

# MUCNR-H11 Series – MULTI FUNCTION BOARD

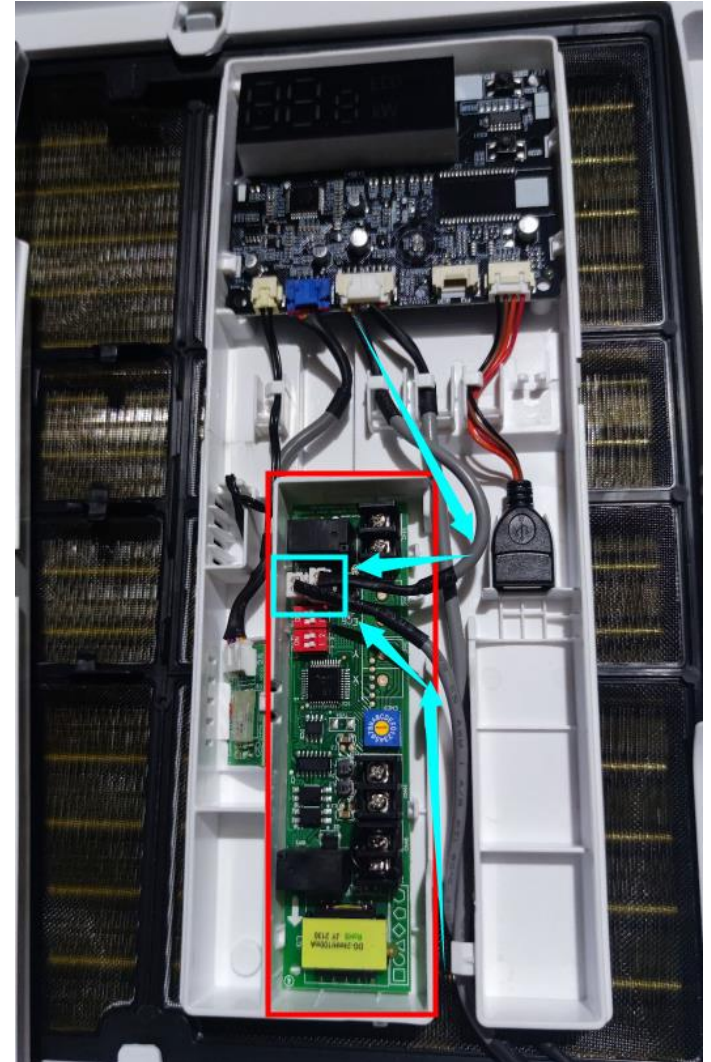
Instructions manual



**CL09403**  
**English**

# 1. Installation position

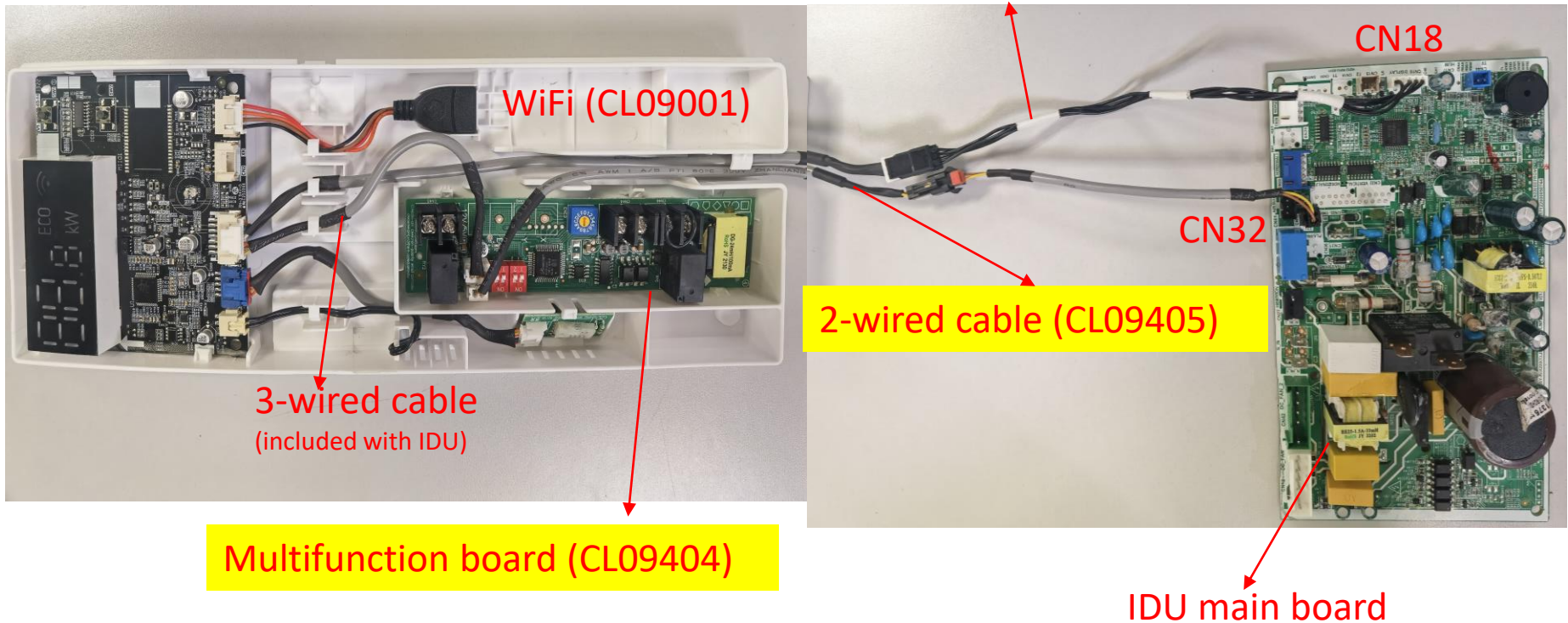
