

Компания Полель - официальный
дистрибьютор **SANYO**

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Кондиционеры
Сплит-системы
Полупромышленные кондиционеры
Мультizonальные **VRF** системы кондиционирования
Чиллеры

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Product Information

If you have problems or questions concerning your Weekly Timer, you will need the following information.

Model No. TM-WBGN

Date of purchase _____

Dealer's address _____

Phone number _____

DECLARATION OF CONFORMITY

This product is marked «» as it satisfies EEC Directive No. 89/336/EEC, 73/23/EEC and 93/68/EEC.

This declaration will become void in case of misuse and/or from non observance though partial of Manufacturer's installation and/or operating instructions.

Alert Symbols

The following symbols used in this manual alert you to potentially dangerous conditions to users, service personnel or the appliance:



This symbol refers to a hazardous or unsafe practice which can result in severe personal injury or death.



This symbol refers to a hazardous or unsafe practice which can result in personal injury or product or property damage.

Features

- The weekly timer is used, connected to standard remote controller (RCS-SH80TG, RCS-SR8BG), and system controller (SHA-KC64TG, SHA-SC8BG).
- ON/OFF can be easily set 3 times a day, in units of 1 minutes, in conversation mode. Program reservation of 1 week can be also easily set.
- Operation reservation can be temporarily cancelled using “cancel button” without changing the program.
- The 24-hour display shows the current time, day, and the details of operation during program execution.
- The output can be forcibly turned ON, without changing the program.
- A built-in back up function memorizes the program reservation, providing back up against power failure.

Installation Location

- We recommend that this weekly timer be installed properly by qualified installation technicians in accordance with the Installation Instructions provided with the weekly timer.



WARNING

- Do not install this weekly timer where there are fumes or flammable gases, or in an extremely humid space such as a greenhouse.
- Do not install the weekly timer where excessively hot heat-generating objects are located.

Electrical Requirements

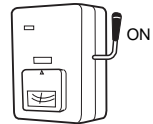
1. All wiring must conform to local electrical codes. Consult your dealer or a qualified electrician for details.
2. Wiring must be done by a qualified electrician.



CAUTION

To warm up the system, the power mains must be turned on at least five (5) hours before operation. Leave the power mains ON unless you will not be using this appliance for an extended period.

Power mains



Safety Instructions

- Read this booklet carefully before using this air conditioner. If you still have any difficulties or problems, consult your dealer for help.
- This air conditioner is designed to give you comfortable room conditions. Use this air conditioner only for its intended purpose as described in this Instruction Manual.



WARNING

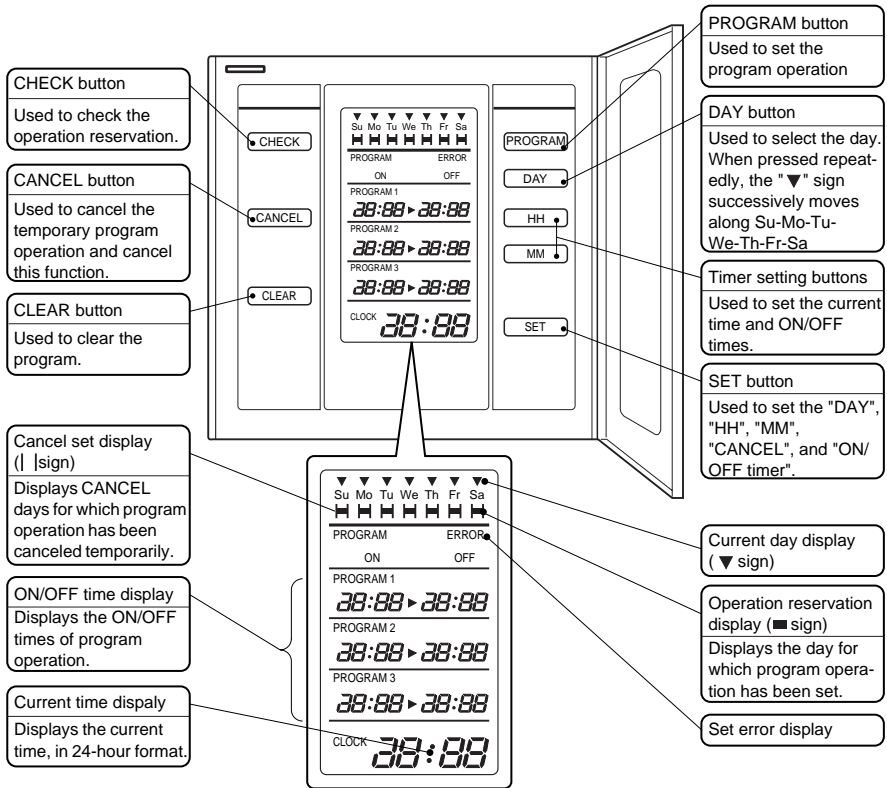
- Never use or store gasoline or other flammable vapors or liquids near the air conditioner — doing so is very dangerous.
- This air conditioner has no ventilator for taking in fresh air from outdoors. You must open doors or windows frequently when you use gas or oil heating appliances in the same room, which consume a lot of oxygen from the air. Otherwise there is a risk of suffocation in an extreme case.



