ORIGINAL MANUAL

Kaysun

# OWNER'S AND INSTALLATION MANUAL

## Prodigy Multifunction Board

KMB-01

Thank you very much for purchasing our air conditioner. Please read this owner's manual carefully before using your air conditioner. Make sure to save this manual for future reference.

# Contents

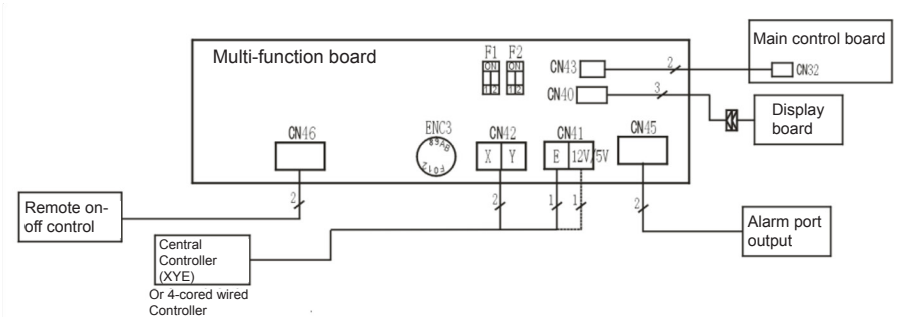
1. Diagrams and available ports of the multifunction board..... 2

