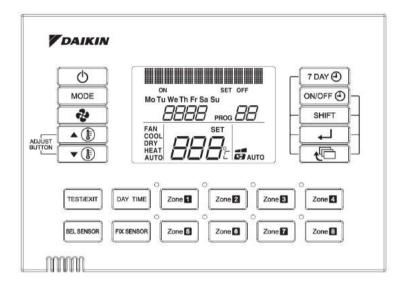


WIRED REMOTE CONTROLLER

OPERATION MANUAL



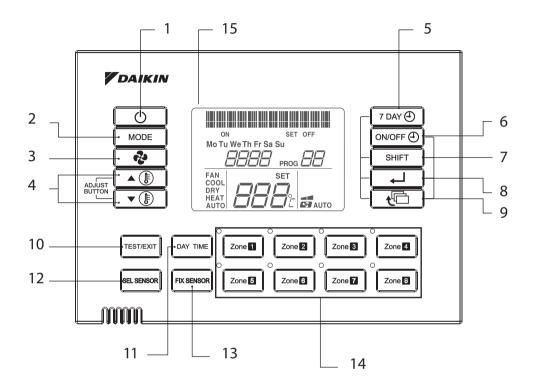
MODELS: BRC230Z4B

BRC230Z8B BRC24Z4B BRC24Z8B BRCSZC1

CONTENTS

READ BEFORE OPERATION
Name and Functions of Buttons · · · · · 2
Preparation before Operation ······
OPERATION
FAN · DRY · AUTO · COOL · HEAT Operation · · · · · · 6
TIMER Operation ······ 8
SIMPLE 7 DAY TIMER Operation ······ 10
MULTI 7 DAY TIMER Operation ······ 14
7 DAY TIMER disable (Holiday Mode) ······ 16
Explanation of the 7 DAY TIMER operation18
ZONE Control19
TEMPERATURE SENSOR Switching (Option) ····· 20
Name registration ······ 21
CARE
Ole a min m

Name and Functions of Buttons



- Two remote controllers can connect to the system. In that case, the remote controllers will work as master and sub remote controllers respectively.
- The sub remote controller does not support all functions. For more details, please see the page 24 (Appendix).
- The settings in the master remote controller are reflected in the sub remote controller.

1. ON/OFF button

Press this button to turn the air conditioner ON and OFF.

2. MODE selector button

Press this button to select the AUTO/ COOL/HEAT/DRY/FAN mode.

3. FAN setting button

Press this button to select the airflow rate.

4. TEMPERATURE adjustment button

Press this button to make temperature adjustment and other settings.

5. 7 DAY TIME CLOCK button

Press this button to go to the setting display for the "S. 7DauTimer" and "M. ZDauTimer".

6. ON/OFF TIMER button

Press this button to set the ON TIMER and OFF TIMER

7. SHIFT button

Press this button to change the display at the time of making settings.

8. ENTER button

Press this button to accept the settings that have been made.

9. CLEAR button

Press this button to cancel settings.

10. TEST/EXIT button

Press this button to exit programs.

11 DAY/TIME button

Press this button to go to the clock and day setting.

12. SELECT SENSOR button

Press this button for sensor selection

13, FIXING SENSOR button

Press this button to enter the sensor selection that has been made.

14. ZONE button

Press this button to make zone settings.

15 DISPLAY

The present settings are displayed on the LCD.

(In this illustration, each section is shown with all its displays ON for the purpose of explanation.)

Preparation before Operation

This setting can only be undertaken via the main controller only.

■ Turn the breaker ON

Turn the breaker ON if nothing is displayed on the LCD of the remote controller.

■ Time and Day Settings



- "Mo", "(II(I" []II)", "SET" : blinks
- The above appears if no time and day settings have been made yet. To change the current time and day settings, begin with STEP 2.



Press "DAY TIME button".

 The normal display will appear after a while if you do not press a button.

In this case press the DAY TIME button" once again.



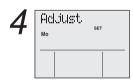


Press "SHIFT button".

- "Fid.it.st." is displayed on the LCD.

 "Mo" blinks.
- Go to the day setting section.





Press " button" and select the day.

Days are displayed on the LCD.

$$Mo \rightarrow Tu \rightarrow We \rightarrow Th \rightarrow Fr \rightarrow Sa \rightarrow Su$$





Press "SHIFT button".

