

# SYSCONTROL RM 52

**GB**

## SYSPLIT Type Remote controller user manual



The design and specifications are subject to change without prior notice for product improvement. Consult with the sales agency or manufacturer for details.

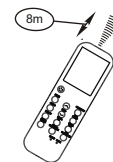
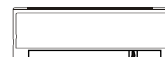


CR035-RG52  
2020550A8640

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## Handling the remote controller



### Location of the remote controller.

- Use the remote controller within a distance of 8 meters from the appliance, pointing it towards the receiver. Reception is confirmed by a beep.
- Keep the remote controller where its signals can reach the receiver of the unit. When you select the timer operation, the remote controller automatically transmits a signal to the indoor unit at the specified time. If you keep the remote controller in a position that hinders proper signal transmission, a time lag of up to 15 minutes may occur.

### CAUTIONS

- The air conditioner will not operate if curtains, doors or other materials block the signals from the remote controller to the indoor unit.
- Prevent any liquid from falling into the remote controller. Do not expose the remote controller to direct sunlight or heat.
- If the infrared signal receiver on the indoor unit is exposed to direct sunlight, the air conditioner may not function properly. Use curtains to prevent the sunlight from falling on the receiver.
- If other electrical appliances react to the remote controller, either move these appliances or consult your local dealer.

### Replacing batteries

The remote controller is powered by two dry batteries(R03/LR03X2) housed in the rear part and protected by a cover.

- (1) Remove the cover by pressing and sliding off.
- (2) Remove the old batteries and insert the new batteries,placing the(+) and (-) ends correctly.
- (3) Reattach the cover by sliding it back into position.

**NOTE:** When the batteries are removed, the remote controller erases all programming. After inserting new batteries, the remote controller must be reprogrammed.

### CAUTIONS

- Do not mix old and new batteries or batteries of different types.
- Do not leave the batteries in the remote controller if they are not going to be used for 2 or 3 months.
- Do not dispose batteries as unsorted municipal waste. Collection of such waste separately for special treatment is necessary.

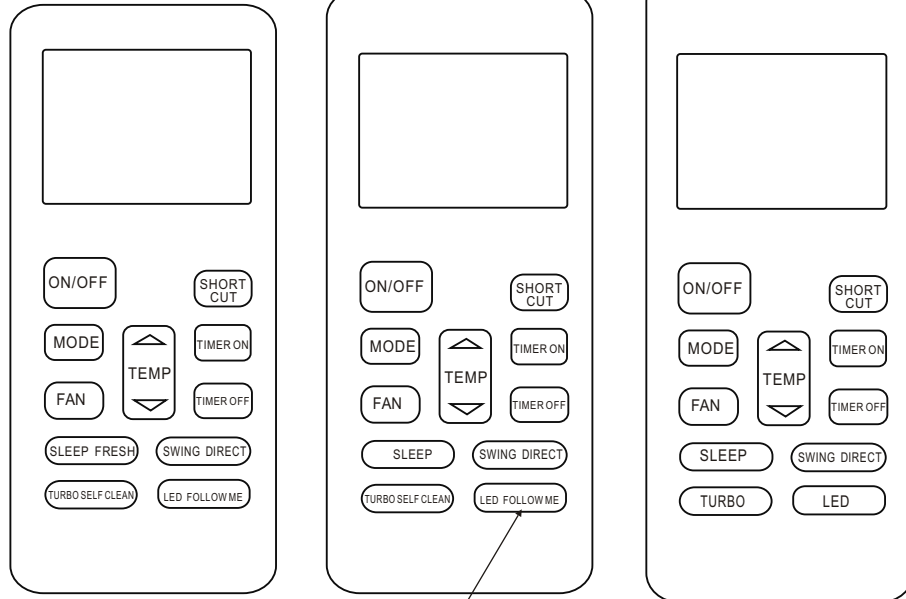
### Remote Controller Specifications

Model	RG52A/(C)EF, RG52B/(C)E, RG52C/(C)E, RG52D/(C)E, RG52A1/BG(C)EF, RG52B3/BG(C)E, RG52A/BG(C)EF, RG52B/BG(C)E, RG52B1/EF, RG52C/BG(C)E, RG52D/BG(C)E.
Rated Voltage	3.0V(Dry batteries R03/LR03×2)
Signal Receiving Range	8m
Environment	-5°C~60°C

### Performance Feature

1. Operating Mode: AUTO, COOL, DRY, HEAT(Cooling only model without), and FAN.
2. Timer Setting Function in 24 hours.
3. Indoor Setting Temperature Range : 17°C~30°C.
4. Full function of LCD (Liquid Crystal Display).

