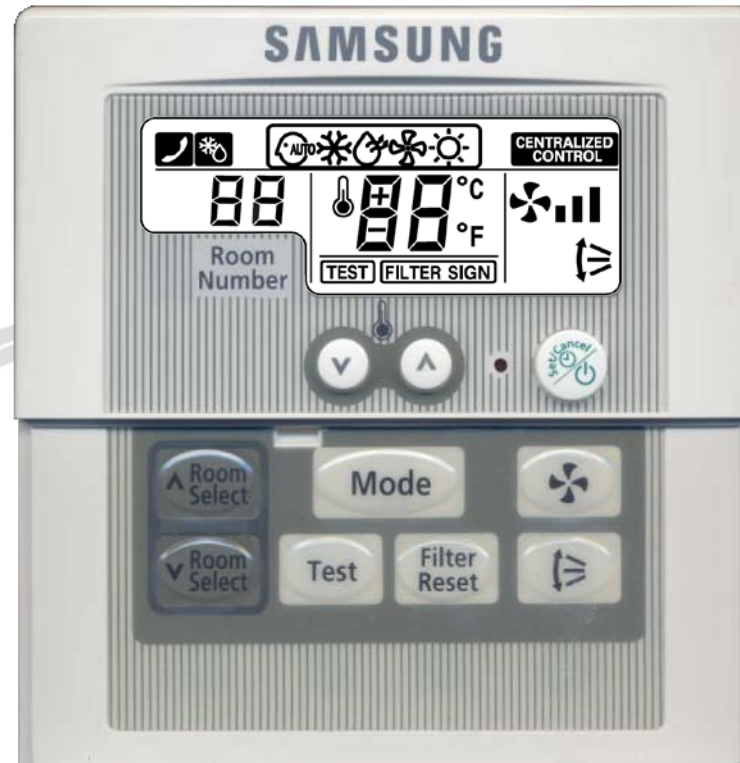
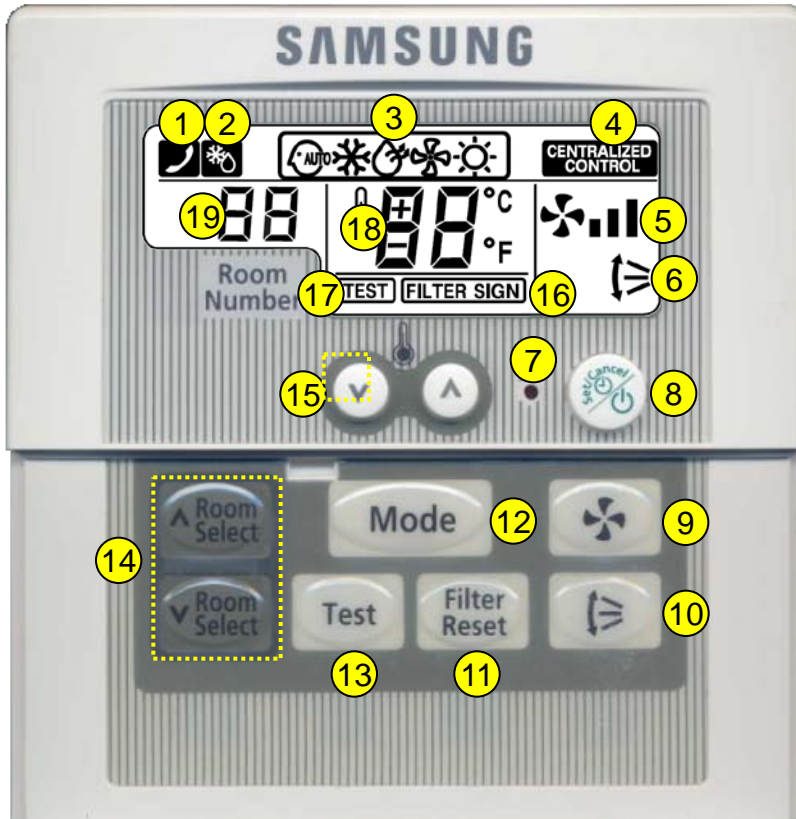


