 PLUS.



Step 6 : Download complete. Firmware is saved in BA now.

PC ➔ FP-003 PLUS

Step 1 : Connection



Step 2 : Download FP-003 PLUS Software

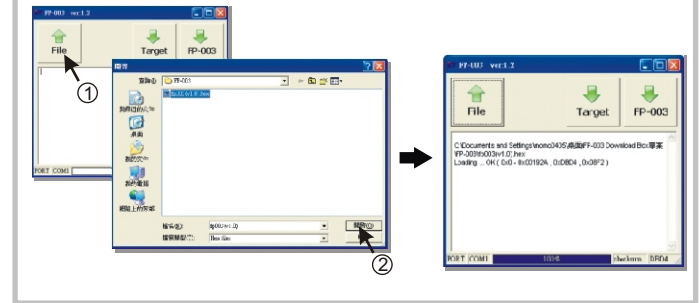
Download FP-003 PLUS Software from
<http://www.ictgroup.com.tw/> ➔ support

Step 3 : FP-003 PLUS setting. Port **COM1 OR COM2**

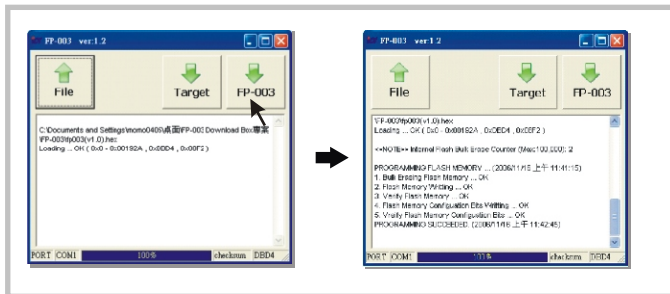
The com port setting varies according to the connection on PC.

Step 4 : Retrieve the firmware path.

Drag the firmware(hex file)into FP-003 PLUS window.



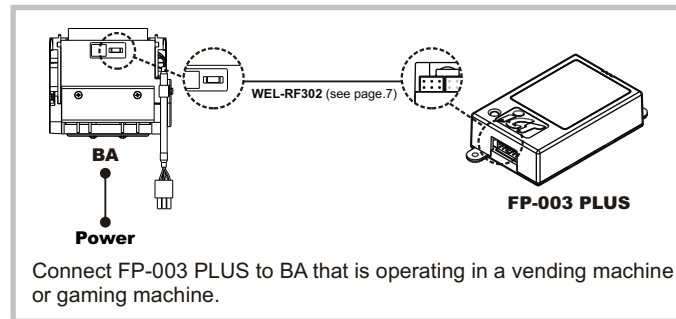
Step 5 : Start Target the firmware in FP-003 PLUS.



Step 6 : Download complete.
Firmware is saved in FP-003 PLUS now.

FP-003 PLUS → Target

Step 1 : Connection



Step 2 : Start downloading a new firmware to BA.

FP003 PLUS to Target

Step1: Press and hold the button for at least 3 seconds, and wait until the faceplate LED turns to orange.

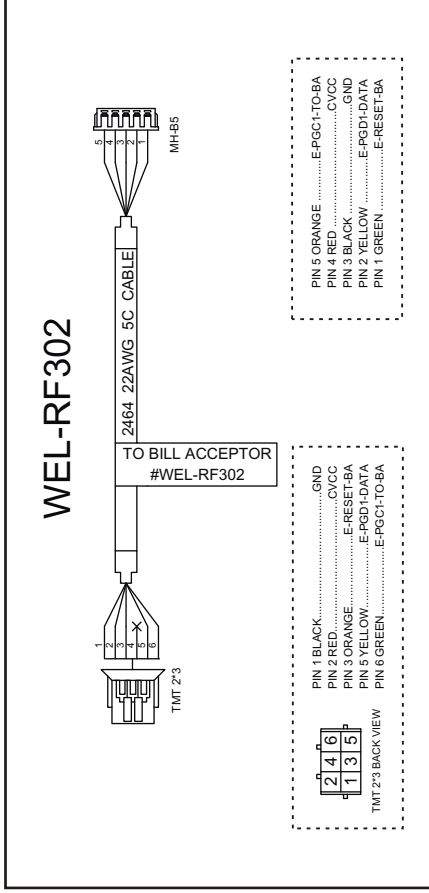
Step2: The faceplate LED will flash faster and faster as it's approaching the end of download progress.

Step3: After downloading, the faceplate LED will indicate "Green" as successful downloading or "Red" as failed downloading in 3 seconds.