RG52A/BG(C)EF, RG52A/(C)EF    RG52A1/BG(C)EF, RG52A1/(C)EF    RG52B/BG(C)E, RG52B/(C)E  
 RG52B3/BG(C)E

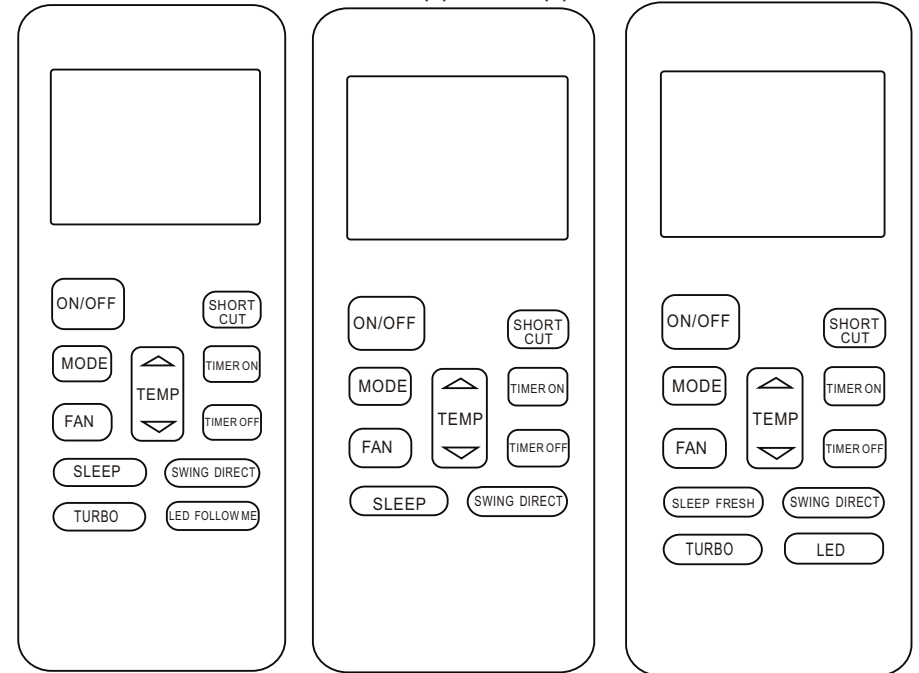


NOTE: RG52B3/BG(C)E models do not have FOLLOW ME function.

RG52B1/EF

RG52C/BG(C)E, RG52C/(C)E

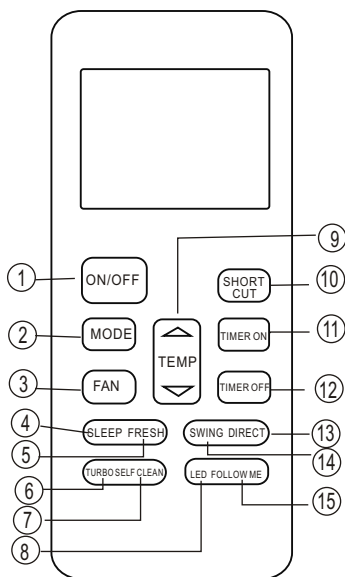
RG52D/BG(C)E, RG52D/(C)E



### NOTE:

- Buttons design might be slightly different from the actual one you purchased depending on individual models.
- All the functions described are accomplished by the indoor unit. If the indoor unit has no this feature, there is no corresponding operation happened when press the relative button on the remote controller.