CAUTION

- Do not turn the air conditioner on and off from the power mains switch. Use the ON/OFF operation button.
- Do not stick anything into the air outlet of the air conditioner. Doing so is dangerous because the fan is rotating at high speed.
- Do not let children play with the air conditioner.
- Do not cool or heat the room too much if babies or invalids are present.

Names of Parts

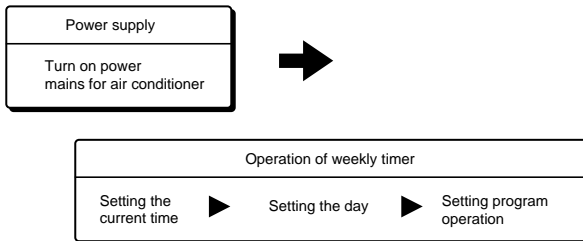


Operation

EG

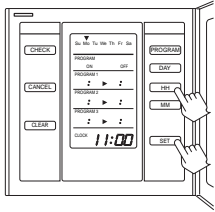
NOTE

To warm up the system, the power mains must be turned on at least five (5) hours before operation.



(1) Setting the current time

- Set the current time. (Ex: When the current time is 11 hrs. 45min.)
- ① Holding the SET button pressed, press the HH button and adjust the current time.

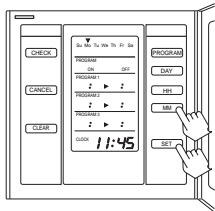


- When the HH button is pressed every time while holding the SET button pressed, the hour is successively counted.

0 → 1 → ... → 10 → ... → 23 → 0

- When the HH button is held pressed while holding the SET button pressed, the hour is fast fed.
(Ex: To set the hour at 11 hours, release the button at 11).
- When the SET button is released, the hour is set and it changes from flashing to ON.

- ② Holding the SET button pressed, press the MM button and adjust the current time.



- When the MM button is pressed every time while holding the SET button pressed, the minute is successively counted.

00 → 01 → ... → 58 → 59 → 00

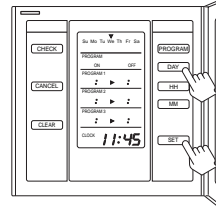
- When the MM button is held pressed while holding the SET button pressed, the minute is fast fed.
(Ex: To set the minute at 45 minutes, release the button at 45).
- When the SET button is released, the minute is set and it changes from flashing to ON.

Notes :

- The time cannot be changed by pressing only the HH and MM buttons.
- If the DAY, HH or MM button is not pressed while it is flashing, the original display (regular display) is automatically restored after lapse of 30 seconds.
Repeat the operation from the beginning.

(2) Setting the day

- Set today's day. (Ex: On Wednesday)
- ① Holding the SET button pressed, press the DAY button and adjust the today's day.



- When the DAY button is pressed while holding the SET button pressed, the current day display "∞" starts flashing and the day successively changes as follows.

∇...∇...∇...∇...∇...∇...∇...∇...∇...∇...∇...∇...
Su Mo Tu We Th Fr Sa

The day is set as soon as the SET button is released, and it changes from flashing to ON.

Notes :

- The day cannot be changed by pressing only the DAY button.
- If the DAY, HH or MM button is not pressed while it is flashing, the original display (regular display) is automatically restored after lapse of 30 seconds.
Repeat the operation from the beginning.