Function controller



MCM-A100

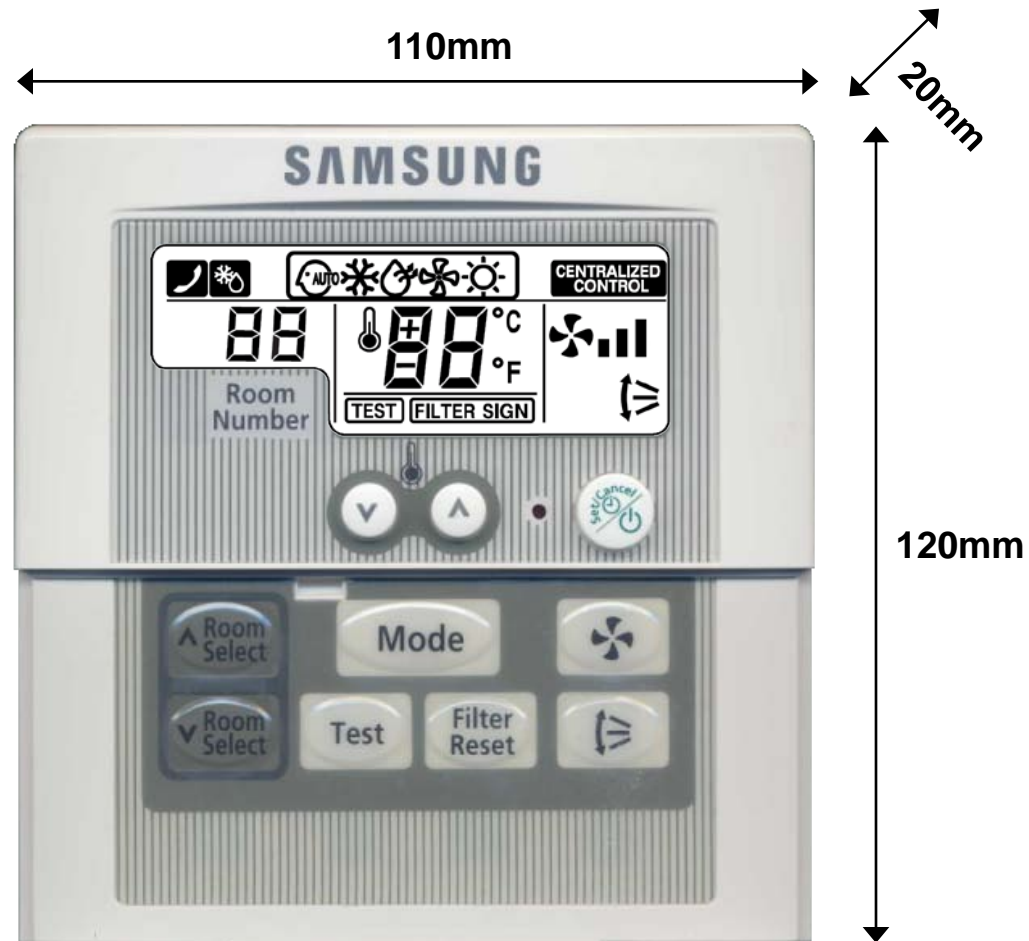
- MCM-A100



No	Name	Description
1	Error indicator	It is displayed when errors occurred in indoor/outdoor units.
2	Defrost indicator	Certain indoor unit enters Defrosting operation mode.
3	Operation mode indicator	Indoor unit operation mode. Auto, Cooling, Dry, Fan, Heating.
4	Centralized control	It indicates that certain indoor unit is not controlled by wired/wireless controllers.
5	Fan speed indicator	It indicates indoor unit fan speed.
6	Airflow direction indicator	It indicates indoor unit airflow direction.