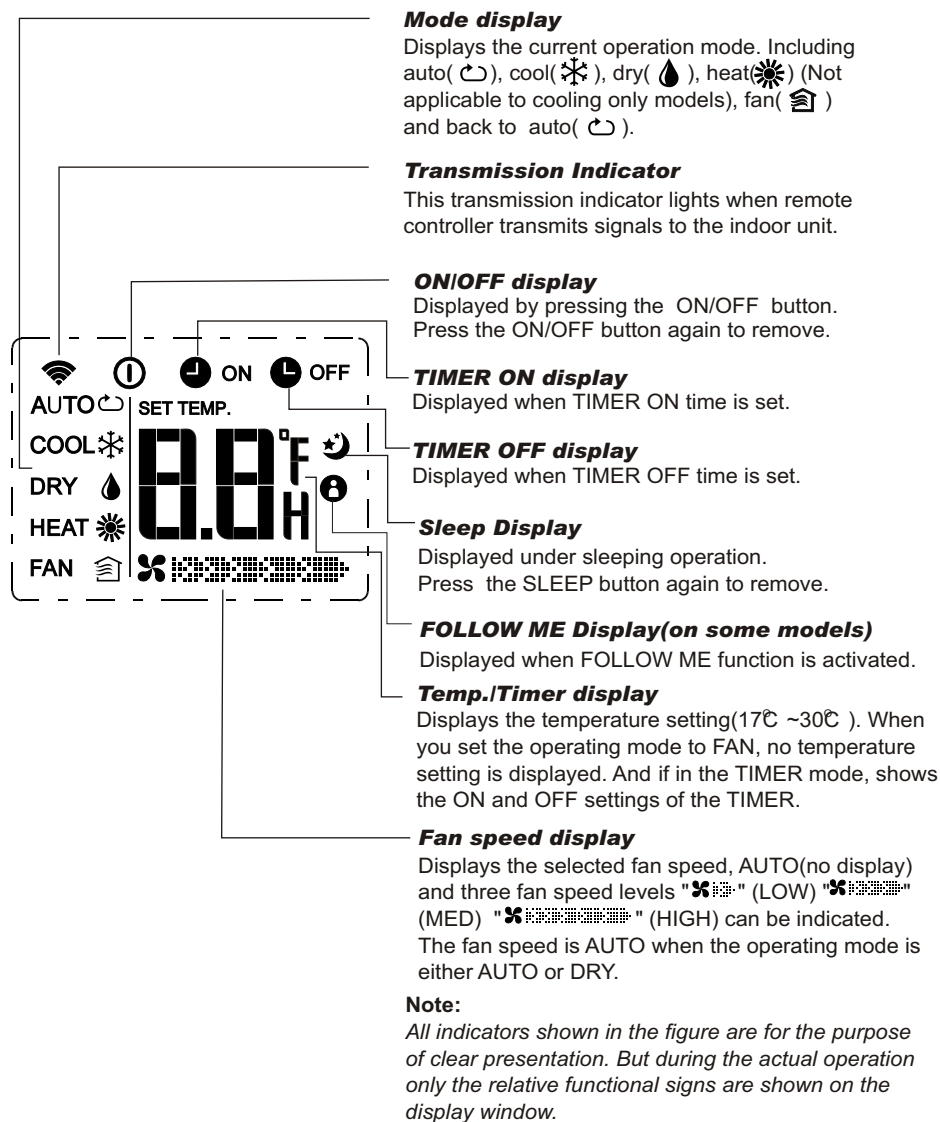
## Function buttons



- ① **ON/OFF Button**  
Operation starts when this button is pressed and stops when this button is pressed again.
- ② **MODE Button**  
Each time the button is pressed, the operation mode is selected in a sequence of following:  
→AUTO→COOL→DRY→HEAT→FAN  
**NOTE:** Heat mode is for Cooling & Heating models only.
- ③ **FAN Button**  
Used to select the fan speed in four steps:  
→ AUTO → LOW → MED → HIGH
- ④ **SLEEP Button**
  - Active/Disable sleep function. It can maintain the most comfortable temperature and save energy. This function is available on COOL, HEAT or AUTO mode only .
  - For the detail, see "sleep operation" in "USER'S MANUAL"
  - NOTE:** While the unit is running under SLEEP mode, it would be cancelled if MODE, FAN SPEED or ON/OFF button is pressed.
- ⑤ **FRESH Button**  
Active/Disable FRESH function. When the FRESH function is initiated, the Ionizer/Plasma Dust Collector(depending on models) is energized and will help to remove pollen and impurities from the air.
- ⑥ **TURBO Button**  
Active/Disable Turbo function. Turbo function enables the unit to reach the preset temperature at cooling or heating operation in the shortest time(if the indoor unit does not support this function, there is no corresponding operation happened when pressing this button.)
- ⑦ **SELF CLEAN Button**  
Active/Disable Self Clean function
- ⑧ **LED Button**  
Disable/Active indoor screen Display. When pushing the button, the indoor screen display is cleared, press it again to light the display.