2. Installation ..... 5

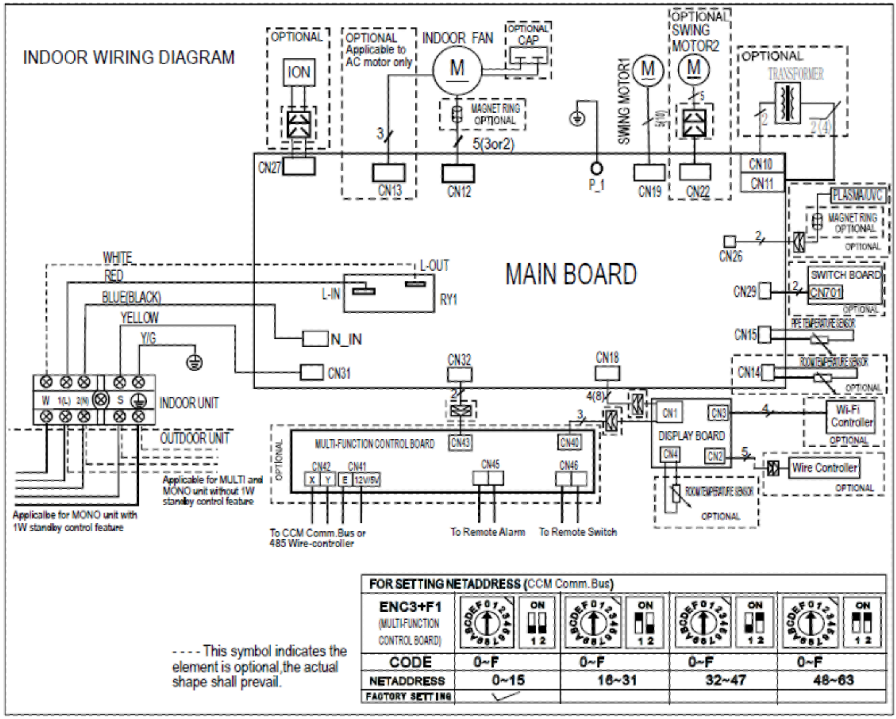
3. Additional notes ..... 12

# 1. The explanation of ports on multifunction board

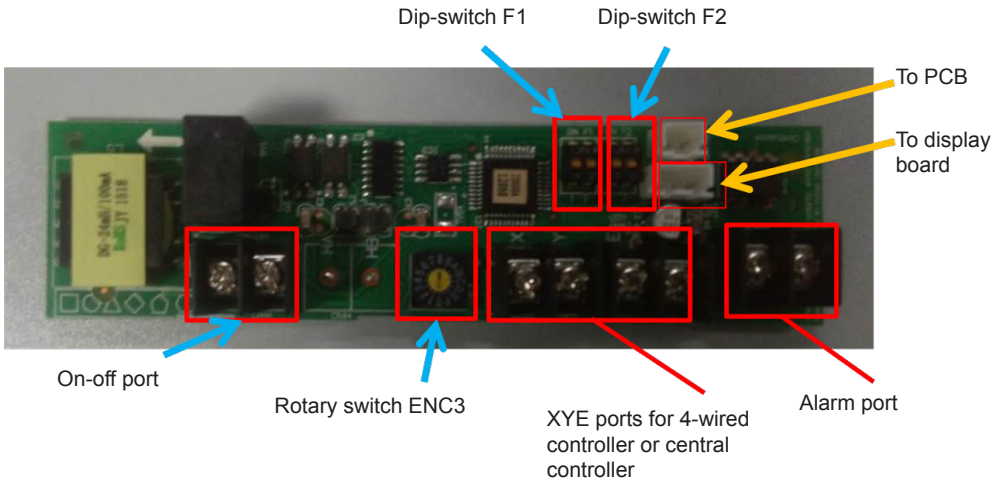
A) Multi-function board scheme




B) Connection between indoor unit and Multi-function board scheme



C) Available ports and switches




1. Rotary switch ENC3 and Dip-switch F1 is for Net address setting;
2. Dip switch F2 is for On-off setting

D) F2 port on multi function board

| Picture | Dip-switch 1 | Dip-switch 2 | ON-OFF port | Unit's Operation |
|---|---|---|---|---|
| | ON | ON | • ON-OFF port works as an ON/OFF button.<br>• By connecting the port,'OFF' signal is sent to switch off the unit. You can switch on the unit with remote controller.<br>• By disconnecting the port, 'ON' signal is send to switch on the unit. You can switch off the unit with remote controller. | Restart with auto mode,24°C |
| | ON | OFF | • ON-OFF port works as an ON/OFF button.<br>• By disconnecting the port, 'OFF' signal is sent to switch off the unit. You can switch on the unit with remote controller.<br>• By connecting the port, 'ON' signal is send to switch on the unit.. You can switch off the unit with remote controller. | Restart with auto mode,24°C |
| | OFF | OFF | • When ON-OFF port is connected, unit shows CP and can't work. And you can not control the unit with remote controller.<br>• When ON-OFF port is disconnected, unit works normally. And you can control the unit with remote controller. | Restart with previous setting |
| | OFF | ON | • When ON-OFF port is connected, unit works normally. And you can control the unit with remote controller.<br>• When ON-OFF port is disconnected, unit shows CP and can't work. And you can not control the unit with remote controller. | Restart with previous setting |