- "*□□□□*": blinks
- Go to the time setting section.





Press " ,) button" to adjust the present time.

 Keep pressing the button to advance the displayed time quickly.



7	Time	15: 90
•	Мо	

Press " → button" to enter the settinas.





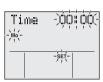
■ To cancel Time and Day Settings



Press "DAY TIME button".

• The time and day setting screen will appear.





Press " button" for at least 4 seconds.

- The time and day settings are cancelled.
- Set the time and date again. (page 4.) "Mo" and "SET" : blinks



NOTE

■ Tips for saving energy.

- Be careful not to cool the room too much. Keeping the temperature setting at a moderate level helps save energy.
- Cover windows with a blind or a curtain. Blocking sunlight and air from outdoors increases the cooling effect.

■ Please note.

- The air conditioner always consumes a small amount of electricity even while it is not operating.
- If you are not going to use the air conditioner for a long period, for example in spring or autumn, turn the breaker OFF. When air conditioning is required ensure the breaker is switched on 6 hours before operating the air conditioning system.

FAN · DRY · AUTO · COOL · HEAT Operation

The air conditioner operates with the operation mode of your choice.

From the next time on, the air conditioner will operate with the same operation mode.

■ To start operation



Press " button" and select an operation mode.







Press " button".

• The air conditioner starts operating in the selected mode.



■ To stop operation



Press " button" again.

• The air conditioner comes to a stop.



■ To change the temperature setting



Press " D button".

DRY or FAN mode:

The temperature setting is not available.

AUTO or COOL or HEAT mode:

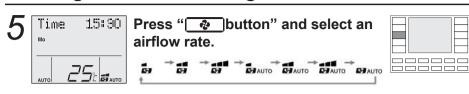
Press " button" to raise the temperature and press " button" to lower the temperature.

Set to the temperature you like.

The temperature can be selected from a range of 16°C to 32°C.



■ To change the airflow setting



- The volume of air is selectable from three levels while the air conditioner is in eigher normal mode or AUTO(and and and fan mode.
- * AIRSIDE(S) AUTO) function may not be available on some indoor models.

■ Note on HEAT operation

- Since this air conditioner heats the room by absorbing the heat from outdoor air and releasing the heat to the indoors, the heating capacity drops in lower outdoor temperatures.
- The heat pump system heats the room by circulating hot air around all parts of the room.
 After the start of heating operation, it takes some time before the room sufficiently warms.
- In heating operation, frost may occur on the outdoor unit and lower the heating capacity. In that case, the system switches into defrosting operation to melt away the frost.
- During defrosting operation, warm air will not flow out of the indoor unit.

■ Note on COOL operation

• This air conditioner cools the room by absorbing the heat from the air within the room and releases it outside, so if the outside temperature is high, performance drops.

■ Note on DRY operation

The computer chip works to rid the room of humidity while maintaining the temperature as much
as possible. It automatically controls temperature and fan strength, so manual adjustment of
these functions is unavailable.

■ Note on AUTO COOL/HEAT operation

• In AUTO operation, the system selects an appropriate operation mode (COOL or HEAT) based on the room temperature at the start of the operation.

LCD while in cooling operation LCD while in heating operation

 In AUTO mode, the system automatically selects the correct mode dependent on the user set point and the room temperature to maintain comfort conditions.

■ Note on AUTO fan mode

- The fan may stop while the air conditioner is in operation. In that case, if AUTO fan speed has been selected, the fan will stop for 6 minutes continuously and then operate for 30 seconds or more (depends on model). This function will occur every 6 minutes only when the room temperature is within the selected temperature range. The AUTO fan function may not behave in the manner mentioned, in that case your installer may have selected other fan settings during the commissioning of the controller.
- AUTO fan settings will only operate when the "Indoor Sens" is selected. When "Indoor Sens" has not been selected the AUTO fan function will operate the same as standard low and high speed setting. The fan will operate for a period of 30 seconds to allow the temperature sensor located in the indoor unit to sample the room air temperature.

■ Note on AIRSIDE function

- To activate the Airside function, please select the "Auto" under the Airflow settings mode.
- When operating under this "Auto" mode the Airside function is active. In this mode, the percentage of fan speed is automatically set based on the active zones and the airflow set for each zone. The Airflow per zone is set by your installer during the commissioning stage.
- The following "Auto" LCD symbol will appear while the system is operating under Airside operations.

