

SIMPLE MA CONTROLLER Operation Manual

Model name: PAC-YT51CRB



Safety Precautions

- For your safety, first be sure to read "Safety Precautions" described below thoroughly and use the remote controller correctly.
 - The precautions described here contain important safety information. Always observe them.
 - After reading this manual, keep it and the installation manual in a place where the final user can see them whenever he or she wants to.
- When the user changes, forward this manual and the installation manual to the final user.

Symbols and Terms

	WARNING	This symbol denotes what could lead to serious injury or death if you misuse the PAC-YT51CRB.
	CAUTION	This symbol denotes what could lead to a personal injury or damage to your property if you misuse the PAC-YT51CRB.

WARNING

- **Ask your dealer or technical representative to install the unit.**
Any deficiency caused by your own installation may result in an electric shock or fire.
- **Securely install in a place which can withstand the weight of the controller.**
If it is not enough, the controller may drop and cause an injury.
- **Make sure that the controller is connected to a rated power supply.**
If the controller is not connected to a rated power supply, it may cause a fire or damage to the controller.
- **Stop the operation if any malfunction occurs.**
Contact the your dealer or technical representative immediately. If the controller continues to operate after a malfunction occurs, this may cause damage, electric shock or fire. If malfunction occurs (burning smell, etc.) stop the operation and turn off the power supply.
- **Ensure that installation work is done correctly following this installation manual.**
Any deficiency caused by installation may result in an electric shock or fire.
- **To dispose of this product, consult your dealer.**
- **Never modify or repair the PAC-YT51CRB by yourself.**
Any deficiency caused by your repair may result in an electric shock or fire.
- **Stop the operation immediately and notify the your dealer if an error code is displayed or malfunction occurs.**
Fire or damage may cause if the controller is operated in this condition.

CAUTION

- **Do not install in any place exposed to flammable gas leakage.**
Flammable gases accumulated around the body of PAC-YT51CRB may cause an explosion.
- **Do not wash with water.**
Doing so may cause malfunction.
- **Do not touch any control button with your wet hands.**
Doing so may cause malfunction.
- **Do not use the controller for special applications.**
This product is designed for use with the CITY MULTI CONTROL SYSTEM and Mr. SLIM Air Conditioners. Do not use the system for other air condition management operation or applications. It may cause malfunctions.
- **Do not apply insecticide or flammable sprays to the controller.**
Do not place flammable spray near the controller and make sure it does not blow directly on the controller as this may cause in fire.
- **Do not clean the unit using benzene, thinner or other chemicals.**
It may cause discoloration or other damage. If the unit should become particularly dirty, apply a mild cleaner that has been diluted with water to a soft cloth and wipe the unit clean. Be sure to wipe away any residual moisture with a dry cloth.
- **Do not use in any special environment.**
Using in any place exposed to oil (including machine oil), steam and sulfuric gas may deteriorate the performance significantly or give damage to the component parts.
- **Do not press any control button using a sharp object.**
It may cause damage and trouble.
- **Operate the controller within the specified temperature range.**
Observe the specified temperature range when operating the controller. If the controller is used outside the specified temperature range, it may cause serious damage. Be sure to check the operation temperature range in the operation manual.
- **Do not stretch or twist the remote controller wire (transmission line).**
It may cause malfunction.
- **Do not remove the remote controller cover.**
Removing the remote controller cover and touching the internal printed circuit boards or other parts will cause trouble.

- Ⓐ **[CENTRAL] Display**
Displayed during remote operation prohibited by an optional centralized control unit, etc.
- Ⓑ **Temperature Display**
Displays the temperature set with the [TEMP.] buttons. Set temperature can be displayed in either Centigrade or Fahrenheit.
(For details, refer to the Operation Manual of the indoor unit.)

- Ⓒ **Operation Modes**
Displays the operation status.
The operation modes differ with the indoor unit.
(For details, refer to the Operation Manual of the indoor unit.)
The Ventilation symbol remains lit while the indoor unit is operating.
Cooling Heating Auto (cooling/heating)
Drying (dehumidifying) : Disabled in the heating mode Fan Ventilation

- Ⓓ **[TEMP.] Button**
Sets the room temperature.
Each time is pressed, the temperature goes up.
Each time is pressed, the temperature goes down.
The setting range differs with the indoor unit.
(For details, refer to the Operation Manual of the indoor unit.)

- Temperature setting ranges *1
Cooling/dry 19 (14) ~ 30°C / 67 (57) ~ 87°F
Heating 17 (14) ~ 28°C / 63 (57) ~ 83°F
Auto 19 (14,17) ~ 28°C / 67 (57,63) ~ 83°F
- *1 The temperature can be adjusted freely in the ranges shown above, and the higher/lower limit of the ranges can also be changed. For example, the lower limit in the cooling/dry mode can be changed from [19 °C (67 °F) → 25 °C (77 °F)] (higher than usual), and the higher limit in the heating mode can be changed from [28 °C (83 °F) → 21 °C (69 °F)] (lower than usual), which prevent excessive cooling/heating, leading to energy saving. For limit settings, refer to the Temperature Range Setting.