# 2. Installation

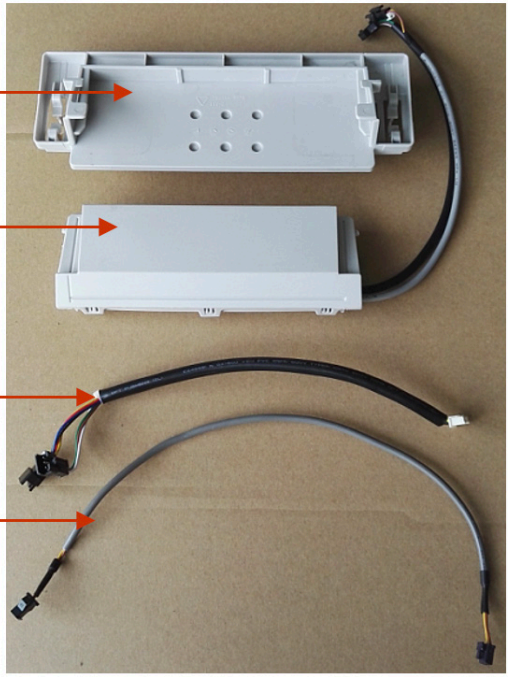
A) Necessary parts

FRIMB-BRACKET

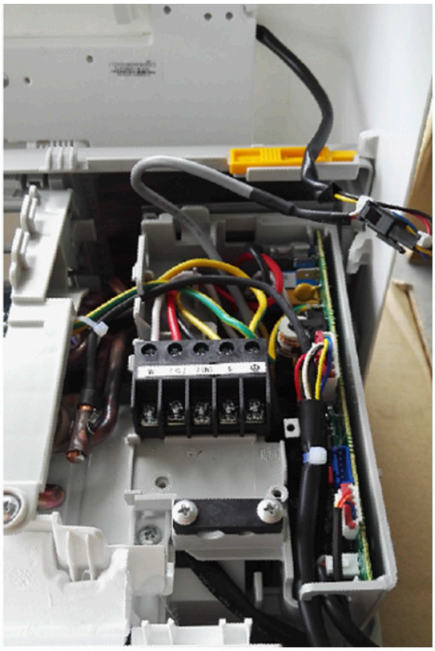
FRIMB-PCB-KAY

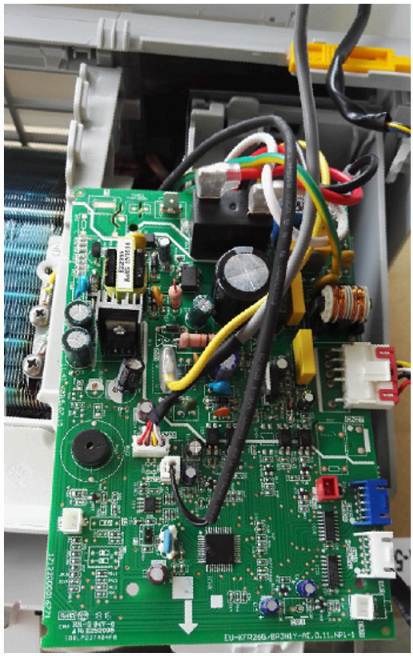
FRIMB-CABLE1

FRIMB-CABLE2

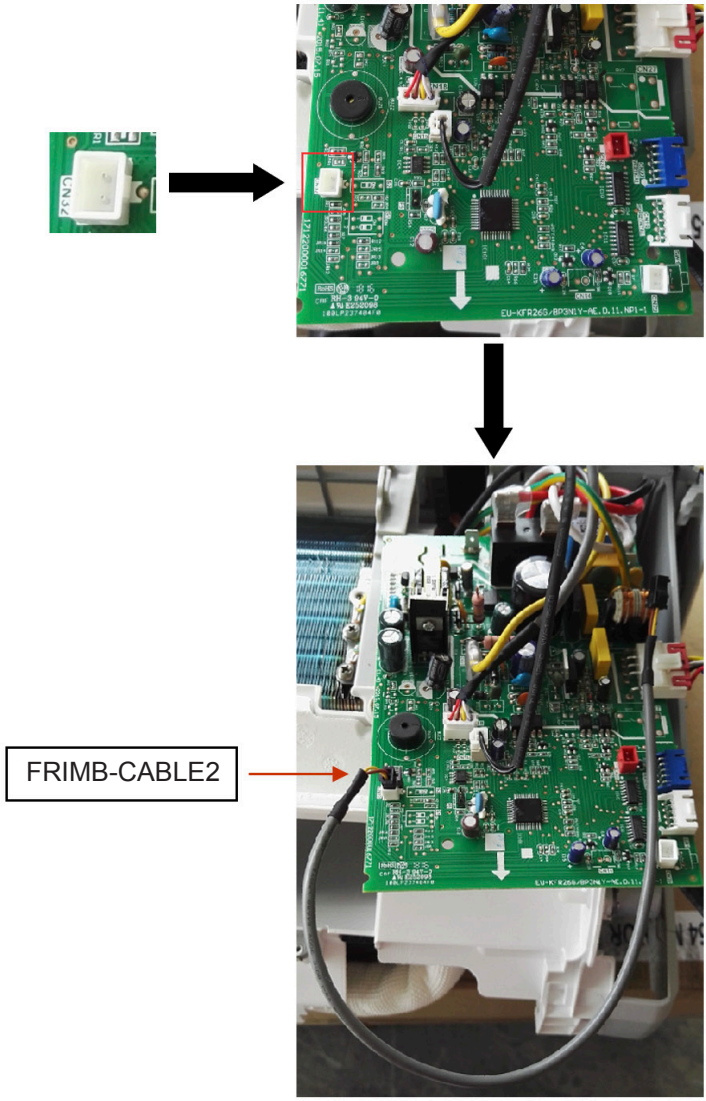


Step1: Open the Electrical box and take out the PCB