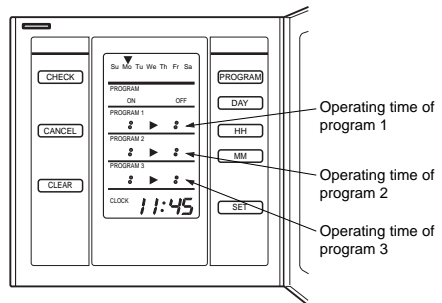
(3) Setting program operation

The program operation can be set up to 3 cycles per day (only 1 or 2 cycles can be also set).

The following points can be set in program operation.

- Setting the ON → OFF times (ON only cannot be set).

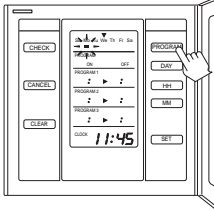
Display of program operation, and its names



Ex: To set the program operation of Monday at the following times.

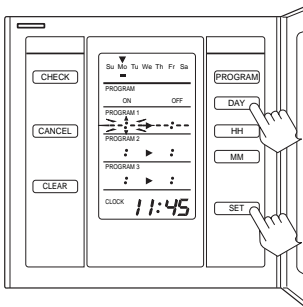
From 8:00 to 12:00
From 12:40 to 16:50
From 17:00 to 19:00

- At first, press the program button.



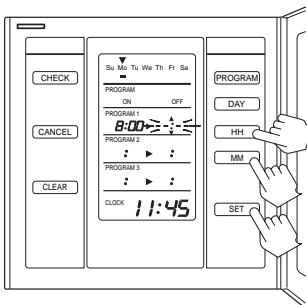
• The operation reservation display “■” starts flashing as soon as the program button is pressed.

- Select the day of program operation by pressing the DAY button, and press the SET button.



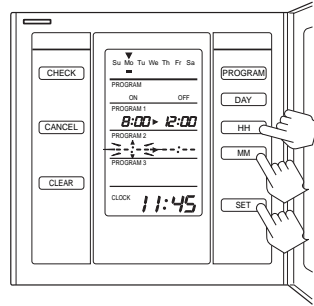
The reservation operation display “■” changes from flashing to ON state as soon as the SET button is pressed, and the ON time of program 1 starts flashing at the same time.

- Set the ON time by pressing the HH and MM buttons, and press SET button.



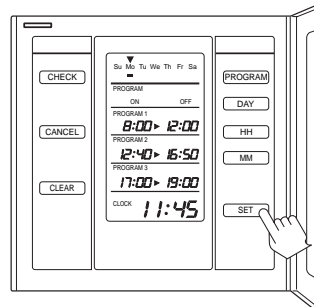
As soon as the SET button is pressed, the ON time (8:00 in the example) changes from flashing to ON state, and at the same time the OFF time of program 1 starts flashing.

- Set the OFF time by pressing the HH and MM buttons, and press SET button.



As soon as the SET button is pressed, the OFF time (12:00 in the example) changes from flashing to ON state, and at the same time the ON time of program 2 starts flashing.

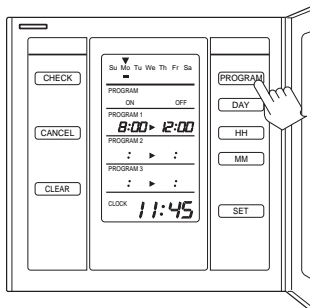
- Next, set the operating times of programs 2 and 3.



As soon as the SET button is pressed after setting the OFF time of program 3, the OFF time (19:00 in the example) changes from flashing to ON state, and at the same time the ON time of program 1 starts flashing.

EG

- ⑥ Finally, press the PROGRAM button.
After setting, press the PROGRAM button within the next 30 seconds.



This completes the setting of program operation on 1 day (Monday, in the example). The ON/OFF display appears, if the current time is within the set times. (In this state, the ON/OFF times of program 1 are displayed, because the current time is within the set times.)

- ⑦ Set the program operation of other day in the same way by following the above steps ① to ⑥. At this time, if the day's operating time is the same as that of already set another day, refer to the item "Copying the program operating time".

Notes :

- Setting of program time 0:00 is treated as 24:00.
Ex: Following program time can be set.