Open the panel and find the display box



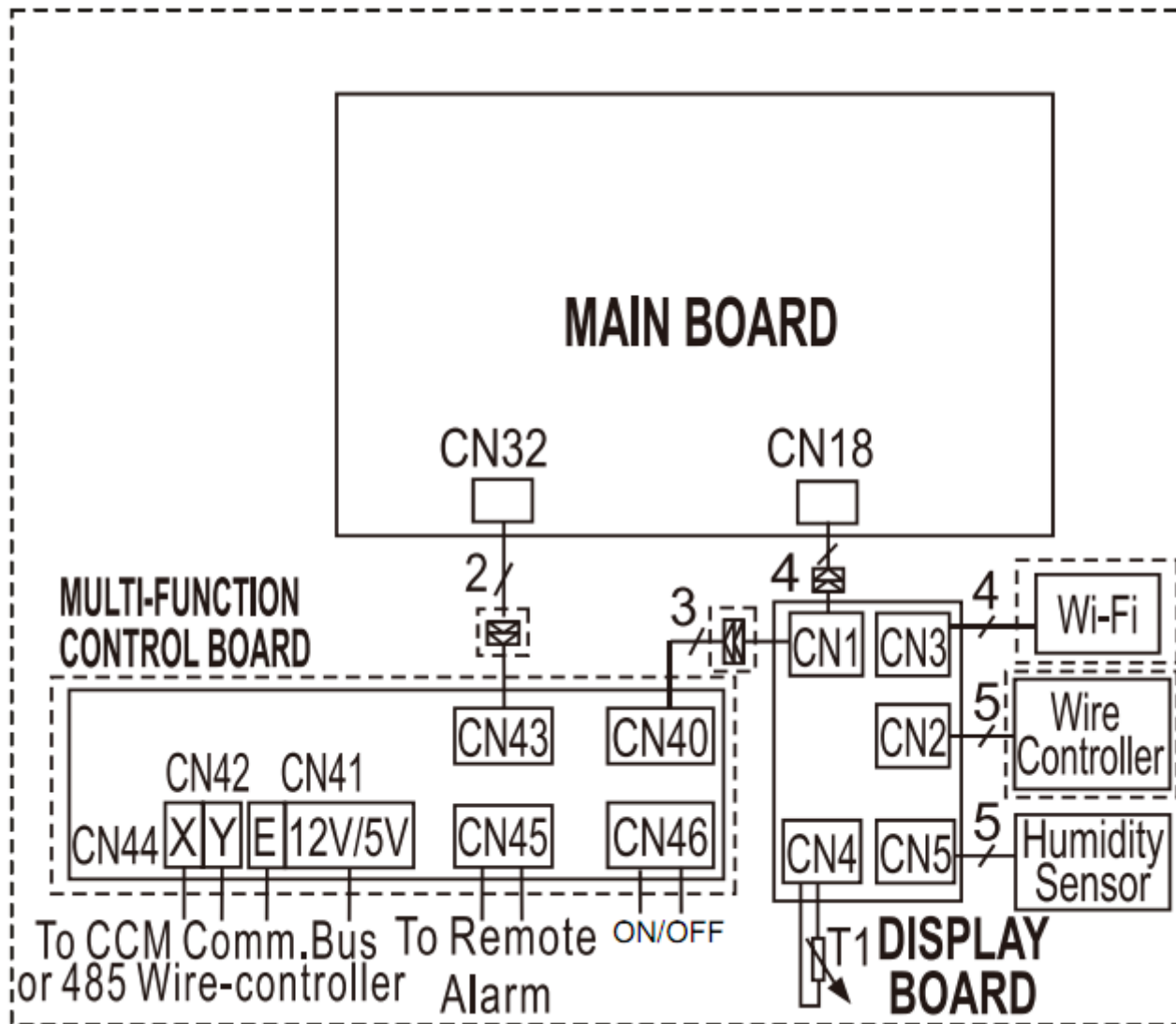
## 2. Necessary parts & Installation

One Multi Function Board Kit (CL09403) include:

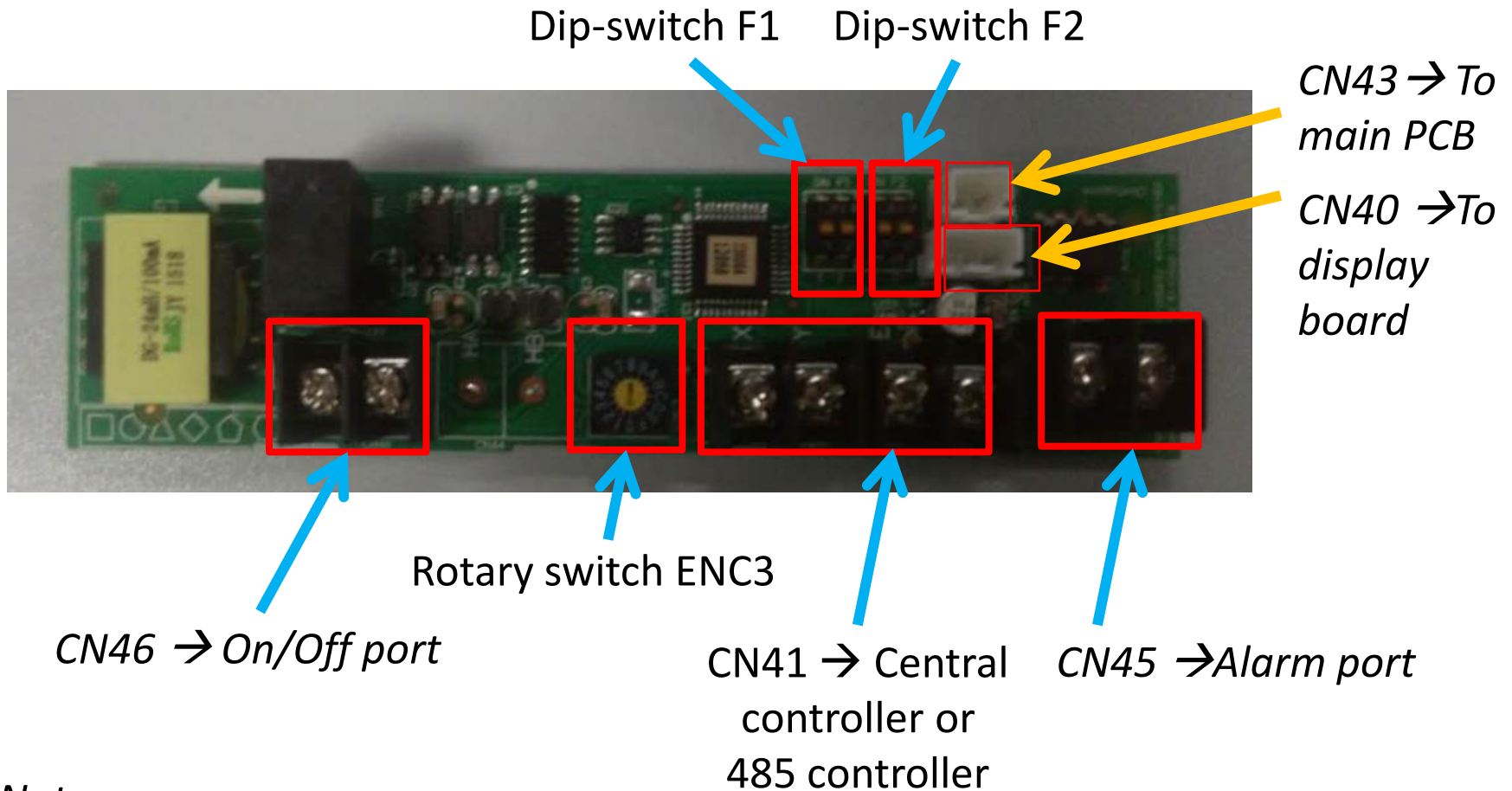
- ◆ Multi function board (CL09404)
- ◆ 2-wires cable (CL09405), connect 12V port in multi function board and the 2-wired cable in main control PCB board