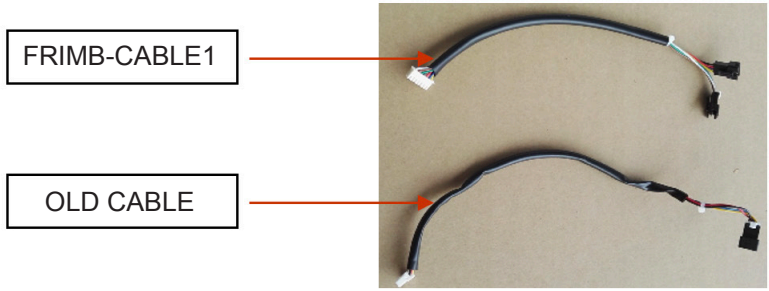


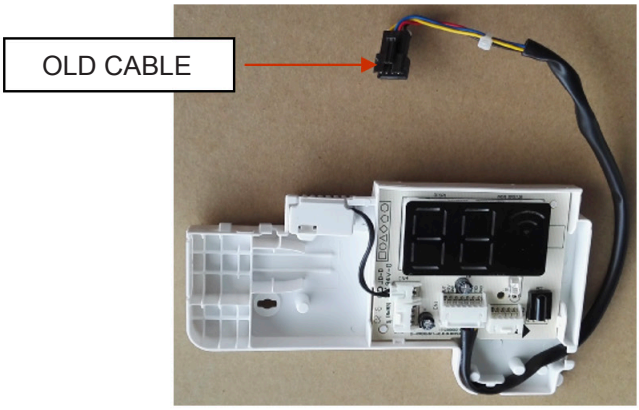


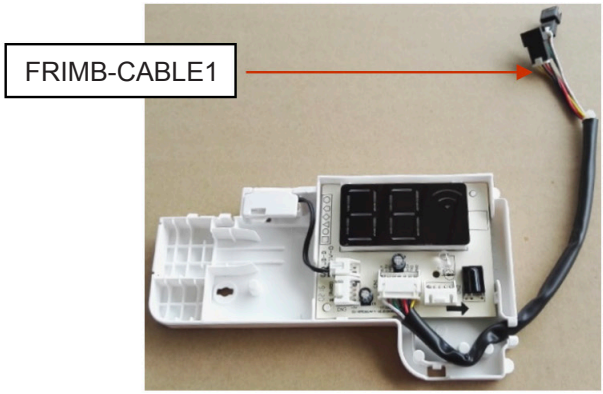
Step 2: Insert FRIMB-CABLE 2terminal into CN32 on the PCB



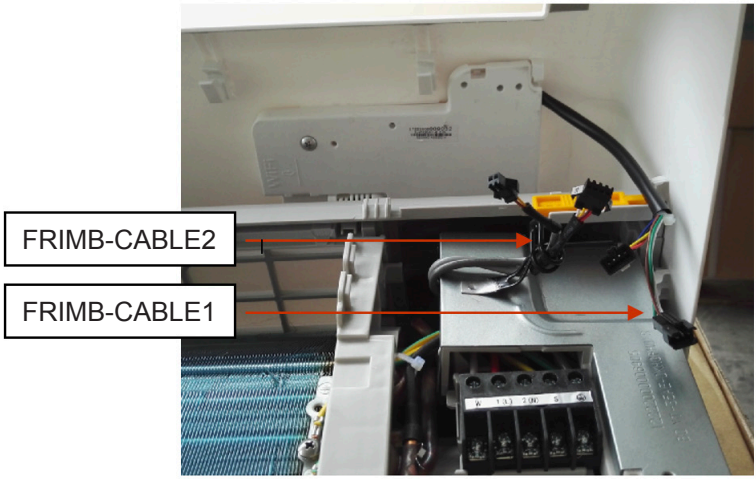
Step 3: Open the Display box and replace the old cable with FRIMB-CABLE1