- ⑨ **UP Button( ▲ )**  
Push this button to increase the indoor temperature setting in 1°C increments to 30°C.  
**DOWN Button( ▼ )**  
Push this button to decrease the indoor temperature setting in 1°C increments to 17°C.
- ⑩ **SHORTCUT Button**
  - Used to restore the current settings or resume previous settings.
  - On the first time connecting to the power, if push the SHORTCUT button, the unit will operate on AUTO mode, 26°C, and fan speed is Auto.
  - Push this button when remote controller is on, the system will automatically revert back to the previous settings including operating mode, setting temperature, fan speed level and sleep feature(if activated). And transmit the signals to the unit.
  - If pushing more than 2 seconds, the system will automatically restore the current operation settings including operating mode, setting temperature, fan speed level and sleep feature(if activated).
- ⑪ **TIMER ON Button**  
Press this button to initiate the auto-on time sequence. Each press will increase the auto-timed setting in 30 minutes increments. When the setting time displays 10.0, each press will increase the auto-timed setting 60 minutes increments. To cancel the auto-timed program, simply adjust the auto-on time to 0.0.
- ⑫ **TIMER OFF Button**  
Press this button to initiate the auto-off time sequence. Each press will increase the auto-timed setting in 30 minutes increments. When the setting time displays 10.0, each press will increase the auto-timed setting 60 minutes increments. To cancel the auto-timed program, simply adjust the auto-off time to 0.0
- ⑬ **DIRECT Button**  
Used to change the louver movement and set the desired up/down air flow direction. The louver changes 6° in angle for each press.  
**NOTE:** On some models operate swing feature instead of this feature.
- ⑭ **SWING Button**  
Used to stop or start horizontal louver auto swing feature.  
**NOTE:** On some models used to stop or start vertical louver auto swing feature.
- ⑮ **FOLLOW ME Button:** Push this button to initiate the Follow Me feature, the remote display is actual temperature at its location. The remote control will send this signal to the air conditioner every 3 minutes interval until press the Follow Me button again. The air conditioner will cancel the Follow Me feature automatically if it does not receive the signal during any 7 minutes interval.

## Indicators on LCD



## How to use the buttons

### Auto operation

Ensure the unit is plugged in and power is available. The OPERATION indicator on the display panel of the indoor unit starts flashing.

1. Press the **MODE** button to select Auto.
2. Press the **UP/DOWN** button to set the desired temperature. The temperature can be set within a range of 17°C~ 30°C in 1°C increments.
3. Press the **ON/OFF** button to start the air conditioner.

### NOTE

1. In the Auto mode, the air conditioner can logically choose the mode of Cooling, Fan, and Heating by sensing the difference between the actual ambient room temperature and the setting temperature on the remote controller.
2. In the Auto mode, you can not switch the fan speed. It has already been automatically controlled.
3. If the Auto mode is not comfortable for you , the desired mode can be selected manually.

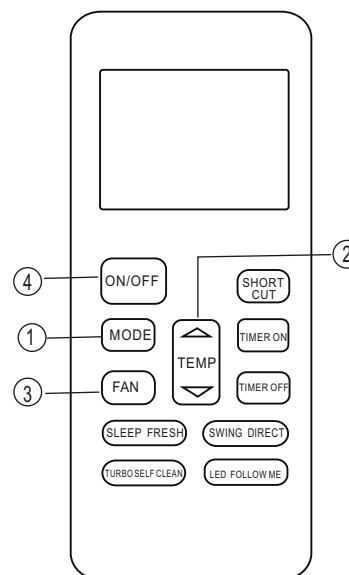
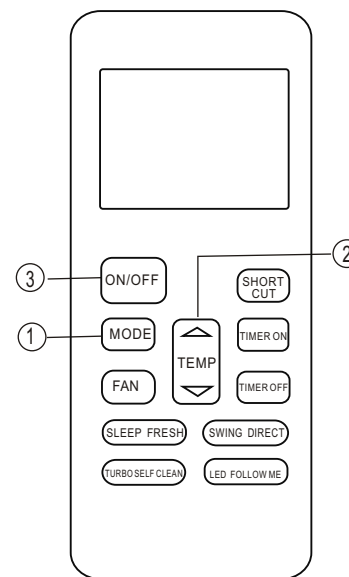
### Cooling |Heating|Fan operation