- Ⓔ **[CHECK] Display**
Displays the inspection refrigerant address (2 digits) or unit address (3 digits) and inspection code (2 digits, 4 digits) and unit No. when a malfunction occurs in the unit.
(For details, refer to the Operation Manual of the indoor unit.)

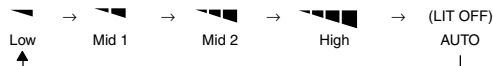
- Ⓕ **Fan Speed Display**
Displays the selected fan speed.

- Ⓖ **Power Display**
Displayed while the remote control is powered on.

- Ⓗ **[ON/OFF] Button**
Switches between run and stop. The lamp on the button stays lit during operation.

- ① **Operation Lamp**
Lights up during operation.
Flashes when a malfunction occurs.

- ② **Fan Speed Adjustment Button**
Used to select the fan speed.

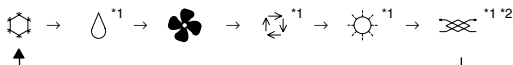


The fan speed appears as one of the four settings shown above. In addition, the indoor fan can be used to select a different fan speed. For details, refer to the Operation Manual of the indoor unit.

Note: If these buttons are pressed while trying to change the fan speed of an indoor unit which is not equipped with a fan speed adjustment setting, the fan speed display flashes and the unit's fan speed does not change.

Ⓚ Operation Mode Selection Button

This button is used to select the operation mode.



*1 Some indoor unit models don't have this function. If not, the display above will not be shown.

*2 It is only displayed when slim models are operated simultaneously with ventilation unit.

☆ Use MA or centralized remote controllers to set other functions (e.g. air flow direction) which cannot be set with this controller.

This product is designed and intended for use in residential, commercial or light-industrial environment.

The product at hand is based on the following EU regulations:

- Low Voltage Directive 73/23/EEC
- Electromagnetic Compatibility Directive 89/336/EEC

Temperature Range Setting

This function allows to set temperature adjustment range (higher/lower limit).

- 1 Press the ① [ON/OFF] button to stop the air conditioner.
- 2 Press the ④ [Fan Speed Adjustment] button for 3 seconds or longer to set the temperature range. (Ⓛ or Ⓜ will be displayed.)
- 3 Press the ① [ON/OFF] button to set the temperature range Ⓛ ~ Ⓞ in each operation mode.
 - Ⓛ No temperature range setting ⇒ Ⓜ Temperature range in the cooling/dry mode ⇒ Ⓞ Temperature range in the heating mode ⇒ Ⓟ Temperature range in the Auto mode* ⇒ Ⓛ No temperature range setting
 - * When the Auto mode skip is off, Ⓟ temperature range in the Auto mode is not displayed.

Ⓛ No temperature range setting:	Temperature range will not be available in the all modes.
Ⓜ Temperature range in the cooling/dry mode:	Temperature setting range in the cooling/dry mode will be changed.
Ⓞ Temperature range in the heating mode:	Temperature setting range in the heating mode will be changed.
Ⓟ Temperature range in the Auto mode:	Temperature setting range in the Auto mode will be changed.

- 4 To change the temperature setting range in the cooling/dry, heating, and Auto mode, perform the procedures of ⑤ and ⑥.
- 5 Press the ④ [Fan Speed Adjustment] button to switch the setting between higher limit [Hi] and lower limit [Lo].
- 6 Press the ② [TEMP. (▲)] or ③ [TEMP. (▼)] button to set the higher/lower limit.
 - Temperature can be adjusted within the Temperature setting range.
 - Pressing the ② [TEMP. (▲)] and ③ [TEMP. (▼)] buttons simultaneously allows to return to the previous temperature setting range in the cooling/dry, heating, and Auto mode.
- 7 Press the ① [Fan Speed Adjustment] button for 3 seconds or longer to complete the temperature range setting.
 - When the temperature range setting is completed, while one of the Ⓜ, Ⓞ, or Ⓟ is displayed, temperature range in the cooling/dry, heating, and Auto mode will be changed.

- When the temperature beyond the temperature setting range is set, the set temperature display flashes.

* The temperature range can be set from the centralized remote controller that has the function of temperature range setting via this Simple MA Controller connected with the indoor unit that has the function of temperature range setting.

Auto Mode Skip Setting

This function allows to enable or disable the Auto mode.

Auto mode skip setting is only available for the controllers connected with heat pump air conditioners with Auto mode.

- 1 Press the ① [ON/OFF] button to stop the air conditioner.
- 2 Press the ② [TEMP. (▲)] and ③ [TEMP. (▼)] buttons simultaneously for 3 seconds or longer to set the ④ Auto mode skip. (The current setting will be displayed.)
- 3 Auto mode can be enabled or disabled by pressing the ① [ON/OFF] button.

ON - Auto mode is enabled.
OFF - Auto mode is disabled.
- 4 Press the ② [TEMP. (▲)] and ③ [TEMP. (▼)] buttons simultaneously for 3 seconds or longer to complete Auto mode skip setting.