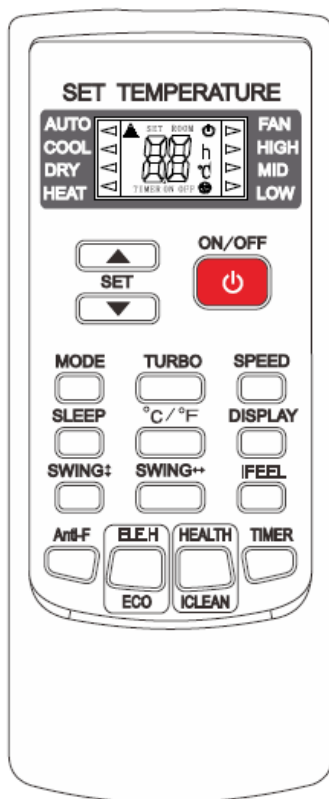


Mini-Split Air Conditioner

Remote Controller

OPERATING MANUAL



Thank you for purchasing the Royal Sovereign Mini-Split Air Conditioner, RSAC-S1217 / RSAC-S1817 / RSAC-2417S. This manual will provide you with safety information, instructions for optimal use, and proper care and maintenance for your remote controller. Please read this manual carefully before operating.

CONTENTS

SAFETY INSTRUCTIONS.....	2
BUTTONS DESCRIPTION.....	3-6
OPERATION.....	7-8

SAFETY INSTRUCTIONS

Always be careful when using the machine. To reduce the risk of fire, electrical shock, or other injuries, keep these safety considerations in mind when installing, using, and maintaining your machine.

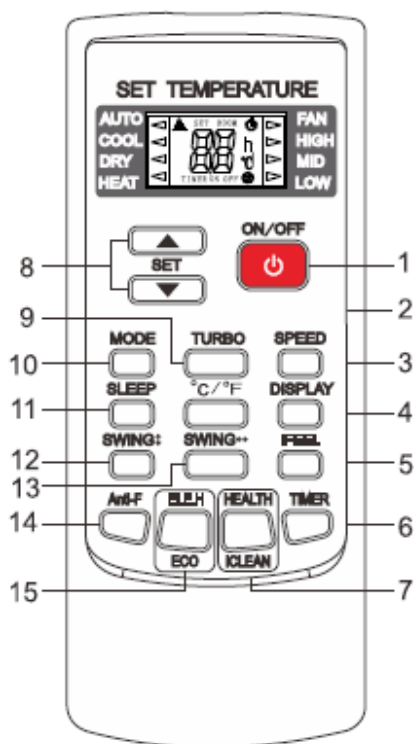
CAUTION

1. Before first time use of the remote controller, install the batteries and ensure that the "+" and "-" poles are correctly positioned.
2. Ensure the remote controller is pointed to the signal receiving window, and that there is no obstruction in between. The maximum distance of operation range is 26.25 ft. (8m).
3. Do not let the remote controller drop or fall, it may cause damage.
4. Do not let any liquid in the remote controller.
5. Do not expose the remote controller directly to the sunlight or excessive heat.
6. If the remote controller does not work normally, remove the batteries for 30 seconds before you reinstall them. If that doesn't work, replace the batteries.
7. When replacing the batteries, do not mix the new batteries with old ones or mix batteries of different types, this could cause failure of the remote controller.
8. If the remote controller is not to be used for a long period of time, remove the batteries first, to avoid the risk of leakage that may damage the remote controller.
9. Properly dispose the discarded batteries.

NOTE:

- HEAT and ELE.H functions are not available for cool only models; thus, these two buttons do not work correspondingly.

BUTTONS DESCRIPTION



NOTE:

The remote controller displays all symbols during power-on and only those corresponding to current operation the rest of the time.

1. ON / OFF

- Press this button to turn on/off the unit.
- This will clear the existing timer and sleep settings.

2. °C / °F

- Press this button to set the temperature display to Fahrenheit, which is displayed by default in Celsius. The "°C" will not be displayed on the LCD.
- Press this button again to restore the temperature display to Celsius.

NOTE: Temperature display in Fahrenheit is not available for some models. When temperature is displayed in Fahrenheit on the remote controller, it might be in Celsius on the unit, the function and operation of which will not be affected.

3. SPEED

- Press this button, you can select the fan speed as follows: Low -> Mid -> High -> Auto

NOTE: AUTO air speed is not available in FAN mode.

4. DISPLAY

- Press this button to turn on/off the display. This is for the convenience of users who are uncomfortable sleeping with the backlight on.

5. iFEEL

- Press this button to set the temperature display on the remote controller to ambient temperature. Press this button again to set it to preset temperature.

BUTTONS DESCRIPTION

6. TIMER

- With the unit ON, press this button to set OFF timer, with it OFF, press to set ON timer.
- Press this button once, a "ON (OFF)" will flash. Press "Λ" or "V" to set the number of hours in which the unit will be turned ON/OFF, with an interval of 0.5 hour if less than 10 hours, or 1 hour if longer than 10 hours, and a range of 0.5-24 hours.
- Press it again to confirm the setting, the "ON (OFF)" will stop flashing.
- If the timer button is not pressed longer than 10 seconds after the "ON (OFF)" start flashing, the timer setting will be exited.
- If a timer setting is confirmed, pressing this button again will cancel it.



7. **This button has two functions:**

HEALTH

- Press this button with the unit ON to activate health related functions, such as negative ion, electrostatic precipitation, PM2.5 removal, etc., depending on the actual configuration of each model.
- Press this button again to deactivate the HEALTH function.

iCLEAN

- Press this button with the unit OFF, the remote controller will display "CL" and the unit will automatically clean dust off the evaporator and dry it, to increase the cooling and heating efficiency.
- The iCLEAN function runs for approximately 30 minutes, if the unit is turned on with the remote controller or this button is pressed again, the iCLEAN will be deactivated.