Function controller – MCM-A100

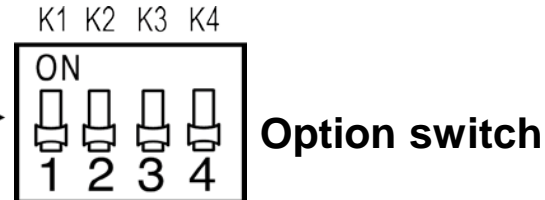
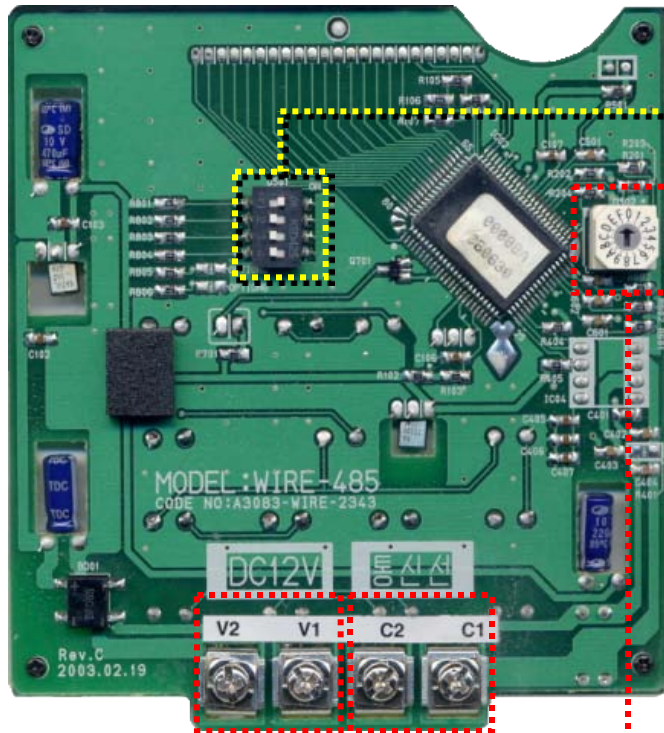
- Dimensions



- Button/Switch/LED

No	Name	Description
7	Operation LED	It indicated indoor unit operation. It also flickers during initial tracking process.
8	On/Off button	Indoor unit can be turned On/Off.
9	Fan speed button	Indoor unit fan speed can be selected.
10	Airflow direction button	Indoor unit airflow direction can be selected.
11	Filter reset button	When filter replacement indicator is ON, press the filter reset button to clear filter indication.
12	Operation mode button	Indoor unit operation mode can be selected.
13	Error check button	When error indicator is displayed, press this button to check the error code.
14	Indoor unit selection button	Press Up/Down button to select the indoor unit .
15	Temperature set button	Press this button to set temperature.
16	Filter replacement sign	This warning is displayed when filter replacement is required.
17	Test run indicator	No function
18	Set temperature display	It displays the current set temperature. When errors occur, an equivalent error code is also displayed.
19	Indoor unit RMC address	RMC address of the selected indoor unit is displayed. When an error occurred, it shows the RMC address of the indoor unit where the error occurred.

