

TOSHIBA

OWNER'S MANUAL

REMOTE CONTROLLER WITH TIMER FOR AIR CONDITIONER ACCESSORY PARTS

MODEL: RBC-SH-A1LE2

- Thank you for purchasing this (For Air Conditioner) Remote Controller.
- It is important to read this owner's manual thoroughly before using the Air Conditioner.
- After reading this owner's manual, be sure to keep it in a place where anybody can read it as required.
- Be sure to receive an installation manual from the dealer or contractor and keep it.

Safety Precautions

- Please read this section carefully before installing the Ceiling Panel in the prescribed manner.
- The precautions given here deal with serious safety issues. It is, therefore, of the utmost importance that they are observed in full.
- The meanings of safety-related symbols are as follows.



WARNING

This symbol is used to identify actions which, if carried out in an incorrect manner, could lead to serious personal injury or even death.



CAUTION

This symbol is used to identify actions which, if carried out in an incorrect manner, could lead to serious personal injury*1 or property damage*2.

*1 "Personal injury" indicates a hurt, a burn or an electric shock which does not require hospitalization or going to the hospital for a long term for treatment.

*2 "Property damage" indicates expanded damage related to breakage of property or material.

- After installation has been completed, perform a trial operation of the equipment in order to ensure that it is operating within normal characteristics.

This installation instruction should then be handed over to the customer for safe keeping.



WARNING

Installation of this component should be performed either by personnel from the dealer where it was purchased or by specialist installation technicians.

Incorrect installation by unqualified personnel can result in electric shock or fire.

When a fault (burnt smell, etc.) occur, stop the operation, turn off the power source, and then contact the dealer where you purchased it.

If keeping the operation as it is, an electric shock, a fire, etc. may be caused.

Reinstallation of the Air Conditioner must also be carried out by personnel from the dealer where it was purchased or by specialist installation technicians.

Incorrect reinstallation by unqualified personnel can result in electric shock or fire.

Modification of this component is strictly forbidden.

Air conditioner operation may be impaired as a result of modification work, and this can in turn lead to localized heat build-up or fire.

CAUTION

Do not install in a location where flammable gasses may be present.

Fire may break out should flammable gas leak into the vicinity of the remote controller.

Do not handle switches with wet hands, or throw water onto the Remote Controller.

If doing so, an electric shock is possible.

Do not push the switches with sharp objects.

If doing so, a fault or an electric shock is possible.

Names and Operations of Remote Controller

Display section

In the display example, all are displayed for explanation.
In real time, the selected contents are displayed.

Air volume select display

The selected air mode is displayed.

Air volume display

| | | | |
|------|------|------|-----|
| AUTO | HIGH | MED. | LOW |
|------|------|------|-----|

Operation mode select display

The selected operation mode is displayed.

CHECK display

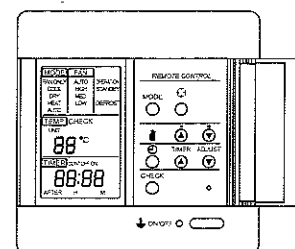
Displayed during check mode.

Set up temperature display

The selected set up temp. is displayed.

Unit display

Unit No. including error/fault is displayed in the set up temp. display section.



OPERATION display

It is displayed during the operation.

PREHEAT DEFROST display

It is displayed when a heating operation has started or when the operation is in defrost mode.

TIMER display

When A/C is operated by the timer, "OFF" or "ON" mode is displayed. If the timer operation is changed to the continuous operation, CONT. is displayed for a while, and then disappears.

Operation section

Push each button to select a desired operation.

Operation mode select button

Select and displays desired operation mode.

Timer select button

Select continuous operation or timer operation.
Timer operation can be "OFF" or "ON".

CHECK button

When an error/fault occurs on the air conditioner, this button is used to check the check No. indicating fault status.
Only use for fault diagnosis.

Operation lamp

Lamp is lit during the operation. Lamp is off while stopped. Although it flashes when power switch is turned on or when turned on again after power failure, it goes on if the operation has started.

Air volume select button

Select the desired air mode.

Set up temp. button

Set up the room temperature.
Match to the desired set temperature by pushing ▼▲.

Timer adjust button

Set the time of "OFF" and "ON" by pushing ▼▲.

ON/OFF button

Operation starts or stops by pushing this button.

REQUIREMENT

- When the operation is stopped, the operation lamp goes off and the other displays remain as they are.
- The CHECK switch is used for the check operation. During normal operation, do not use this switch.

Correct Usage

Preparation

Turn on the power switch.

- The operation lamp (Red) flashes.

REQUIREMENT

- While using the air conditioner, do not turn off the main power switch.

Operation

1 Select an operation mode with the "MODE" button.

Every one push of the button, and the display changes. "AUTO" is displayed when the air conditioner is used as a Cool/Heat in some models.

- In HEAT mode, if the room temperature reaches to the set temperature and the outdoor unit stops, the air flow becomes LOW and the air volume decreases exceedingly. In the defrost mode, the fan stops so that cool air is not discharged and PRE-DEF is displayed.
- When used for the cooling only model, please cut J03 of the wired remote controller.

