

DAIKIN

OPERATING MANUAL

Operating Manual
Wired Remote Controller

English

Bedienungsanleitung
Kabelgebundene Fernbedienung

Deutsch

Manuel d'utilisation
Télécommande filaire

Français

Bedieningsaanwijzing
Bedrade afstandsbediening

Nederlands

Manual de instrucciones
Controlador remoto con cable

Español

Manuale Di Funzionamento
Telecomando cablato

Italiano

Εγχειρίδιο Λειτουργίας
Ενσύρματο τηλεχειριστήριο

Ελληνικά

Manual De Funcionamento
Controlo remoto com fios

Português

Руководство по эксплуатации
Проводной пульт дистанционного управления

Русский

Kullanım Kılavuzu
Kablolu Uzaktan Kumanda

Türkçe

3P784397-1



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Note :
Illustrations in this manual are for explanation to user only. And may differ from the actual machine. Are subject to change without prior notice. For the development of future products.

Safety Considerations

The original instructions are written in English. All other languages are translation of the original instructions.

Read these **SAFETY CONSIDERATIONS** carefully before operating the remote controller.

Train the customer to operate and maintain the remote controller.

Inform customers that they should store this Operations Manual with the Installation Manual for future reference.

Meanings of **WARNING** and **CAUTION** Symbols:

 WARNING	Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.
 CAUTION	Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices.
 NOTE	Indicates situations that may result in equipment or property-damage accidents only.

- The following pictograms are used in this manual.

	Never do.		Always follow the instructions given.
	Keep water and moisture away.		Keep wet hands away.

 WARNING	
	• Do not modify or repair the remote controller. Consult your Daikin dealer for any modification or for repairs.
	• Do not relocate or reinstall the remote controller by yourself. Improper installation may result in electric shocks or fire. Consult your Daikin dealer to relocate or for any reinstallation.
	• Do not use flammable materials (e.g., hairspray or insecticide) near the remote controller. Do not clean the product with organic solvents such as paint thinner. The use of organic solvents may cause cracking, damaging the product, causing electric shocks, or fire.
	• Consult the dealer if the remote controller was submerged under water due to a natural disaster, such as a flood or hurricane. Do not operate the remote controller at this time or a malfunction, electric shock, or fire can occur.

— Items to be Strictly Observed —

CAUTION

	• Do not allow children to play with the remote controller to avoid causing damage to the product.
	• Never disassemble the remote controller. Touching the interior parts may result in electric shocks or fire. Consult your Daikin dealer for internal inspections and adjustments.
	• Do not touch the remote controller buttons with wet fingers. Touching the buttons with wet fingers can cause an electric shock.
	• Do not wash the remote controller. Doing so may cause electric leakage and result in electric shocks or fire.
	• Never let the remote controller to get wet. Water can cause damage to the remote controller, and may cause an electric shock or fire.

NOTE

	• Never press the button of the remote controller with a hard and pointed object. The remote controller may be damaged.
	• Never pull or twist the electric wire of the remote controller. It may cause the unit to malfunction.
	• Do not wipe the remote controller with benzine, thinner, chemical dustcloth, etc. The remote controller may get discolored or the coating peeled off. If it is heavily dirty, soak a cloth in water-diluted neutral detergent, squeeze it well and wipe the remote controller clean. And wipe it with another dry cloth.

HARDWARE SETTING

NOTE

– Hardware setting should be performed by installers or technicians.

The wired remote controller has 3 jumpers option to control the board function.

Summary of hardware setting

OPTION	With Jumper	Without Jumper
SET TEMP. RANGE	Set Temperature : 20°C - 30°C	Set Temperature : Cool Mode: 18°C - 32°C Heat Mode: 10°C - 30°C
* POWERFUL_QUIET	Deactivate Powerful & Quiet Feature	Activate Powerful & Quiet Feature
ROOM TEMPERATURE	Deactivate Room Temperature Display	Activate Room Temperature Display

INSTALLATION

⚠ NOTE

Installation and maintenance should be performed by qualified persons who are familiar with local code and regulation, and experienced with this type of appliance.

