



# OPERATION MANUAL

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## SCHEDULE TIMER

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MODEL:

**DST301B61**

Thank you for purchasing Daikin's schedule timer.

For proper usage, read this manual carefully before using this unit.

This manual will help you with anything you can not understand or should anything go wrong with the unit during use.

Keep this manual handy for the future reference.

# CAUTION DURING USE

- Do not tamper with the inner mechanism.  
Do not remove the front panel. Tampering the inner mechanism is dangerous and may damage equipment. For inspection and adjustment, ask your DAIKIN dealer.
- Avoid places where the unit may be contacted by water.  
Water penetrating the inner mechanism may cause electrical leakage, or render electric parts defective.
- Do not press the button on the schedule timer with a pointed hard tool.  
This may damage the schedule timer.
- Avoid direct exposure to sunlight.  
Direct sunlight may discolor the LCD and obscure the image.
- Do not wipe the surface of the operation panel with benzene, thinner or chemically treated dust cloth, etc.  
This may cause discoloring or peeling. To clean, moisten a cloth with a neutral cleanser diluted in water, rinse and wipe. Blot adhering water with a dry cloth.
- Never pull or twist the electric wire of the schedule timer.  
It can cause the unit to malfunction.
- Never inspect or service the schedule timer by yourself.  
Ask a qualified service person to perform this work.

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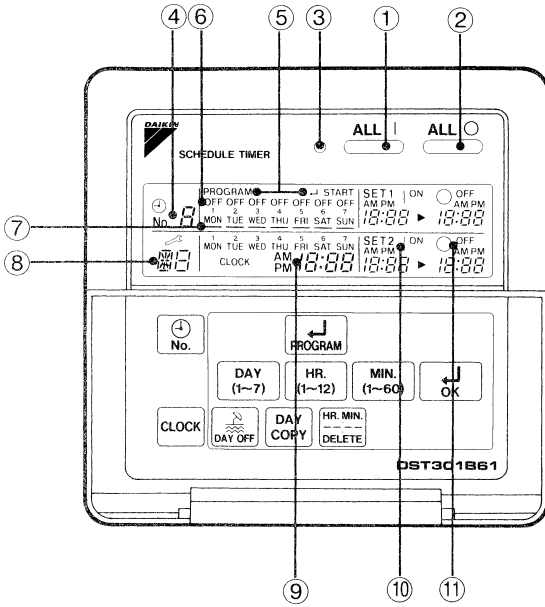
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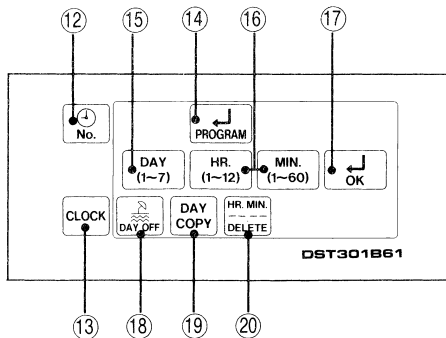
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# FEATURES AND FUNCTIONS

## ■ Operation controlled by programmed time

Operating time and stopping time can be set to the minute by each day of the week. The operating and stopping patterns can also be set in schedule according to the time slot given twice a day in tune with the uses.



See page 6–9.

## ■ Unified Operation/Stop

By using this schedule timer, the unified operation/stop of the indoor unit can be executed manually regardless of the No. of programmed time in operation.



See page 9–10.

## ■ When used in conjunction with central remote controller (Optional Accessory)

The operation controlled by programmed time can be set for up to eight different patterns (timer No. 1 – 8). Each schedule pattern can be also selected.