TIMER Operation

This setting can only be undertaken via the main controller only.

Timer functions are useful for automatically switching the airconditioner on or off at night or in the morning. You can also use ON TIMER and OFF TIMER in combination.

■ To use ON TIMER and OFF TIMER operation

• Make sure the day of the week and time are set. If not, set the day of the week and time, (page 4.)



Press "[ONOFF @] button" to select ON TIMER or OFF TIMER.





- "Timer", "**ON**" and " \Box !" are displayed on the LCD.
- Setting other them " [] /" may appear if timer has been previously set.



Press "SHIFT button".

- "Floi.il.ist." is displayed on the LCD. "[7 /" blinks.
- · Go to the time setting section.





Press " D button" and select time.

 The time is selectable in 1 hour increments from 1 to 12 hours.





Press " □ button".

- The timer setting is complete.
- The normal display appears again and "ON" or "OFF" is displayed.
- When the set time has passed, preset operation will start or stop.



■ To cancel ON TIMER and OFF TIMER operation

Adjust *0*5

Press "ON/OFF 1 button" to select ON TIMER or OFF TIMER.

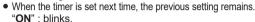
• The timer setting is displayed.



Adjust

4 seconds.

• The setting that has been made is cleared.





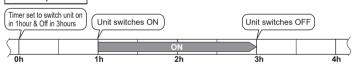
■ To combine ON TIMER and OFF TIMER

• A sample setting for combining the two timers is shown below.

Example

ON TIMER for action after 1 hour OFF TIMER for action after 3 hours





SIMPLE 7 DAY TIMER Operation

This setting can only be undertaken via the main controller only.

■ To use SIMPLE 7 DAY TIMER operation

• Make sure the day of the week and time are set. If not, set the day of the week and time. (page 4.)

S.ZDasTimer

Press "TDAY Dutton".

- Each time the button is pressed, the day and program number will shift.
- "5. 7DayTimer" and "CCCC" are displayed on the LCD
 - "/" blinks
- If required press the button for a minimum of 4 seconds to go to the MULTI 7 DAY TIMER setting section. (page 14.)

AdJust

Press "SHIFT | button".

- Go to the time setting section.
- "Flc| "I | ≡1." is displayed on the LCD.
 - "
 \[\alpha \alp



Addition.

Press " Dutton" and select time.

- Set the ON TIMER.
- The time is selectable in 10 minute increments between 00:00 and 23:50.
 - "□□□□" blinks.





Press "SHIFT Ibutton".

• The OFF TIMER setting section is selected.



Find the off of the organization of the organi

Press " _ button" and select time.

- Set the OFF TIMER.
- The time is selectable in 10 minute increments between 00:00 and 23:50.
 - "\T\T\T" blinks.



Press "SHIFT button".

- The MODE setting section is selected.
 "FAN" blinks



Press " , , , button" and select MODE.

- During this function the mode button is disabled.
- Select the operation mode from the following items.
 "FAN" blinks.





Press "SHIFT button".

- The temperature setting section is selected.
- "الله تالية" blinks.
- If you have selected FAN·DRY in mode setting, the display will not shift to the temperature setting.
 Proceed to step 10 to complete the setting.





Press "____, ___ button" and select temperature.

Set the temperature.



10 S. ZDayTimer

Press " ☐ button".

• " / " : blinks.



SIMPLE 7 DAY TIMER Operation

This setting can only be undertaken via the main controller only.



Press "Test/exit button".

- To complete the timer setting, press " TEST/EXIT button". The normal display appears again and "PROG" is displayed. Press "TDAY® button" twice to enter program 2 (If required).
- To set the timer for another day of the week, repeat the procedure from step 1 (page 10.) or refer to page 13 "copy mode" if you want to copy settings to another day.



■ To cancel SIMPLE 7 DAY TIMER operation



Press "[7DAY @] button".

- To cancel all timer settings, proceed to step 2.
- To cancel timer setting individually, press "TDAY® button", select the setting to cancel, and proceed to step 3.





Press " button" for at least 4 seconds.