1. Accessories

The following accessories are included together with this manual. If any part is missing, contact your dealer immediately.

- 1.1 Remote controller
- 1.2 Screw (2 pieces)
- 1.3 Operational manual
- 1.4 Wire

Screw	Remote Controller	Operation Manual	Wire
			
(2pcs.)	(1pc.)	(1pc.)	(1pc.)

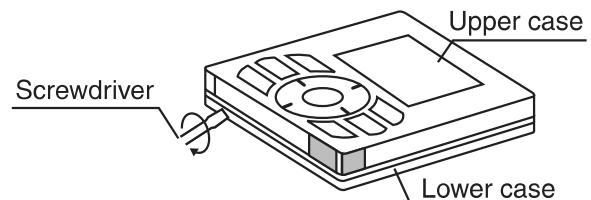
2. Step-by-step guide

2.1 Remove upper case.

Insert a screwdriver in the recess of lower case to remove the upper case (2 points).

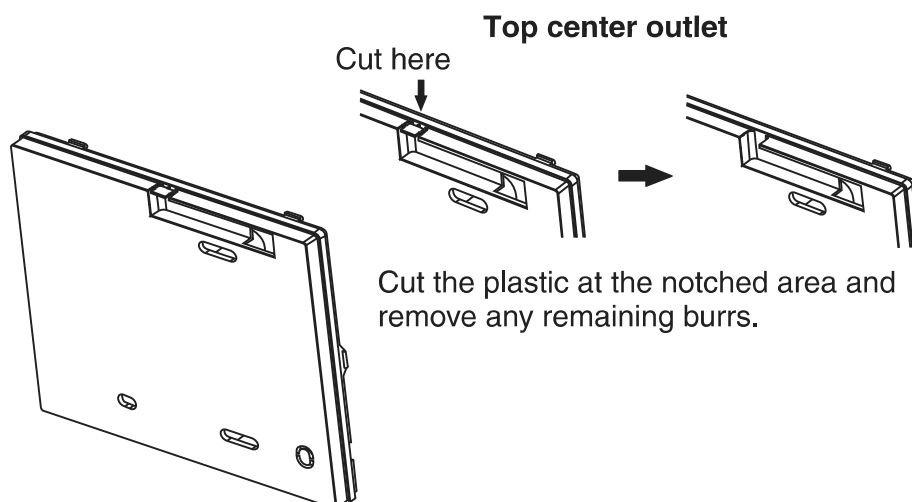
Remote controller printed-circuit board is installed on the upper case. Be careful not to damage the printed-circuit board with the screwdriver.

Be careful not to let dust or moisture touch the printed-circuit board.



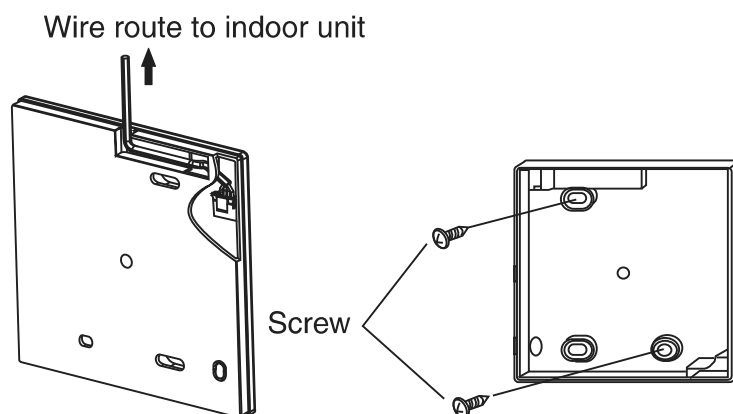
Insert and twist the screwdriver **'LIGHTLY'** for removal.

2.2 Location where the wiring will enter the remote controller.



2.3 Installation procedure for the lower case.

Route the wire through top center outlet before installing lower case onto the wall. Install the lower case onto wall using the screw provided. Ensure the wire is not overly pressed against the wall by lower case.