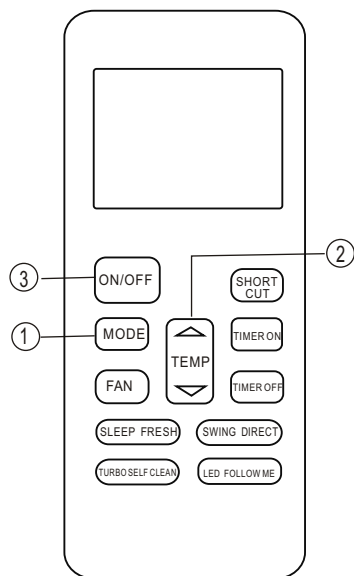
Ensure the unit is plugged in and power is available.

1. Press the **MODE** button to select COOL, HEAT(cooling & heating models only) or FAN mode.
2. Press the **UP/DOWN** buttons to set the desired temperature. The temperature can be set within a range of 17°C~ 30°C in 1°C increments.
3. Press the **FAN** button to select the fan speed in four steps- Auto, Low, Med, or High.
4. Press the **ON/OFF** button to start the air conditioner.

### NOTE

In the FAN mode, the setting temperature is not displayed in the remote controller and you are not able to control the room temperature either. In this case, only step 1, 3 and 4 may be performed.





### **Dehumidifying operation**

- Ensure the unit is plugged in and power is available. The OPERATION indicator on the display panel of the indoor unit starts flashing.
1. Press the **MODE** button to select DRY mode.
  2. Press the **UP/DOWN** buttons to set the desired temperature. The temperature can be set within a range of 17°C~ 30°C in 1°C increments.
  3. Press the **ON/OFF** button to start the air conditioner.

#### **NOTE**

*In the Dehumidifying mode, you can not switch the fan speed. It has already been automatically controlled.*

### **Adjusting air flow direction**

Use the SWING and DIRECT button to adjust the desired airflow direction.

1. When push the DIRECT button, the horizontal louver changes 6 degree in angle for each push.  
NOTE: On some models operate swing feature instead of this feature.
2. When push the SWING button, the louver will swing up and down automatically.

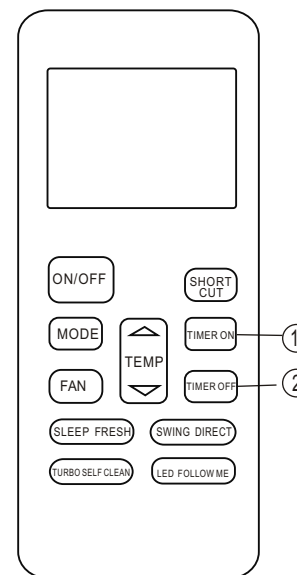
**NOTE:** When the louver swing or move to a position which would affect the cooling or heating effect of the air conditioner, it would automatically change the swing/moving direction.

### **Timer operation**

Press the TIMER ON button can set the auto-on time of the unit. Press the TIMER OFF button can set the auto-off time of the unit.

#### **To set the Auto-on time.**

1. Press the TIMER ON button. The remote controller shows TIMER ON, the last Auto-on setting time and the signal "H" will be shown on the LCD display area. Now it is ready to reset the Auto-on time to START the operation.
2. Push the TIMER ON button again to set desired Auto-on time. Each time you press the button, the time increases by half an hour between 0 and 10 hours and by one hour between 10 and 24 hours.
3. After setting the TIMER ON ,there will be a one second delay before the remote controller transmits the signal to the air conditioner. Then, after approximately another 2 seconds, the signal "h" will disappear and the set temperature will re-appear on the LCD display window.