8. Λ or V

- Each time the "Λ" is pressed, the temperature setting will increase by 1°C and each time the "V" is pressed, it will decrease by 1°C.
 - a) If the type of controller remote is YKR-H/101E or YKR-H/102E, setting temperature range is 16°C ~ 32°C (60°F ~ 90°F).
 - b) If the type of controller remote is YKR-H/132E, setting temperature range is 20°C ~ 28°C (68°F ~ 82°F).
 - c) Some area don't have the YKR-H/132E. Local regulation and actual object shall prevail.

NOTE: The temperature cannot be set in AUTO or FAN mode, thus these two buttons are not functional.

BUTTONS DESCRIPTION

9. TURBO

- Press this button only in COOL or HEAT mode to set TURBO on or off to speed the cooling or heating.
- When TURBO is on, the air speed is HIGH.
- When TURBO is off, the air speed will restore to previous status.

10. MODE

- Press this button, you can select the running mode as follows: AUTO -> COOL -> DRY -> HEAT -> FAN

NOTE: HEAT mode is not available for cool only units.

11. SLEEP

- Press this button to enter SLEEP mode, which the unit will exit after 10 hours of continuous operation and restore to the previous status.

NOTE: The SLEEP function cannot be activated in FAN mode.

12. SWING (Vertically)

- Press this button to activate up/down swing and press it again to fix the swing position.

13. SWING (Horizontally)

- Press this button to activate left/right swing and press it again to fix the swing position.

BUTTONS DESCRIPTION

14. ANTI-F

- The Anti-F functions when the unit is turned off with the remote controller in COOL, DRY or AUTO mode. It will operate in HEAT mode (FAN mode for cool only units), with the internal fan running with weak flow for 3 minutes before stop, to remove the moisture within the evaporator so as to prevent it from giving off bad smell from mold.
- This function is not set in the factory. You may set it or cancel it any time you want as follows: With both the unit and press "Anti-F" button once, the buzzer will sound 5 times after 5 times, indicating this function is set. Once set, this function will remain valid except when the unit is powered off or until it is cancelled.
- To cancel Anti-F
 1. Power off the unit.
 2. With both the unit and the remote controller OFF, point the remote controller at the unit and press this button once, the buzzer will sound 3 times after 5 times, indicating this function is canceled.

NOTE:

- With Anti-F activated, it is advised not to turn ON the unit again before it is fully OFF.
- Anti-F function will be invalid when OFF timer is set.

15.  This button has two functions



ELE.H

- If this button is pressed in HEAT mode, the electric heating will be turned on/off.

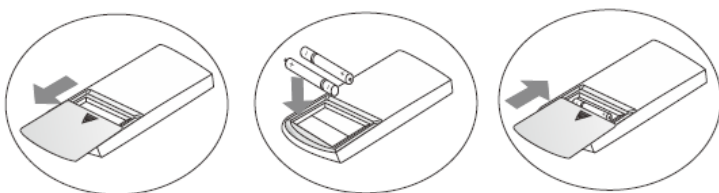
ECO

- If this button is pressed in COOL mode, the unit will enter the ECO mode which has the lowest electricity consumption, and exit it automatically 8 hours after.
- Changing modes or turning off the remote controller will automatically cancel the ECO function.
- Press ECO button in ECO mode to exit this mode.

NOTE: The ECO mode only works for inverter units.

OPERATION

Replace Batteries



1. Slide to open the cover according to the direction indicated by the arrowhead.
2. Insert two brand new batteries (Triple A), and position the batteries to the right electric poles (+ and -).
3. Put back on the cover.

Automatic Operation Mode

1. Press the "MODE" button, select the automatic operation mode.
2. By pressing the "SPEED" button, you can select the fan speed from LOW, MID, HIGH, AUTO.
3. Press the "ON/OFF" button, the air conditioner starts to operate.
4. Press the "ON/OFF" button again, the air conditioner stops.

NOTE: In the fan operation mode, the temperature settings is non-effective.

Cooling/Heating Operation Mode

1. Press the "MODE" button, select the Cooling or Heating operation mode.
2. By pressing the "▲" or "▼" button, you can set the temperature. The display changes as you press the button.
3. By pressing the "SPEED" button, you can select the fan speed from LOW, MID, HIGH, AUTO.
4. Press the "ON/OFF" button, the air conditioner starts to operate.
5. Press the "ON/OFF" button again, the air conditioner stops.

NOTE: The cold wind type has no heating function.

OPERATION

Fan Operation Mode

1. Press the "MODE" button, select the fan operation mode.
2. By pressing the "SPEED" button, you can select the fan speed from LOW, MID, HIGH.
3. Press the "ON/OFF" button, the air conditioner starts to operate.
4. Press the "ON/OFF" button again, the air conditioner stops.

NOTE: In the fan operation mode, the temperature settings is non-effective.

Drying Operation Mode

1. Press the "MODE" button, select the drying operation mode.
2. By pressing the "Λ" or "V" button, you can set the temperature, the display changes as you touch the button.
3. By pressing the "SPEED" button, you can select the fan speed from LOW, MID, HIGH, AUTO.
4. Press the "ON/OFF" button, the air conditioner starts to operate.
5. Press the "ON/OFF" button again, the air conditioner stops.

Backlight Function (for remote controllers with such function only)

- The remote controller has a backlight which can be turned on by pressing any button for the convenience of operation in darkness. The backlight will be automatically turned off if there is no operation within 10 seconds.