# NAMES AND FUNCTIONS OF OPERATING SECTION (Fig. 1, 2)

①	<b>UNIFIED OPERATION BUTTON</b> Press this button to perform the unified operation regardless of the No. of programmed time.	⑪	<b>DISPLAY "OFF" (PROGRAMMED TIME OF SYSTEM OFF)</b> Displays the time programmed to stop.
②	<b>UNIFIED STOP BUTTON</b> Press this button to perform the unified stop regardless of the No. of programmed time.	⑫	<b>TIME NO. BUTTON</b> See page 6-9.
③	<b>OPERATION LAMP (RED)</b> The light turns on during the operation of the indoor unit.	⑬	<b>CLOCK ADJUSTING BUTTON</b> Press this button to set the present time.
④	<b>DISPLAY "No. 8" (TIME NO.)</b> Displays the time No. only when used in conjunction with the central remote controller.	⑭	<b>PROGRAMMING START BUTTON</b> Press this button to set or check the No. of programmed time. Press it again after you are through with the program.
⑤	<b>DISPLAY "PROGRAM ← START." (PROGRAMMING START)</b> The light turns on when the timer is programmed.	⑮	<b>BUTTON FOR SELECTING DAYS OF A WEEK</b> Press this button to select the day of the week.
⑥	<b>DISPLAY "OFF" (HOLIDAY SETTING)</b> Lights above the day of the week set as holiday. The operation controlled by timer is not available on that day.	⑯	<b>HOUR/MINUTE BUTTON</b> Press this button to adjust the present time and the programmed time.
⑦	<b>DISPLAY "—" (SETTING OF DAYS OF A WEEK)</b> Flashes below the day of the week programmed.	⑰	<b>TIMER ON BUTTON</b> Press this button to set the present time and the programmed time.
⑧	<b>DISPLAY "E8" (MALFUNCTION CODE)</b> Displays the contents of malfunction during the stop due to malfunction.	⑱	<b>HOLIDAY SETTING BUTTON</b> Press this button to set holidays.
⑨	<b>DISPLAY "16:00 AM 18:00 PM" (PRESENT TIME)</b> Displays the present day of the week and time.	⑳	<b>BUTTON FOR COPYING PROGRAM OF PREVIOUS DAY</b> Use this button to set the No. of programmed time same as that of the previous day.
⑩	<b>DISPLAY "18:00" (PROGRAMMED TIME OF SYSTEM START)</b> Displays the time programmed to start.		<b>PROGRAM CANCELING BUTTON</b> Use this button to set the programmed time to cancel. The display shows "—; — —".

Note) 1: Please note that all the displays in the figure appear for explanation purpose or when the cover is open.

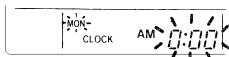
# OPERATION

## SETTING PRESENT TIME (Fig. 3)

(Example) In case of setting Friday, 5:30 p.m.

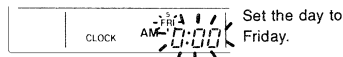
**1** Press the **CLOCK ADJUSTING BUTTON**. The present time display flashes.

Note) • The present time needs adjusting in case of turning power supply on for the first time or the occurrence of power failure over the period of 48 hours or more.



**2** Press the **SELECTING DAYS OF A WEEK BUTTON**. Each time the button is pressed, the day display shifts to the right.

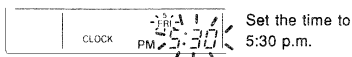
Note) • The display "MON" follows the display "SUN."



**3** Set the time with the **HOUR/MINUTE BUTTON**. Each time the HOUR/MINUTE BUTTON is pressed, the display is put forward minute by minute and hour by hour. When the button is kept pressed, the display is put forward continuously.

Notes) • After becoming "AM 11:00", when the button is pressed, the display becomes "PM 0:00".

- After becoming "59" (minute), when the button is pressed, the display becomes "00" (minute).



**4** Press the **TIMER ON BUTTON** the moment the time signal of TV, radio, telephone, etc. is heard. The mark ":" flashes, and the clock starts.



### Notes)

- The clock used is of 12-hour type.
- When you turn power supply on, the system may display "88" for about one minute and not start to operate after all the liquid crystal displays appear at a time.
- If the **CLOCK ADJUSTING BUTTON** is pressed by mistake, press it again to return to the original state. As the clock does not stop, the time indicated by the clock is kept correct. In case of power failure within 48 hours, the clock keeps operating by utilizing the built-in battery.