### 3. Wiring diagram with the Multi Function Board







## 4. The explanation of ports on Multi Function Board



**Note:**

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

## 4.1. The explanation of F2 switch on Multi Function Board

Picture	Dip 1	Dip 2	➤ ON-OFF port
	OFF (default)	OFF (default)	<ul style="list-style-type: none"> <li>◆ When ON-OFF port is disconnected, unit shows <b>CP</b> and can't work. And you can not control the unit with remote controller.</li> <li>◆ When ON-OFF port is connected, unit works normally. And you can control the unit with remote controller.</li> </ul>
	OFF	ON	<ul style="list-style-type: none"> <li>◆ When ON-OFF port is disconnected, unit works normally. And you can control the unit with remote controller.</li> <li>◆ When ON-OFF port is connected, unit shows <b>CP</b> and can't work. And you can not control the unit with remote controller.</li> </ul>
	ON	ON	<ul style="list-style-type: none"> <li>◆ ON-OFF port works as an ON/OFF button.</li> <li>◆ By disconnecting the port, 'OFF' signal is sent to switch off the unit. You can switch on the unit with remote controller.</li> <li>◆ By connecting the port, 'ON' signal is send to switch on the unit. You can switch off the unit with remote controller.</li> </ul>
	ON	OFF	<ul style="list-style-type: none"> <li>◆ ON-OFF port works as an ON/OFF button.</li> <li>◆ By connecting the port, 'OFF' signal is sent to switch off the unit. You can switch on the unit with remote controller.</li> <li>◆ By disconnecting the port, 'ON' signal is send to switch on the unit. You can switch off the unit with remote controller.</li> </ul>

**Note:**

1. It needs 3 seconds to determine ON/OFF status.
2. CP command will be delivered one time immediately after power on
3. ON/OFF command do not be delivered after power on, only when the status changed, it can send the command. It will send switch-ON signal: the unit will run in Auto mode, Auto fan speed, 24°C setting temp.

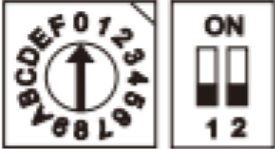
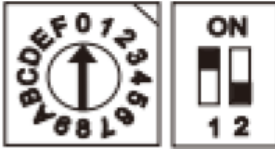
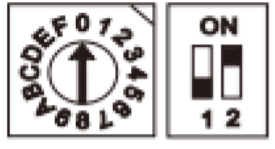
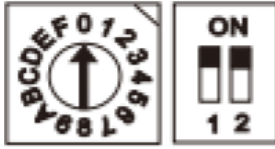
**4.2. The explanation of Alarm port on Multi Function Board**

Unit state	Alarm port output (CN45)
OFF	Closed
ON	Open
Error	Closed



### 4.3. The explanation of ENC3 + F1 switch on Multi Function Board

For setting net address (CCM communication BUS)

ENC3+F1				
CODE	0 to F	0 to F	0 to F	0 to F
Net Address	0 to 15	16 to 31	32 to 47	48 to 63

#### Note:

1. If it receives the network address set by remote controller, the network address will be changed. If it receives the cancel signal of network address set by remote controller, the network address will be disposed according to the setting of Dip-switch and Rotary switch.
2. The network address is useless for 4-cored wired controller (485 controller), only is valid for Central controller (CCM).



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