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OWNER'S & INSTALLATION MANUAL
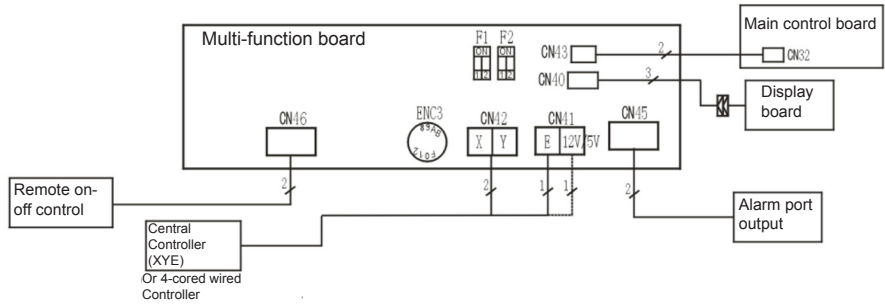
CONSOLE MULTIFUNCTION BOARD

FRIMB-FA2

Thank you very much for purchasing our product.
Before using your product, please read this manual carefully and keep it for future reference.
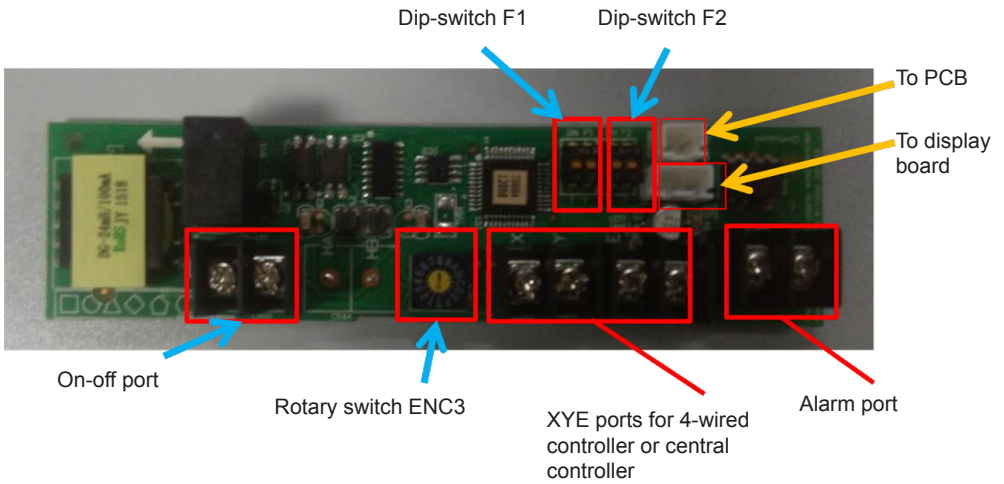
Contents