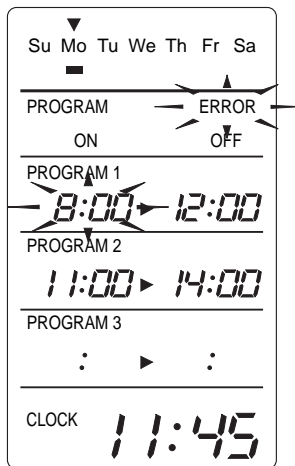


- If the DAY, HH or MM button is not pressed while it is flashing, the original display (regular display) is automatically restored after lapse of 30 seconds. Repeat the operation from the beginning.

(4) Set error

If the "ERROR" starts flashing at the time of setting program operation, correct the time in the following way.

- ① When the "ERROR" starts flashing, the ON time of error generated program also starts flashing.



- ② Press the SET button, and make the time to be corrected flashing.
③ Revise the ON/OFF time using the HH and MM buttons.
④ Press the SET button.
If the time is correctly set, the error display disappears.
⑤ Complete the revision by pressing the PROGRAM button.

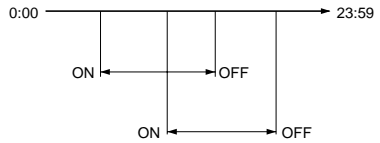
Notes :

- "ERROR" is displayed, if the ON/OFF times are set as follows.

(1) If the operating times overlap

Ex:

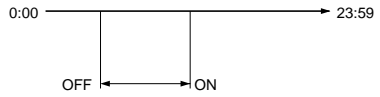
ON OFF
8:00 ▶ 12:00
11:00 ▶ 14:00



(2) If the OFF time is earlier than the ON time

Ex:

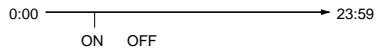
ON OFF
12:00 ▶ 8:00



(3) If the ON and OFF times are the same

Ex:

ON OFF
8:00 ▶ 8:00



(4) If only the ON or OFF time is set

Ex:

ON OFF
8:00 ▶ Not set

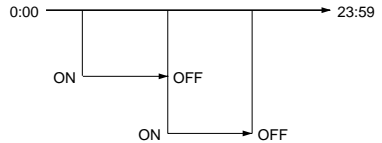


- Set error is not generated in the following cases

(1) If the OFF time of previous cycle and the ON time of next cycle are the same

Ex:

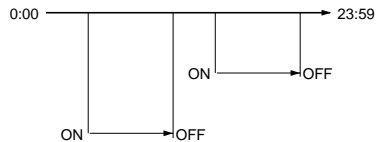
ON OFF
8:00 ▶ 12:00
12:00 ▶ 19:00



(2) If the time band of next cycle is earlier than that of the previous cycle

Ex:

ON OFF As soon as PROGRAM button is pressed, the time bands becomes rearranged in the early order. ON OFF
12:40 ▶ 16:50 **8:00 ▶ 12:00**
8:00 ▶ 12:00 **12:40 ▶ 16:50**



(3) If both the ON and OFF times are 0:00

Ex:

ON OFF The air conditioner will enter the 24-hour-continuous operation mode.
0:00 ▶ 0:00

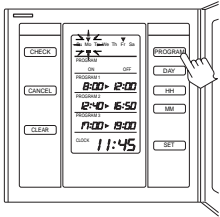


(5) Copying the program operating time

At the time of setting program operation, if the operating time to be set is the same as that an already set another day, it can be copied here.

Ex: To copy the operation of Monday at the Operation of Tuesday

- ① Press CHECK button while in the state of regular display.
- ② Press DAY button, and bring the operation reservation indicator "■" at the day (Mon. in the example) whose program operation has been already set.
- ③ Press the PROGRAM button.

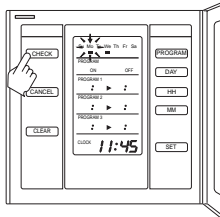


Current day indicator "▼" and operation reservation indicator "■" start flashing.

- ④ Press DAY button, and bring the operation reservation indicator "▼" at the day (Tue. in the example) whose program operation is to be set. (To copy continuously, press the SET button, then press the DAY button, and repeat the process).
- ⑤ Press the PROGRAM button. The operation reservation indicator "■" turns ON below the copied day.