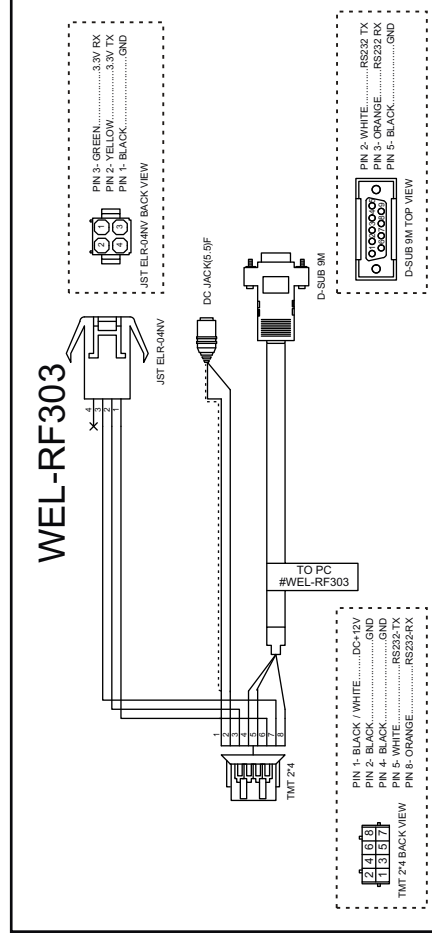
Note: As downloading the firmware to BA in this **FP-003 PLUS** mode, PC Tool shows the download progress automatically.

Step 3 : Indirect downloading complete.

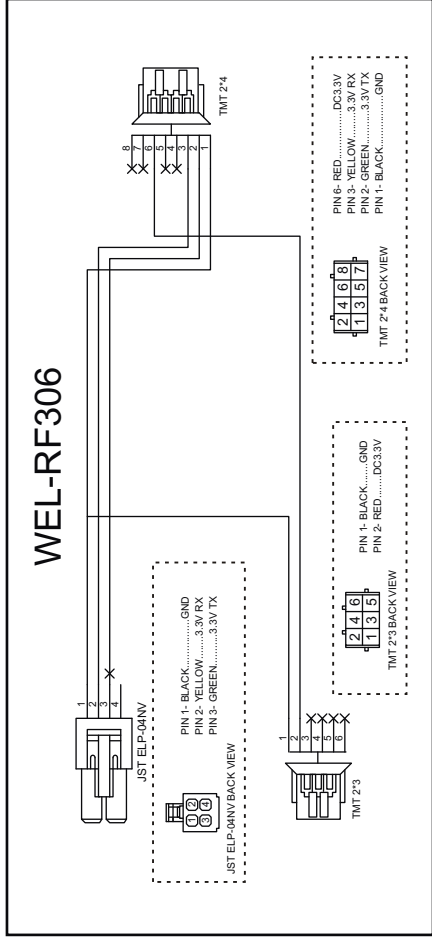
3. Cable :



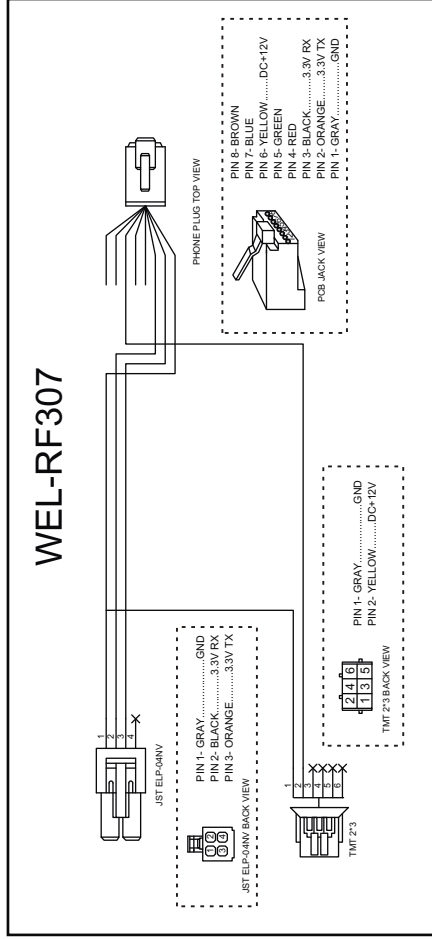
Connect FP-003 PLUS to BA.



Connect FP-003 PLUS to PC and Adapter.



Cable for tester.



Cable for FP-003 PLUS maintenance.

ict Taiwan

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