## SETTING NO. OF PROGRAMMED TIME (Fig. 4)

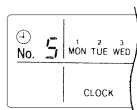
(Example) Time No. 5 (to be programmed only when used in conjunction with the central remote controller)  
Monday to Friday:  
Operating from 8:45 a.m. till 5:00 p.m.  
Operating from 5:15 p.m. till 11:00 p.m.  
Saturday and Sunday:  
Setting the whole day stop operation (application for holidays) controlled by programmed time.

- 1** Press the **PROGRAMMING START BUTTON**. Programming is available.  
The display "PROGRAM L START" appears, and the display of days of a week flashes.

- 2** Press the **TIME No. BUTTON**, and select the desired number .

Note) Unless used in conjunction with the central remote controller, The TIME No. is not displayed and can not be selected.

Select the TIME No. 5.



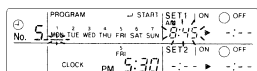
- 3** Press the **BUTTON FOR SELECTING DAYS OF A WEEK**, and set the proper day of the week. Each time you press it, the flashing display of days of a week shifts to the right.



Set to Monday.

- (1) Setting programmed time**

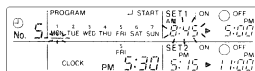
- 4** Set the programmed time of system start 1 by using the **HOUR/MINUTE BUTTON**. Each time the **HOUR/MINUTE BUTTON** is pressed, the display is put forward minute by minute and hour by hour. When the button is kept pressed, the display is put forward continuously.



Set the programmed time of system start 1 at 8:45 a.m.

- 5** Press the **TIMER ON BUTTON**, and set the programmed time of system start 1. Each time you press it, the next area to be set flashes.

Note) Set the other programmed time in the same procedure.



- (2) Set the next day of the week.**

Set the day of the week to Tuesday, and copy the program of the previous day (Monday). In the same procedure, set the day of the week to Wednesday through Friday in sequence.

- 6** Press the **BUTTON FOR SELECTING DAYS OF A WEEK** and set the following day. Press the **BUTTON FOR COPYING PROGRAM OF PREVIOUS DAY**. The same program as that of the immediately preceding day of the week is set.

Note) Repeat each procedure 3 – 5 in the above when not copying the contents of the previous day.

- (3) Holiday setting**

- 7** Press the **BUTTON FOR SELECTING DAYS OF A WEEK** and set one or more days of the week as holiday. Press the **HOLIDAY SETTING BUTTON**, and the display "OFF" is displayed at the top of the day of the week. If you press it again, the display returns to the original state.



Set Saturday and Sunday as holidays.



**1** Press the **PROGRAMMING START BUTTON**, and finish the program setting.

(Notes) • Unless the button is pressed within 20 minutes, the display will automatically revert back to the original state. In this case, setting contents up to the point where the **TIMER ON BUTTON** (or **HOLIDAY SETTING BUTTON** or **BUTTON FOR COPYING PROGRAM OF PREVIOUS DAY**) is pressed will only take effect.

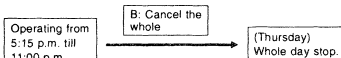
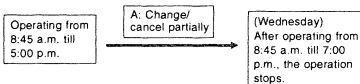
- The display "PROGRAM ↵ START" and the display of days of a week "—" disappears.
- The flashing display goes off, and the No. of programmed time of the present day is displayed. Then the operation controlled by timer starts.
- The operation controlled by timer is executed even while the program is being set.



This is the end of the setting example.

## CHANGE AND CANCELLATION OF NO. OF PROGRAMMED TIME (Fig. 5)

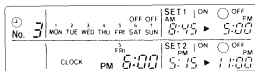
(Example) Time No. 3 (to be set only when used in conjunction with the central remote controller)



**1** Press the **PROGRAMMING START BUTTON**. The program setting is ready. The display "PROGRAM ↵ START" appears,

and the display of days of a week flashes.