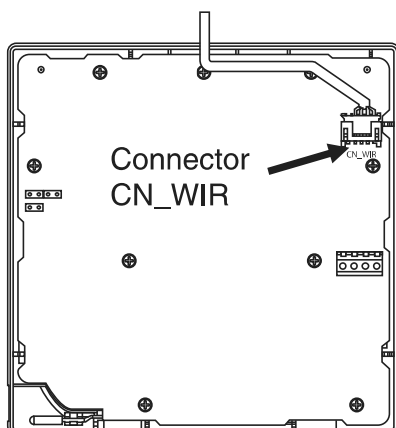


NOTE

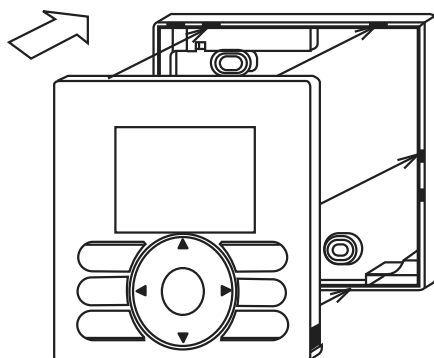
- Install the control on a flat surface only.
- To prevent deformation of the lower case, avoid over-tightening the installation screws.

2.4 Install the upper case.

- Connect the wire to connector (CN_WIR) on printed circuit board as shown below.



- Then align the upper case with tabs of the lower case, insert and press the upper case onto lower case until it is firmly attached.

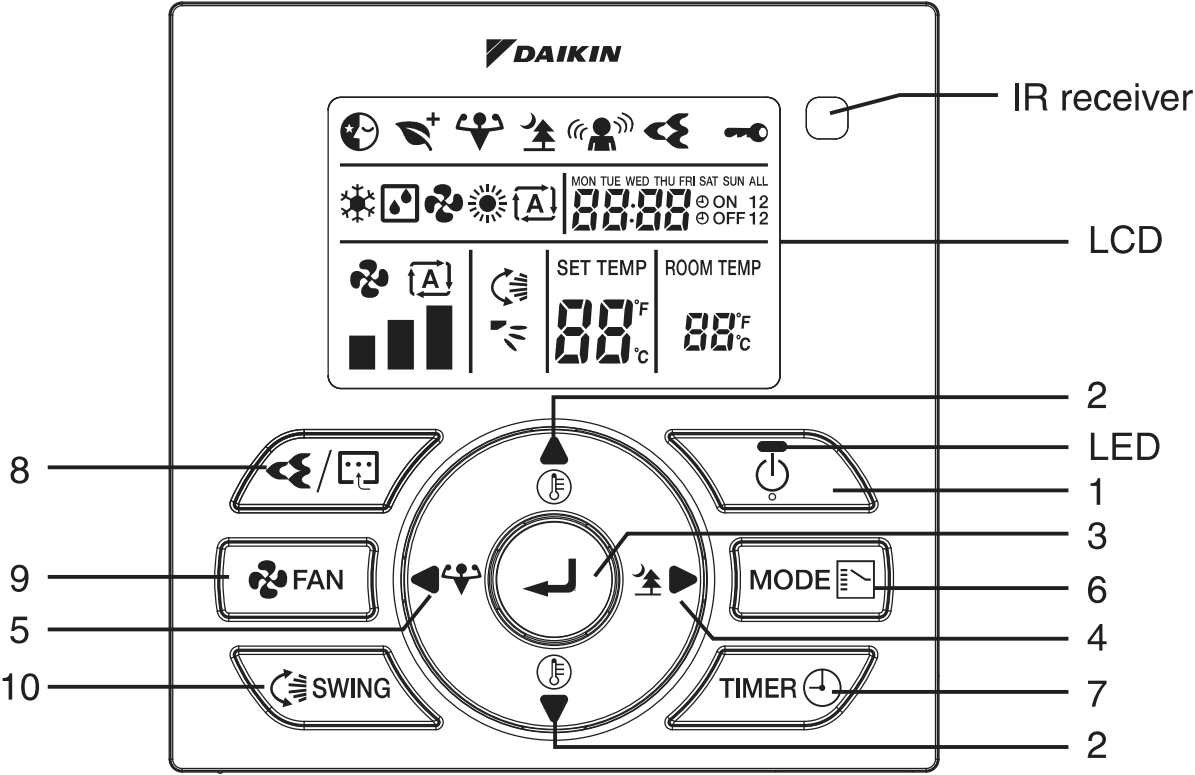


- Peel off the protective membrane which overlays the upper case.