- All the timer settings are canceled.
- "5. 7DayTimer" and "DDDD" are displayed on the LCD.
 - " / " hlinks
- Press "TESTIEXIT button" or wait for a while, until the normal display appears again.
- . If you have set MULTI 7 DAY TIMER, this setting is also cancelled.



Press "SHIFT button".

• "FlcLiList." is displayed on the LCD. " $\Box \Box \Box \Box \Box$ " blinks.





Press " button" for at least 4 seconds.

- The selected setting is cancelled.
- Press "TESTIEXIT button" or wait for a while, until the normal display appears again.



■ Setting SIMPLE & MULTI 7 DAY TIMER using copy mode

• A setting can be copied to the setting for the next day.

S.ZDasTimer

Press " button".

• Press the button and select the program number of the desired day of the week to copy. " / " : blinks.



Addust

Press "SHIFT button".

• "Fig., List." is displayed on the LCD.



Adjust

Press " → button" for at least 4 seconds.

- The timer setting is copied to the setting for the next day.
- Repeat using the enter button if you want to copy to other days of the week.



Press " ☐ Ibutton".

• "/" · blinks





Press "TEST/EXIT button".

 Once you have completed the copy mode settings press the "TEST/EXIT button" to return to normal operation mode.



NOTE

- All S. 7 DAY TIMER settings also apply to M. 7 DAY TIMER.
- For the timer setting, up to two items per day and up to 14 items per week can be set.
- Ensure to set both the on and off timer for correct time clock operation.
- Incomplete settings will be entered if the " button" is pressed before all the settings are done. To abort the settings without entering them, press the "TESTIENT" button".
- Turning the breaker off, power outages, and other similar events may render operation of the indoor unit's internal clock inaccurate. Reset the clock. (page 4.)
- If an incorrect setting is made or you accidentally skip a setting item, use the "SHIFT button" to scroll through the setting items until the required setting item is displayed.

MULTI 7 DAY TIMER Operation

This setting can only be undertaken via the main controller only.

The Holiday Mode function allows you to disable the 7 Day Timer scheduling for an extended period of absence, and later allowing you to recover your previous schedule settings.

■ To use MULTI 7 DAY TIMER operation



Press "[7DAY @] button" for at least 4 seconds.



- Each time the button is pressed, the day and program number will shift.
- "M. 7DauTimer" and "□□□□" are displayed on the LCD "/" blinks.

The procedure for setting ON TIMER, OFF TIMER, mode selection and temperature is the same as for SIMPLE 7 DAY TIMER. Refer to steps 2 to 9 of SIMPLE 7 DAY TIMER. (page 10.)



Press "SHIFT button".

• "AdJust Zone?" is displayed on the LCD. "Zone?" blinks.



Adjust Zone?

Press "Zone D button".

 Select the desired zones by using any of the 8 zone buttons.



 The LEDs of selected zones on the remote controller light up green.



Press "SHIFT button".

• "AdJUst Indoor" is displayed on the LCD.



Achiust Indoor

Press " SELSENSOR button".

- Switch the thermistor sensor.
- Switching of thermistor sensor is available only if an optional product is installed, with the exception of master and indoor sensors



Indoor → Sens1 → Sens2 → Master → Sub



Press " FIX SENSOR button".

The thermistor sensor position is fixed.
"□□□□" blinks.





Press " ubutton".

- Press "TDAY Dutton" to enter program 2, if required.
- " / " : blinks.





Press "TEST/EXIT button".

- The timer setting is completed.
- To set the timer for another day of the week, repeat the procedure from **step 1** (page14.) or refer to page 13 "copy mode" if you want to copy settings to another day. To complete the timer setting, press "TESTECT" button". The normal display appears again and "**PROG**" is displayed.



7 DAY TIMER disable (Holiday Mode)

This setting can only be undertaken via the main controller only.

This function will be used when you leave your home for a longer time.

■ To disable 7 DAY TIMER



For SIMPLE 7 DAY TIMER,

Press "TDAY 1 button".

- "5. 7DayTimer" is displayed on the LCD.
 - "/" blinks.





For MULTI 7 DAY TIMER,

Press "TDAY Dutton" for at least 4 seconds.

- "M. 7Da⊌Timer" is displayed on the LCD.
 - "/" blinks.

7DayTimerOff

Press "TDAY DUtton" for at least 4 seconds.

"7DayTimerOff" blinks.