- Option & rotary switch



No	Function	
	OFF	ON
1	Cooling	Cooling/Heating
2	-	-
3	°C	°F
4	-	-

→ **Address setting switch**

→ **Communication with centralized controller**

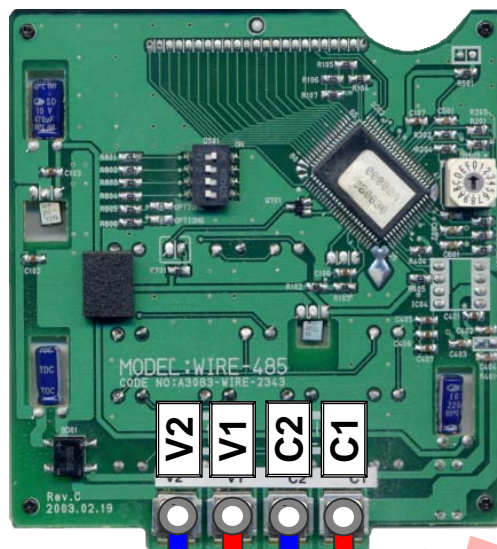
→ **Power input (12VDC, 100mA)**

Function controller – MCM-A100

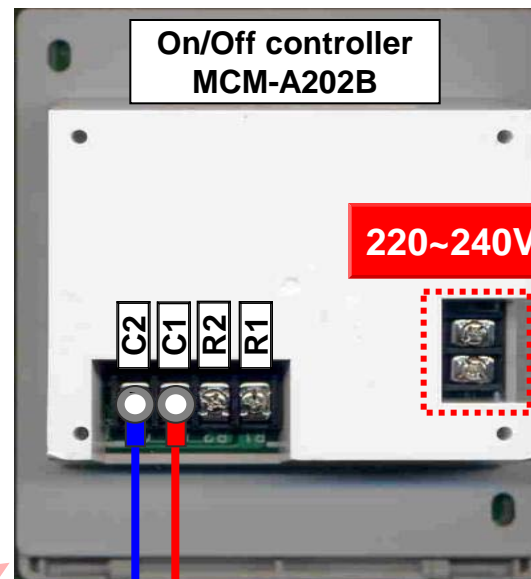
- MIM-A100



MCM-A100

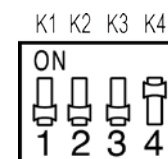
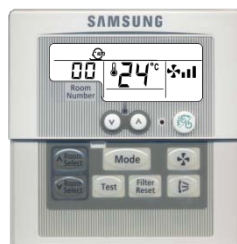