2.5 Install the wire to indoor unit.

Connect the wire from handset to indoor unit printed circuit board (connector CN_WIR). Refer unit wiring diagram for connector location.

BRC51D67 Controller Indication



OPERATING INSTRUCTION

1.  **Button**
 - Press once to start the air conditioner unit.
 - Press again to stop the unit.
2.  and  **Button**
 - Press the  or  button to increase or decrease the set temperature.
 - Press  FAN and  SWING button simultaneously to toggle the temperature setting between °C and °F.

NOTE

- Room Temperature Display is available for selected models only.

3.  **Button**
 - Press to confirm setting.
4.  **Button**
 - Press  button to turn ON/OFF Quiet operation.
5.  **Button**
 - Press  button to turn ON/OFF Powerful operation.
6. **MODE**  **Button**
 - Press the **MODE**  button to select the type of operating mode.
 - For cooling only model, the available modes are: **COOL** () , **DRY** () , **FAN** () .
 - For heat pump model, the available modes are: **COOL** () , **HEAT** () , **AUTO** () , **DRY** () , **FAN** () .
7. **TIMER**  **Button**

NOTE

- Idle 10 seconds to exit the clock setting.
- The clock setting is in 24-hour clock.

A) To set the clock – Press **TIMER  and  button simultaneously for 3 seconds.**

a. Hour will blink.



b. Press  or  button to change the Hour.

c. Press  button to confirm the Hour, then Minute will blink.



d. Press  or  button to change the Minute.

e. Press  button to confirm the Minute, then “MON” will blink.

f. Press  or  button to change the Day.

g. Press  button to confirm the Day.

B) ON/OFF Timer Setting – Daily Timer Setting

a. Continuously press **TIMER**  button for 3 seconds.

b. ON Timer 1 Setting

I. “MON” will blink.

II. Use  or  button to select the Day and press  button to confirm the Day.

III. Hour will blink. Use  or  button to toggle between Hour and Minute.



Press  or  button to change the Hour and Minute.

Press  button to confirm the setting.

IV. Repeat Step II to III for the timer setting of other days.

c. ON Timer 2 Setting

I. Press **TIMER**  button again to enter ON Timer 2 setting, then “MON” will blink.

II. Use  or  button to select the Day and press  button to confirm the Day.

III. Hour will blink.



Press  or  button to change the Hour.

Press  button to confirm the Hour, then Minute will blink.

IV. Repeat Step II to III for the timer setting of other days.

d. OFF Timer 1 Setting

I. Press **TIMER**  button again to enter OFF Timer 1 setting, then “MON” will blink.

II. Use  or  button to select the Day and press  button to confirm the Day.

III. Hour will blink.



Press  or  button to change the Hour.

Press  button to confirm the Hour, then Minute will blink.

IV. Repeat Step II to III for the timer setting of other days.

e. OFF Timer 2 Setting

- I. Press **TIMER** (⌚) button again to enter OFF Timer 2 setting, then “MON” will blink.
- II. Use ◀ or ▶ button to select the Day and press ↵ button to confirm the Day.
- III. Hour will blink.



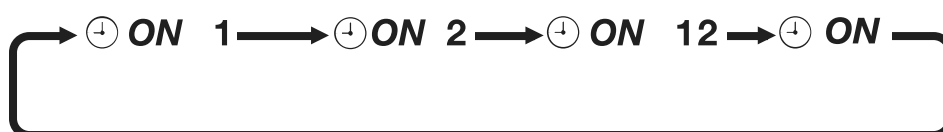
Press ▲ or ▼ button to change the Hour.