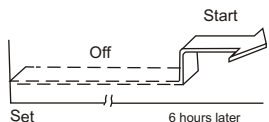
#### **To set the Auto-off time.**

1. Press the TIMER OFF button. The remote controller shows TIMER OFF, the last Auto-off setting time and the signal "H" will be shown on the LCD display area. Now it is ready to reset the Auto-off time to stop the operation.
2. Push the TIMER OFF button again to set desired Auto-off time. Each time you press the button, the time increases by half an hour between 0 and 10 hours and by one hour between 10 and 24 hours.
3. After setting the TIMER OFF ,there will be a one second delay before the remote controller transmits the signal to the air conditioner. Then, after approximately another 2 seconds, the signal "H " will disappear and the set temperature will re-appear on the LCD display window.

**CAUTION**

- When you select the timer operation, the remote controller automatically transmits the timer signal to the indoor unit for the specified time. Therefore, keep the remote controller in a location where it can transmit the signal to
- the indoor unit properly.  
The effective operation time set by the remote controller for the timer function is limited to the following settings: 0.5, 1.0, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0, 6.5, 7.0, 7.5, 8.0, 8.5, 9.0, 9.5, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23 and 24.

**Example of timer setting**



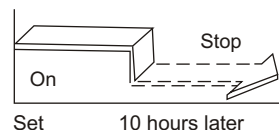
**TIMER ON (Auto-on Operation)**

The TIMER ON feature is useful when you want the unit to turn on automatically before you return home. The air conditioner will automatically start operating at the set time.

**Example:**

To start the air conditioner in 6 hours.

1. Press the TIMER ON button, the last setting of starting operation time and the signal "H" will show on the display area.
2. Press the TIMER ON button to display "6.0H" on the TIMER ON display of the remote controller.
3. Wait for 3 seconds and the digital display area will show the temperature again. The "TIMER ON" indicator remains on and this function is activated.



**TIMER OFF (Auto-off Operation)**

The TIMER OFF feature is useful when you want the unit to turn off automatically after you go to bed. The air conditioner will stop automatically at the set time.

**Example:**

To stop the air conditioner in 10 hours.

1. Press the TIMER OFF button, the last setting of stopping operation time and the signal "H" will show on the display area.
2. Press the TIMER OFF button to display "10H" on the TIMER OFF display of the remote controller.
3. Wait for 3 seconds and the digital display area will show the temperature again. The "TIMER OFF" indicator remains on and this function is activated.

**COMBINED TIMER**

(Setting both ON and OFF timers simultaneously)

TIMER OFF → TIMER ON

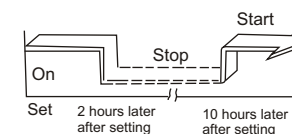
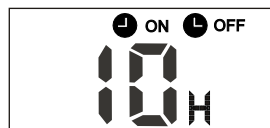
(On → Stop → Start operation)

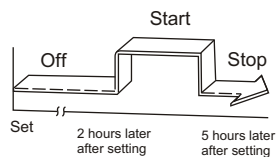
This feature is useful when you want to stop the air conditioner after you go to bed, and start it again in the morning when you wake up or when you return home.

**Example:**

To stop the air conditioner 2 hours after setting and start it again 10 hours after setting.

1. Press the TIMER OFF button.
2. Press the TIMER OFF button again to display 2.0H on the TIMER OFF display.
3. Press the TIMER ON button.
4. Press the TIMER ON button again to display 10H on the TIMER ON display .
5. Wait for 3 seconds and the digital display area will show the temperature again. The "TIMER ON OFF" indicator remains on and this function is activated.





TIMER ON → TIMER OFF  
(Off → Start → Stop operation)

This feature is useful when you want to start the air conditioner before you wake up and stop it after you leave the house.

**Example:**

To start the air conditioner 2 hours after setting, and stop it 5 hours after setting.

1. Press the TIMER ON button.
2. Press the TIMER ON button again to display 2.0H on the TIMER ON display.
3. Press the TIMER OFF button.
4. Press the TIMER OFF button again to display 5.0H on the TIMER OFF display .
5. Wait for 3 seconds and the digital display area will show the temperature again. The "TIMER ON OFF" indicator remains on and this function is activated.