1. The explanation of ports on multifunction board

A) Multi-function board scheme

Multi-function board

Main control board

CN43
CN40
CN32

Display board

F1 F2
ON ON
1 2 1 2

CN46
ENC3
CN42 X Y
CN41 E 12V 5V
CN45

Remote on-off control

Central Controller (XYE)
Or 4-cored wired Controller

Alarm port output

B) Available ports and switches

Dip-switch F1   Dip-switch F2

To PCB

To display board

On-off port

Rotary switch ENC3

XYE ports for 4-wired controller or central controller

Alarm port

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

C) F2 port on multi function board
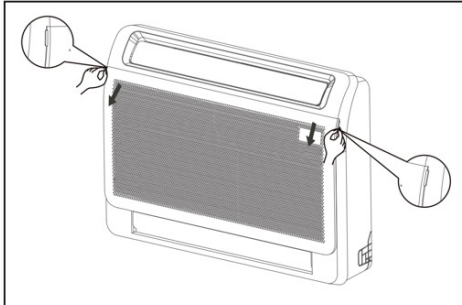
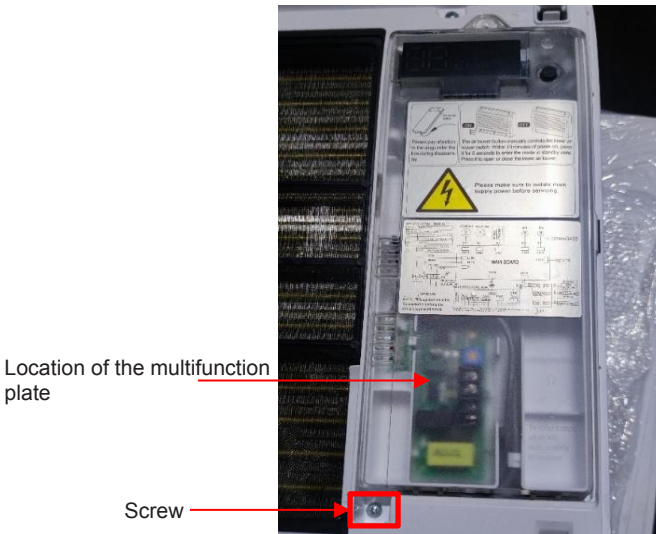| Picture	Dip-switch 1	Dip-switch 2	ON-OFF port	Unit's Operation
	ON	ON	• ON-OFF port works as an ON/OFF button. • By connecting the port,'OFF' signal is sent to switch off the unit. You can switch on the unit with remote controller. • By disconnecting the port, 'ON' signal is send to switch on the unit. 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. • By disconnecting the port, 'OFF' signal is sent to switch off the unit. You can switch on the unit with remote controller. • 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. • 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. • 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) Installation position
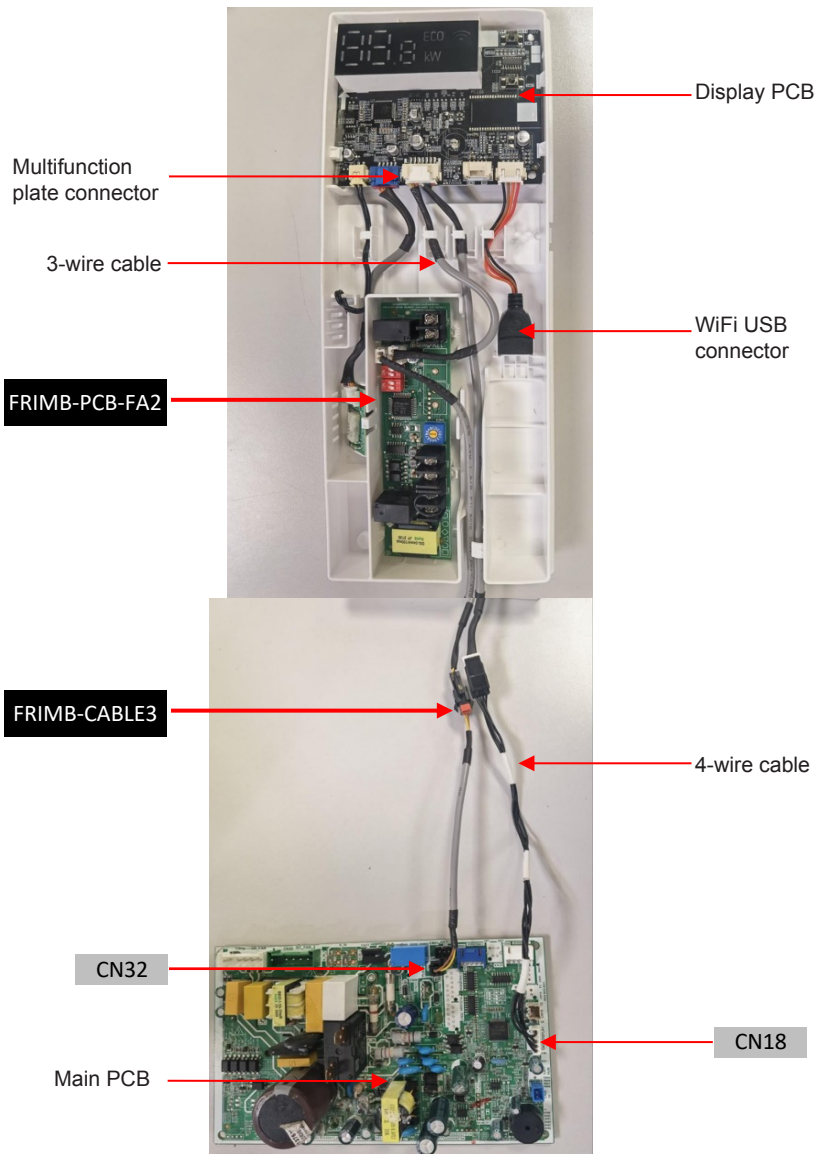
1- The multifunction plate is installed in the front, it is only necessary to lift the front panel of the machine:

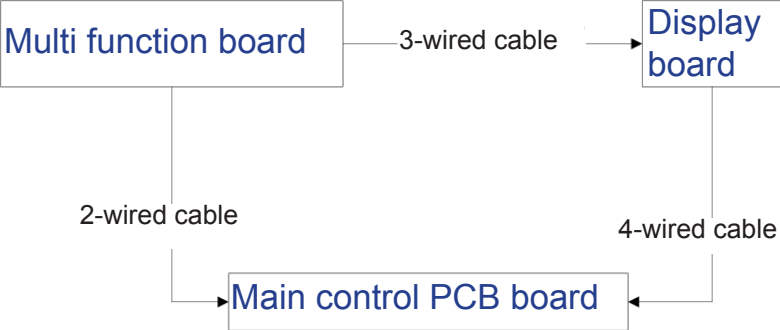2- Remove the screws and lift the protective cover from its position:

Location of the multifunction plate

Screw

B) Connection

Display PCB

Multifunction plate connector

3-wire cable

WiFi USB connector

FRIMB-PCB-FA2

FRIMB-CABLE3

4-wire cable

CN32

CN18

Main PCB

```
┌─────────────────────────┐                           ┌──────────────┐
│  Multi function board   │──── 3-wired cable ───→     │  Display     │
└─────────────────────────┘                           │  board       │
              │                                        └──────────────┘
              │                                                │
    2-wired cable                                      4-wired cable
              │                                                │
              │        ┌───────────────────────────┐          │
              └──────→ │  Main control PCB board   │ ←────────┘
                       └───────────────────────────┘
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2. Aditional notes

Note:

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.

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