Press ↵ button to confirm the Hour, then Minute will blink.

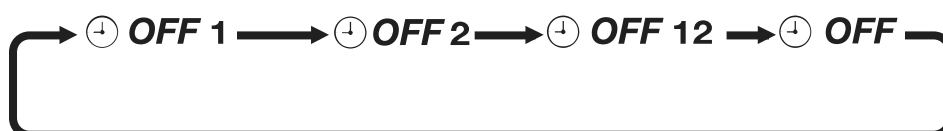
- IV. Repeat Step II to III for the timer setting of other days.

C) Activation of On/Off Timer

- a. Press **TIMER** (⌚) button to activate On Timer. ⌚ **ON 1** will blink.
- b. Press ▶ button for navigation of On Timer selection.



- c. Press ↵ button to confirm the selection, then ⌚ **OFF 1** will blink.
- d. Press ▶ button for navigation of Off Timer selection.



- e. Press ↵ button to confirm the selection and exit.
- f. Definition:

- ON 1** – Activate ON Timer 1 setting only
- ON 2** – Activate ON Timer 2 setting only
- ON 12** – Activate ON Timer 1 & 2 setting
- ON** – Activate ON Timer setting according to wireless remote controller setting
- OFF 1** – Activate OFF Timer 1 setting only
- OFF 2** – Activate OFF Timer 2 setting only
- OFF 12** – Activate OFF Timer 1 & 2 setting
- OFF** – Activate OFF Timer setting according to wireless remote controller setting

⚠ NOTE

- It is not advisable to set ON TIMER and OFF TIMER to have same values.
- Shall these occur, the effective timer will be treated with priority as stated in table below:

Priority	Timer
1 (Highest)	ON TIMER 2
2	OFF TIMER 2
3	ON TIMER 1
4 (Lowest)	OFF TIMER 1

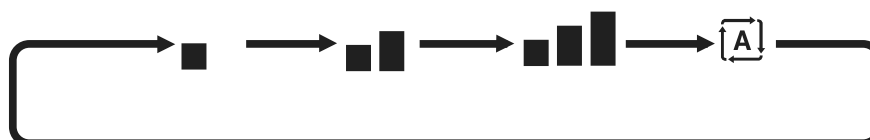
8. Button

- Press  to activate **STREAMER** feature.
- Continuously press for 3 seconds to enter Feature selection. **SLEEP** () will blink, use  or  button to scroll between **SLEEP** (), **ECONO** ()⁺, **POWERFUL** ()⁺, **QUIET** ()⁺, **SENSE** ()⁺), **STREAMER** ()⁺. Press  button to confirm the feature. If any button is not pressed within 10 seconds, it will exit the Feature selection. Not all features are available on every model.

Features	Remarks
SLEEP ()	Available in COOL and HEAT mode only.
ECONO () ⁺	Set temperature automatically adjusts to eco-friendly level. Available in COOL and HEAT mode only. Only applicable for selected model.
POWERFUL () ⁺	POWERFUL feature is activated for 20 minutes only. After 20 minutes, POWERFUL feature will deactivated automatically. If user presses FAN button or QUIET button or turns off the unit, POWERFUL operation will be disabled. Available in all modes.
QUIET () ⁺	If user presses the FAN button or POWERFUL button or turn off the unit, QUIET operation will be disabled. Available in all modes except DRY mode.
SENSE () ⁺	For intelligent eco cooling or heating mode operation. Available in COOL and HEAT mode for selected models.
STREAMER () ⁺	Available in all modes. STREAMER can operate concurrently with all features. Only applicable for model with STREAMER .

9. FAN Button

- Pressing  FAN button continuously will toggle the fan speed in the following order:



- For **AUTO** fan, the airflow rate will adjust automatically based on the room temperature and temperature setting selected by user.

NOTE

- Fan setting is not available in **DRY** () mode.

- Continuously press for 3 seconds to turn ON/OFF  Key Lock function. Only  button can be pressed during Key Lock activation.