**2** Press the **TIME No. BUTTON**, and select the desired No.



Select the time No. 3.

**3** Press the **BUTTON FOR SELECTING DAYS OF A WEEK**, and set the day of the week to be changed. The set No. of programmed time of the day of the week is displayed.



Set the day to Wednesday.

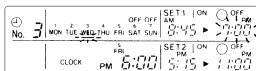
### A. Change/cancel partially

**4** Press the **TIMER ON BUTTON** and change, and the display of programmed time flashes. Each time you press it, the next area to be set flashes.



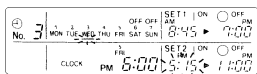
Shift to the display "PROGRAMMED TIME OF SYSTEM OFF."

**5** Press the **HOUR/MINUTE BUTTON** and change the programmed time. Press the **TIMER ON BUTTON**, and finalize the setting of change.

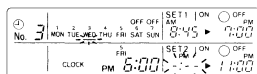


Change the programmed time of system OFF p 1 to 7:00 p.m.

**6** Press the **PROGRAM CANCELING** BUTTON, and cancel the programmed time. If you press it again, display returns to the original state. Press the **TIMER ON** BUTTON to finalize the cancellation.



Shift to the programmed time of system start 2.



Set the programmed time of system start 2 to program cancellation.

In the same procedure, cancel the programmed time of system off 2.

## B. Cancel the whole

**7** Press the **BUTTON FOR SELECTING DAYS OF A WEEK**, and shift to the day of the week to be canceled. Then, press the **HOLIDAY SETTING** BUTTON; the display "OFF" appears at the top of the particular day of the week. The programmed time is canceled. If you press the button again, the display returns to the original state.



Shift the day of the week to Thursday to set as a holiday.

**8** Press the **PROGRAMMING START** BUTTON. The program setting is now finished.

- Notes)
- Unless the button is pressed within 20 minutes, the display will automatically revert back to the original state. In this case, setting contents to the point where the **TIMER ON** BUTTON (or **HOLIDAY SETTING** BUTTON or **BUTTON FOR COPYING PROGRAM OF PREVIOUS DAY**) is pressed will only take effect.
  - To continue the change/cancellation, do not press the **PROGRAMMING START** BUTTON until all change/cancellation are completed.
  - The operation controlled by timer is executed even while the program is being set.

## MANUAL OPERATION (Fig. 6)

This schedule timer enables the operation/stop by pressing the **UNIFIED OPERATION/STOP** BUTTON in addition to the operation controlled by timer (operation/stop according to the programmed time) at any time.

**1** Press the **UNIFIED OPERATION** BUTTON, and the **OPERATION LAMP** turns on.

**2** Press the **UNIFIED STOP** BUTTON, and the **OPERATION LAMP** is turned off.

Notes)

- The operation automatically stops according to the programmed time of system off even during the manual operation. In the meantime, the operation starts automatically according to the programmed time of system start even during the stop of operation.
- If the unit is used in conjunction with other optional controllers for centralized control, the **OPERATION LAMP** of the unit that is not under operation control may be turned on or off a few minutes behind schedule. This shows that the signal is being exchanged, and does not indicate any failure.

#### Operation lamp

- Turn on: The light turns on when any of the indoor units is in operation whether the operation is controlled by timer or by hand.
- Turn off: The light turns off when all the indoor units stop.

## OPERATION CONTROL CODE

Two different types of operation control codes can be selected when this kit is used independently (when not used in conjunction with the central remote controller, unified ON/OFF controller, etc.).

### ■ Individual

In case where the operation/ stop is controlled by both schedule timer and remote controller.

### ■ Centralized

The operation is controlled by the schedule timer alone, and the operation/stop is controlled freely with the remote controller during the programmed time.

#### Notes)

- For current settings, contact your DAIKIN dealer.
- To change settings, contact your DAIKIN dealer.  
Do not change settings yourself.