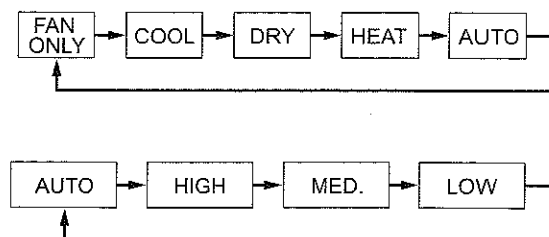
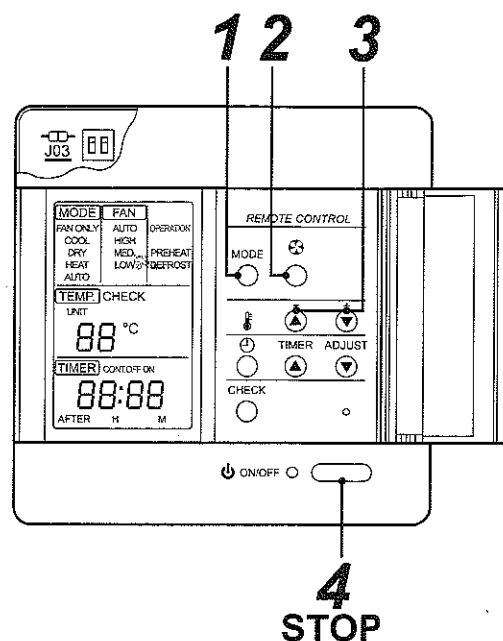
CAUTION

Priority of Operation Types

Use the air conditioners by matching operation mode of the units in each room.

- For the indoor units in each room, different operation mode such as COOL and HEAT, DRY and HEAT, FAN ONLY and HEAT can not be operated.

If operation type in a room differs from one in another room, priority is given to the operation type in the room where operation has started previously.



2 Select air mode with "FAN" button.

Every one push of the button, and the display changes in the order shown on the right.

- When air volume is "AUTO", air mode differs according to the room temperature.
- In the dry mode, LOW will automatically be selected for the air mode regardless of the air mode setting. Therefore, you need not select the fan speed.

3 Determine the set up temperature by pushing the "TEMP." ▼▲ button.

4 Push "ON/OFF" button.

The operation lamp goes on, and the operation starts.

In heating mode

- The indoor fan starts after the preheating operation for 3 to 5 minutes, and then discharges hot air.

In cooling mode

- When the operation button is pushed, the operation starts after approx. 1 minute.

Names and Operations of Remote Controller

STOP

Push "ON/OFF" button.

The operation lamp goes off, and the operation stops.

When restarting the operation after stop

- In heating operation, the indoor fan may continue the operation for approx. 30 seconds after it stopped.
- When restarting the operation after stop, the air conditioner does not operate for approx. 3 minutes to protect the machine.
- When the operation has stopped, the operation lamp and the OPERATION display disappear and the other displays remain as they are.

Preparation

Turn on the main power switch.

Setting method

Set the desired time to the timer, and push "ON/OFF" button.

- The operation lamp (Red) goes on, and the mode enters the timer operation mode.

CONT.

Push TIMER select switch to set CONT.

- The operation continues.

OFF timer (ON → OFF)

Push TIMER select switch to select "OFF", and push TIMER ADJUST to set the time.

- When time reaches to the set time, the operation stops.

ON timer (OFF → ON)

Push TIMER select switch to select "ON", and push TIMER ADJUST to set the time.

- When time reaches to the set time, the operation starts.

STOP

Push the ON/OFF button again.

- The operation lamp goes off and the operation stops even if the set up time has not elapsed.
- "OFF" or "ON" set up time is stored in memory as it is.

RELEASE

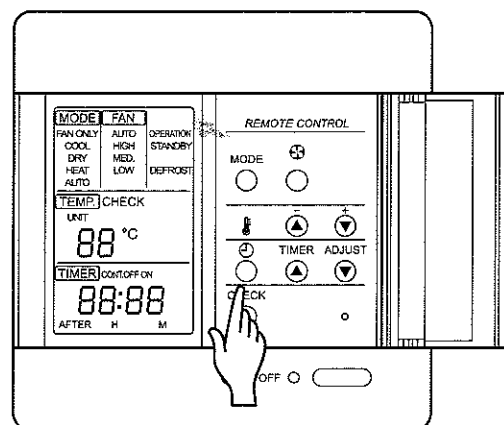
Push the TIMER select button.

- "OFF" and "ON" displays disappear.

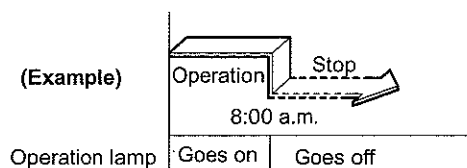
CHANGE

Set up desired time with the timer again, and push ON/OFF button.

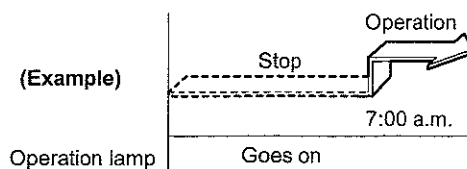
- The operation lamp (Red) goes on, and the mode enters TIMER operation mode.



(Example)



(Example)



TOSHIBA CARRIER CORPORATION

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