(6) Checking the program operating time

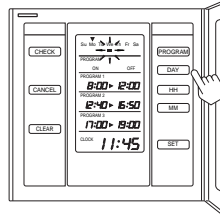
- ① Press CHECK button.



Ex: To check the program operating times of Wednesday, on Monday

- The operation reservation indicator "■" starts flashing, beginning from the state of regular display.

- ② Press DAY button, and bring the operation reservation indicator "■" at the day to be checked.



- Every time the DAY button is pressed, the operation reservation indicator "■" starts flashing, and the operation times of the day where the operation reservation indicator "■" is located are displayed.

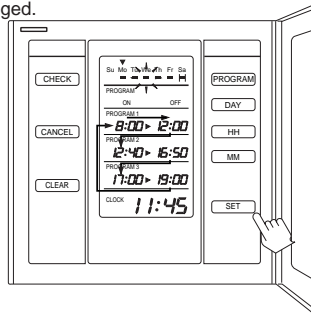
- ③ Press CHECK button. Regular display is restored.

Notes :

1. If a button other than the DAY, CHECK, and PROGRAM is pressed while checking, the display does not change.
2. While checking, if 30 seconds elapse without pressing of the DAY, CHECK or PROGRAM button, regular display is automatically restored.

(7) Changing the program operating time

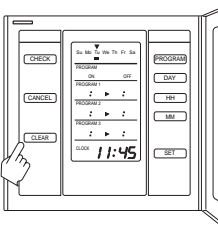
- ① Beginning from regular display, press the PROGRAM button.
- ② Press DAY button, and bring the operation reservation indicator "■" at the day to be revised.
- ③ Press SET button.
- ④ Pressing SET repeatedly moves the flashing position in the following order. Adjust it at the time to be changed.



- ⑤ Change the time with the HH and MM buttons.
- ⑥ Press SET button.
- ⑦ Finally, complete the revision by pressing the PROGRAM button.

(8) Clearing a program operation

- Clearing the program of the day



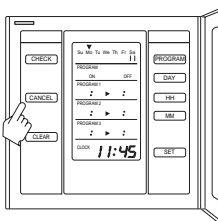
- ① Press PROGRAM button.
- ② Press DAY button and bring the operation reservation indicator "■" at the day to be cleared.
- ③ Press CLEAR button. The program times disappear.
- ④ Press PROGRAM button. The operation reservation indicator "■" disappears.

- Clearing a part of the program

- ① Press PROGRAM button.
- ② Press DAY button and bring the operation reservation indicator "■" at the day whose part of the program is to be cleared.
- ③ Press SET button.
- ④ Press SET button once again, and make the ON or OFF time of the program to be cleared flash.
- ⑤ Press CLEAR button. Part of the program disappears, and at the same time the remaining programs automatically get rearranged.
- ⑥ Press PROGRAM button.

(9) Cancelling the temporary program operation

- Operation reservation in unit of days can be temporarily cancelled, using CANCEL button. This function is especially convenient when you will be away for a few days, such as over a holiday or vacation.



- ① Press the CANCEL button. The cancel set indication "||" starts flashing.
- ② Press the DAY button, and bring the cancel set indicator "||" at the day which is to be set as a cancel day.
- ③ Press SET button. The cancel set indicator "||" changes from flashing to ON state (■).

- Cancelling a set cancel day

- ① Press the CANCEL button.
- ② Press the DAY button, and bring the cancel set indicator "||" at the day which is to be cancelled as a cancel day.
- ③ Press SET button. The cancel set indicator "||" disappears, and the display changes over to operation reservation display (■).

- Description of operation

The operation is temporarily cancelled on the day which is set as a cancel day, but on the following day the cancel set indicator "||" disappears automatically and operation reservation indicator "■" is restored.

Note :

- The day for which no program has been set cannot be set as a cancel day.

(10) Others

Some Information on This Weekly Timer

1. Power Failure

Even when power failure occurs, the display can be kept as previous state and preset programmed operation can be reactivated once power resumes.

2. Operations of the Weekly Timer and Air Conditioner

The air conditioner fitted with a weekly timer is operated with either a remote controller or with a weekly timer.

① Operation pattern of 1 day (static signal)

Example