MCM-A202B



No polarity

Polarized



K4 : ON

- Display



Power ON

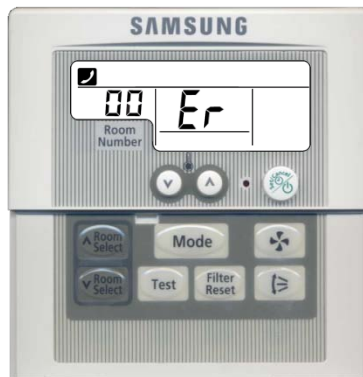


ON button press during tracking process



Error
Press Test to check the code

Ex) Communication error

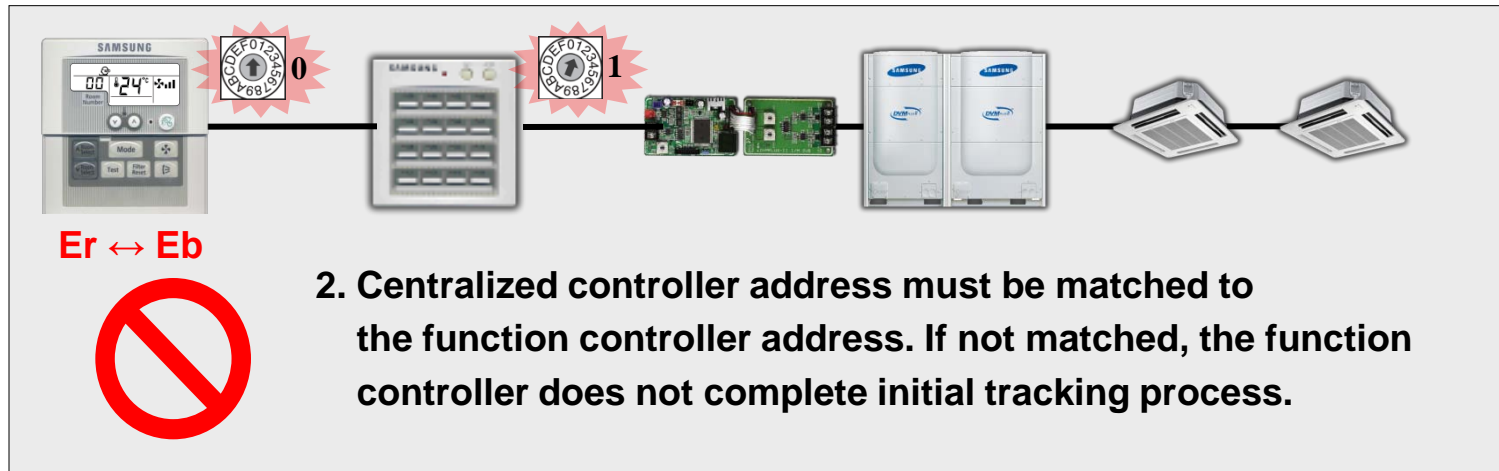
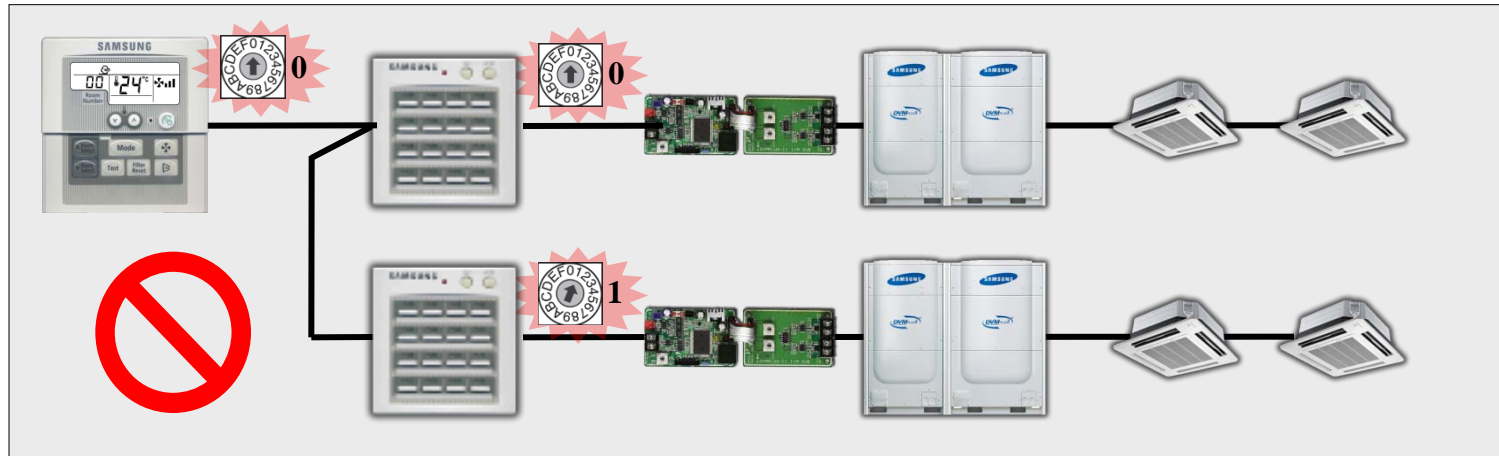


↔
Alternating display



- Caution on address setting

1. Multiple centralized controllers cannot be connected to one functional controller.



2. Centralized controller address must be matched to the function controller address. If not matched, the function controller does not complete initial tracking process.

- Error display

No	Display	Description	Note
1	Er → EA	Centralized controller ↔ Function controller communication error (no response from the centralized controller)	Communication error
2	Er → Eb	No data from indoor units to centralized controller. (Normal communication between centralized controller and function controller)	
3	Er → EC	Indoor unit communication error	
4	Er → Ax	Indoor unit evaporator IN sensor separation	x: Indoor unit RMC address
5	Er → Bx	Indoor unit evaporator OUT sensor separation	
6	Er → Cx	Indoor unit EEV Open error	
7	Er → Dx	Indoor unit EEV Close error	
8	Er → Fx	Indoor unit evaporator IN/OUT sensor separation	
9	Er → G2	Outdoor unit refrigerant leakage/activation failure	
10	Er → G3	Outdoor unit condenser sensor separation	

- Error display

No	Display	Description	Note
11	Er → ox	Indoor unit floating switch error	x: Indoor unit RMC address
12	Er → qx	Indoor unit room sensor error (Open/Short)	
13	Er → rx	Indoor unit evaporator IN sensor error (Open/Short)	
14	Er → sx	Indoor unit evaporator OUT sensor error (Open/Short)	
15	Er → tx	Indoor unit EEPROM error	
16	Er → Ux	Indoor unit EEPROM option error	
17	Er → vx	Indoor unit fan operation error	
18	Er → Eo	Outdoor unit error which causes indoor units to stop . Outdoor unit sensor error (temperature/pressure) . EEV Open/Close 6 th detection . Wrong 3-phase power connection/Phase missing . Communication error	