## ERROR DIAGNOSING FUNCTION (Fig. 7)

This schedule timer is provided with the malfunction diagnosing function. The malfunction code flashes if there occurs any malfunction in communication, etc. between and among the optional controllers for centralized control. In addition, the operation lamp also flashes if there occurs any malfunction in communication with the indoor unit. Check the contents of the display and contact your DAIKIN dealer because the signals give you the idea of the trouble area.

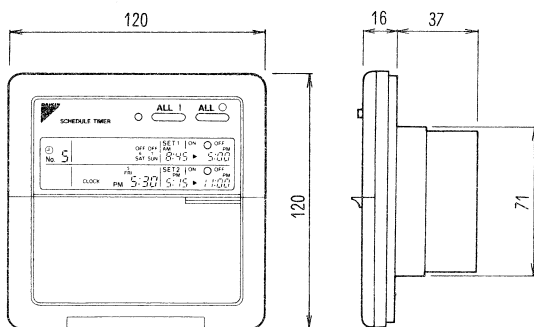
Operation lamp	Malfunction code	Contents of malfunction
Turn off	M1	Failure of PC board of schedule timer.
Turn on or off	M8	Malfunction of transmission between each optional controllers for centralized control.
Turn on or off	MA	Improper combination of optional controllers for centralized control.
Turn on or off	MC	Address failure of schedule timer.
Flash	UE	Malfunction of transmission between indoor unit and optional controllers for centralized control.
Flash	—	Malfunction in indoor unit (Refer to the malfunction codes of the indoor remote controller, while also read the "CAUTION FOR SERVICING" attached to the indoor unit.)

# SPECIFICATIONS

## ■ SPECIFICATIONS

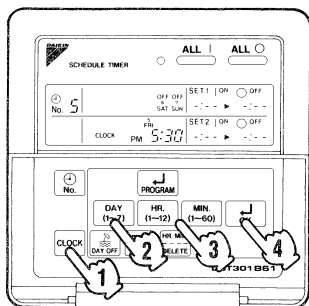
Display of time	12-hour digital display
Clock cycle type	Quartz clock type
Clock accuracy	Within $\pm 30$ sec./month (environmental temperature from 15°C to 35°C)
Timer programming	Two pairs of programmed time for both system start and system off can be set in units of minute for each day of the week
Power failure compensation time	Approximately 48 hours for a single occurrence of power failure (clock with No. of programmed time)
Size	120(W) x 120(H) x 53(D) mm (Width/Height/Depth)
Weight	Approximately 210g

## ■ OUTLINE DRAWINGS

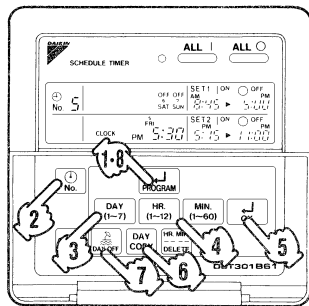


Specifications and appearance subject to change without notice.

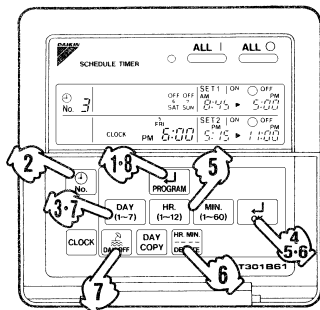
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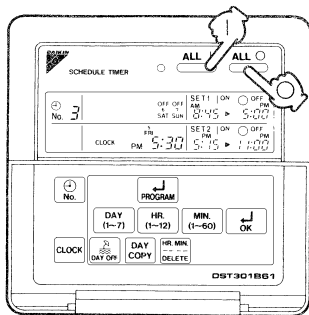
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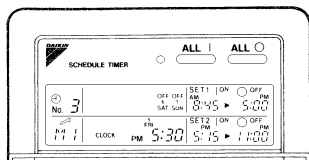
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