Adjust Max Limit for Fan Speed During AUTO Fan Mode

- I. Set fan speed to **HIGH**. Hold  and  FAN button for 3 seconds.
- II. Max fan speed percentage will blink.

888

- III. Use  or  key to set max fan speed percentage from 100% to 40%.
- IV. Press  to save fan speed percentage.
- V. Enter AUTO fan mode to activate.

NOTE

- Idle 10 seconds to exit fan limit adjustment.
- This feature allow user to set maximum limit for fan speed.
- Unit will operate as AUTO Fan Mode. The maximum fan speed will follow the limit set by user.
- Adjust max limit for fan speed will only be activated during AUTO fan mode.

10. **SWING Button**

- Press  SWING button to turn ON/OFF the automatic air swing function.
- To distribute the air to a specific direction, press  SWING button and wait until the louvers move to the desired direction and press the button once again to confirm.

Special Swing Mode selection (Only applicable for selected model)

- Continuously press for 3 seconds to enter Special Swing Mode. () will blink. Press  and  button to toggle between ,  and . Press  button for confirmation.

NOTE

- Special Swing Mode will only be activated when  SWING is ON.

ERROR INDICATOR

⚠ NOTE

- The LED will blink if error occurred.

If there is any abnormal condition detected, BRC51D controller will blink the error code. The format for the error code will be as following:



A= Error Code
Refer table below

ERROR CODE	MEANING
00	Normal
A1	Indoor PCB Error
A3	Drain Pump Abnormal
A5	Antifreeze (Cooling)/Heat Exchanger Overheat (Heating)
A6	Indoor Fan Motor Abnormal
AH	Electrical Air Cleaner Abnormal
AE	Pipe Water Temperature Bad
C4	Indoor Heat Exchanger (1) Thermistor Short/Open
C5	Indoor Heat Exchanger (2) Thermistor Short/Open
C7	Louver Limit Switch Error
C9	Indoor Room Thermistor Short/Open
E1	Outdoor PCB Error
E3	High Pressure Protection
E4	Low Pressure Protection
E5	Compressor Motor Lock/Compressor Overloaded
E6	Compressor Start-Up Error
E7	Outdoor DC Fan Motor Lock
E8	AC Input Over Current
E9	EXV Error
EA	4 Way Valve Error
F3	Discharge Pipe Overheat
F6	Heat Exchanger Overheat
H0	Compressor Sensor System Error
H3	High Pressure Switch Error
H6	Compressor Feedback Detection Error
H7	Fan Motor Overloaded/Overcurrent/Sensor Abnormal
H8	AC Current Sensor Error

ERROR CODE	MEANING
H9	Outdoor Air Thermistor Short/Open
J1	Pressure Sensor Error
J3	Compressor Discharge Pipe Thermistor Short/Open/Misplaced
J5	Suction Pipe Thermistor Short/Open
J6	Outdoor Heat Exchanger Thermistor Short/Open
J7	Subcooling Heat Exchanger Thermistor Short/Open
J8	Liquid Pipe Thermistor Short/Open
J9	Gas Pipe Thermistor Short/Open
L1	Inverter Outdoor PCB Error
L3	Outdoor Control Box Overheat
L4	Heat Sink Overheat
L5	IPM Error/IGBT Error
L8	Inverter Compressor Overcurrent
L9	Compressor Overcurrent Prevention
LC	Communication Error (Outdoor Control PCB And Inverter PCB)
P1	Open Phase or Voltage Unbalance
P4	Heat Sink Thermistor Short/Open
PJ	Capacity Setting Error
U0	Insufficient Gas
U2	DC Voltage Out of Range
U4	Communication Error
U7	Communication Error (Outdoor Control PCB And IPM PCB)
UA	Installation Error
UF	Piping & Wiring Installation Mismatch/Wrong Wiring/Insufficient Gas
UH	Antifreeze (Other Rooms)

MEMO

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- Üretici teknik özellikleri ve tasarımları herhangi bir zamanda, önceden bildirimde bulunmadan değiştirme hakkını saklı tutar.
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