Time 15:30

Press "TEST/EXIT button".

To complete the timer setting, press "TESTIEXT" button". The normal display appears again and "PROG is not displayed.



■ To enable 7 DAY TIMER

 You can exit Holiday Mode and retrieve all scheduled timer settings. (SIMPLE 7 DAY TIMER/MULTI 7 DAY TIMER).

1



For SIMPLE 7 DAY TIMER,

Press " 7 DAY (9) button".

- "ZDauTimerOFf" blinks.
 - "; blinks.



For MULTI 7 DAY TIMER,

Press "[TDAY @] button" for at least of 4 seconds.

- "ZDayTimerOff" blinks.
 - "/" blinks.

2



Press "TDAY D button" for at least of 4 seconds.



If you disabled SIMPLE 7 DAY TIMER,

- "S₌ 7Da⊟Timer" is displayed on the LCD.
 - "/" blinks.



If you disabled MULTI 7 DAY TIMER,

- "™ 7Da⊎Timer" is displayed on the LCD.
- "/ " blinks.

3



Press "TEST/EXIT button".

To complete the timer setting, press "Testrext" button". The normal display appears again and "**PROG** is displayed.

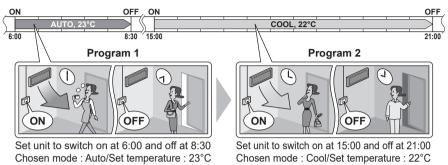


Explanation of the 7 DAY TIMER operation

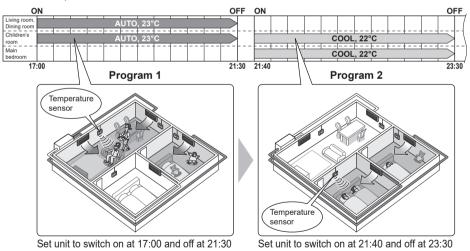
For 7 DAY TIMER operation, two types are provided: simple and multi. Use the desired type according to your lifestyle and situation. You can use this operation as follows.

Case 1

The SIMPLE 7 DAY TIMER can be programmed to start & stop the air conditioning unit twice a day, 7 day a week. Individual modes & temperatures can also be set within each time frame.



Case 2 The MULTI 7 DAY TIMER can be programmed to start & stop the air conditioning unit twice a day, 7 day a week. Individual modes, temperatures, zones & sensor position can also be set within each time frame.



Chosen mode: Cool/Set temperature: 22°C

Chosen zone :Main bedroom, Children room

Chosen temperature sensor: Main bedroom

Chosen mode: Auto/Set temperature: 23°C

Chosen zone: Living, Dinning, Children room

Chosen temperature sensor: Living room

ZONE Control

For ZONE control, select the rooms you wish to heat or cool.

■ To select ZONE

2one1

Press "Zone | button".

- Select the desired ZONE number you wish to
- "Zone1" is displayed on the LCD.



2 Zone1

Press "Zone button" again.

- The selected zone is fixed.
- The LED on the remote controller lights up green.
- When operation is started, air is blown to the selected zone.
- For other zones, use the same procedure for setting.

■ To cancel ZONE selection

Zone1

Press "Zone D button".

- Select the ZONE number for which you wish to switch off
- "Zone1" is displayed on the LCD.



Zone1

Press "Zone button" again.

- The selection is canceled.
- The green LED on the remote controller goes out.
- For other zones, use the same procedure for setting.



NOTE

- Not all the buttons are available, depending on the number of zones installed. If a zone button not corresponding to any zone is pressed, the green LED will not be lit. Zones that are not required must be set up during the commissioning of the controller.
- You can register a name for each zone. For the method of registering, refer to the section of name registration. (page 21.)

TEMPERATURE SENSOR Switching (Option)

You can add up to 2 optional temperature sensors. (For example in the living room, bedroom, and so on.) By switching the detection position of the mounted temperature sensors, you can control the temperature according to the temperature of the selected room.

■ To switch the temperature sensor



Press " sussess button".

- Each time the button is pressed, the sensor detection position will shift.
- "Indoor Sens" is displayed on the LCD.
- Each time the button is pressed, the sensor detection position will shift.

In the case of 2 sensors Indoor Sens ---> Sens1 In the case of 3 sensors Indoor Sens ---> Sens1 ---> Sens2

2		Sens2
	Мо	

Press " FXSENSOR button".