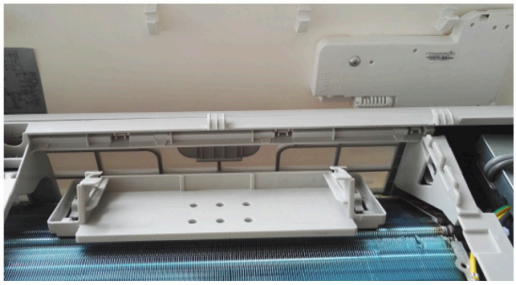



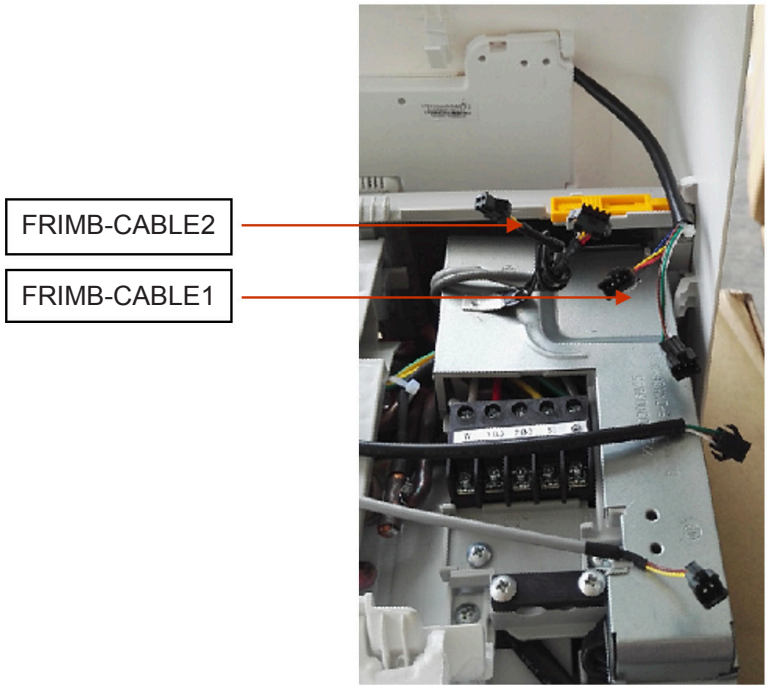
Step 4: Install the Display box assembly and Electrical box assembly:

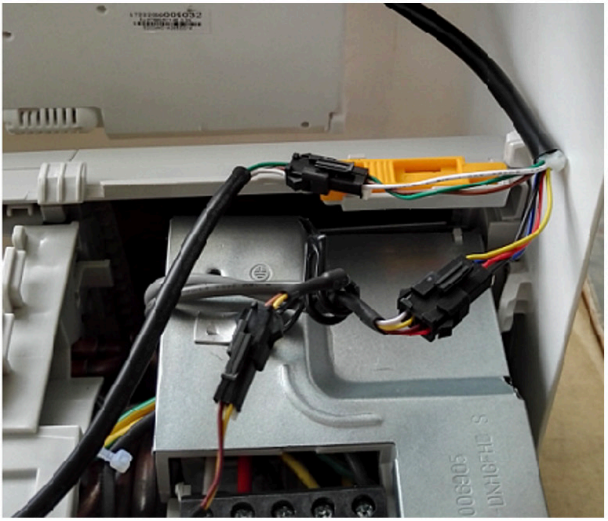



Step 5: Install the Support and Multi-function box:

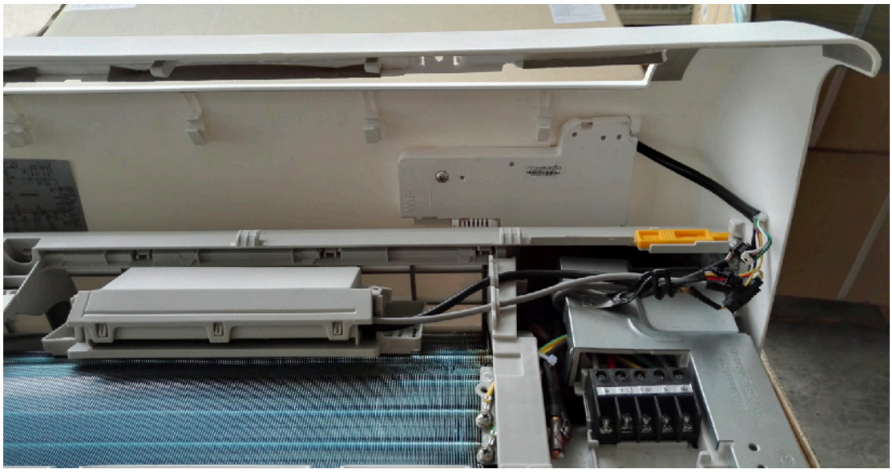


Step 6: Connect all the cables, as the point 1.B shows:



Step 7: Neaten all the cables to finish the installation.



## 2. Aditional notes

Notes:

1 - Multi function board is compatible with wifi function and basic 4-wired controller at the same time, because wifi port and wired controller ports are connected to different sockets on the display board.

2 – Wall controller and centralized controller can not work at the same time.

3 - Wall controller compatible: KC – 03.2 SPS

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