- The selected temperature sensor detection position is fixed.
- To change the temperature sensor detection position, use the same procedure.



 The displayed contents of each temperature sensor vary with the setting item. Check with the following table for the characters.

Temperature sensor position	LCD shown during temperature sensor setting	LCD during 7 DAY TIMER setting
Indoor Unit	Indoor Sens	I melece
Optional sensor 1	Sensi	Sens1
Optional sensor 2	Sens2	Sens2
Master remote controller	Masster RC	Master
Optional sub remote controller	Sub RC	Sub

NOTE

- This function is available only if optional sensors are mounted or Sub controller is connected with the exception of "Indoor Sens" and "Mastler RC" sensor.
- The initial setting is "Incloor Sens".
- The temperature sensor setting can be checked by pressing "sessor button".
- The name of each sensor can be registered. For the method of registration, refer to the section of name registration. (page 21.)

Name registration

This setting can only be undertaken via the main controller only.

You can register a name for each zone and temperature sensor.

When you switch the zone or temperature sensor, the registered name will be displayed.

■ To register the name



Press "SHIFT button" for at least 4 seconds.

- "____Zone1" is displayed on the LCD.
- Each time the " button" is pressed, the display will shift to the next zone.
 - " " blinks.



Press "____, ___ button" to enter a character.







Press "SHIFT button".

- The cursor moves to the next digit.
- Repeat step 2 and step 3 to set the name.





Press " button".

• The setting is fixed and the display shifts to the next zone.

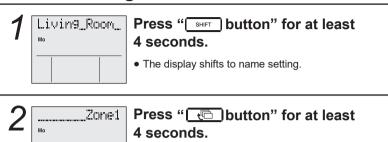


- To complete the name change, press "[TESTIGAT] button". "..." blinks.

Name registration

This setting can only be undertaken via the main controller only.

■ To initialize registered names



• The display returns to the initial state.

Cleaning

■ Filter Cleaning Notice Reset

When the filter becomes dirty with dust, or the system has operated for a predetermined period of time the remote controller will notify you that filter cleaning is required. (Check the filter and see if cleaning is required.)



• The remote controller will display "Filtier" in that case, check the filter to determine if the filter requires cleaning. Return the filter after cleaning.



Press " button" for at least 4 seconds.



• The normal display will appear.

Appendix

Features Table

New Zone controller function		Main Controller	Sub Controller	
User Functions		Power On/Off	✓	✓
	Basic Functions	Temperature Setting	✓	✓
		Fan Speed Setting (3step + Auto)	✓	✓
		Mode(Cool, Heat, Dry, Fan)	✓	✓
		Zone Control (Max 8 Zone)	✓	✓
		On Time (quick set)	✓	-
	Timer	Off Time (quick set)	✓	2.000
	Function	Real Time Clock	✓	(<u></u>
		Schedule Timer (7 day)	✓	<u> 2010</u>
Additional Functions		Error Codes	✓	9 <u>244</u>
		Sensor Selection	✓	✓
		Airside (Advanced Zone Airflow Control)		✓
		Airbase Connectivity (*1)	✓	<u> </u>
		Room Temp Display	5—8	7000
		Filter Clean Reminder	✓	✓
		Filter Sign Reset	✓	-
Installer Functions		Inspection / Test		\$550
		Field Settings	✓	(202
		Use Common Zone	✓	- FR
		Set number of zones	√) 315
Other F	unctions	Free Text Zone Names	✓	=
	(*1) Airbase	and Sub Controller will not v	vork together	r.

DAIKIN AUSTRALIA PTY. LIMITED

62-66 Governor Macquarie Road, Chipping Norton, NSW 2170 Australia Phone: 1300 36 24 38 www.daikin.com.au

DAIKIN AIRCONDITIONING NEW ZEALAND PTY. LIMITED

525 Great South Rd, Penrose, Auckland 6, New Zealand www.daikin.co.nz

DAIKIN INDUSTRIES LTD.

Head office: Umeda Centre Building, 2-4-12 Nakazaki-Nishi Kita-Ku, Osaka 530-8323, Japan

Tokyo office: JR Shinagawa East Building, 2-18-1 Konan Minato-ku, Tokyo 108-0075, Japan http://www.daikin.com/