

Operating Instructions Timer Remote Controller Model No. **CZ-RTC4**





Installation Instructions Separately Attached.

ENGLISH

Before operating the unit, read these operating instructions thoroughly and keep them for future reference.

Panasonic Corporation 1006 Kadoma, Kadoma City, Osaka, Japan WEB-ACXF55-19701-EN F0515-20921 CV6233317557 85464609293021 Thank you for purchasing the Panasonic timer remote controller.

- Read the Operating Instructions carefully for safe use. This manual describes the Operating Instructions of the timer remote controller. Read this manual as well as operating instructions supplied with indoor units and outdoor units.
- Be sure to read the "Safety Precautions" (P.3, 4) before using.
- Keep this manual with operating instructions supplied with indoor units and outdoor units in a safe place.
- Be sure to keep this manual in a place easily accessible by users. In the case of user change, be sure to give this manual to the new user.

NOTICE

The English text is the original instructions. Other languages are translation of the original instructions.

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Safety Precautions



WARNING

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



Matters to be observed



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



Prohibited matters



Do not use this appliance in a potentially explosive atmosphere.

In case of malfunction of this appliance, do not repair by yourself. Contact the sales or service dealer for repair.

In case of emergency, remove the power plug from the socket or switch off the circuit breaker or the means by which the system is isolated from the mains power.



- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance. <for European market only> This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
 - Do not operate with wet hands.
 - Do not wash with water.

Safety Precautions

Note:

- This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
- This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
 - Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/TV technician for help.
- FCC Caution: To assure continued compliance, follow the attached installation instructions. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Part Names

Control panel



1 Operation indicator

Illuminates during operation. Blinks during alarm.

2 Start/Stop button

Starts/Stops operation.

3 Fan speed

Changing the fan speed.

4 Swing/Air direction

Use this button to set the auto swing or air direction to a specific angle.

5 Unit select

When more than one indoor unit is operated by one remote control unit, this button is used to select a unit when adjusting the air direction.

6 Sleeping

7 Ventilation

Use this button when you installed a fan available in the market. Pressing this button turns on and off the fan. When turning off the air conditioner, the fan will be also turned off.

8 Filter reset

Use this button to reset the filter sign. When \boxplus is displayed, press this button after cleaning the filter.

9 Timer setting buttons

10 Remote control sensor

Normally, the temperature sensor of the indoor unit is used to detect the temperature. However, it is also possible to detect the temperature around the remote control unit.

11 Mode select

Pushing this button selects an operation mode.

12 ECONAVI

Use this button to turn on/off the ECONAVI Function.

13 Temperature setting buttons

Changing the temperature setting.

Part Names



- 1 Displayed if the selected feature was disabled during installation.
- 2 Displayed when a mistake is made during timer setting.
- 3 Appears when the timer program is being set.
- 4 Indicates today's day of the week.
- 5 Displayed when the timer has been turned OFF.
- 6 Timer program indication
 I: The indoor unit starts operation at the programmed time.
 I: The indoor unit stops operation at the programmed time.
- 7 Displays the present time on a 24-hour clock. Also, displays settings in the various setting modes.
- 8 Appears when the time program is being set.
- 9 Indicates the unit No. of the selected indoor unit.
- **10** Appears during the peak cut mode (Demand) if an electric heat pump (EHP) air conditioner is used or during standby if a gas heat pump (GHP) air conditioner is used.
- 11 Appears when the fan of the indoor unit is stopped or in low fan speed.
- 12 The engine oil needs to be replaced. (Only when using a gas heat pump air conditioner.)
- 13 Appears when the maintenance function (monitoring sensor temperatures) is activated.
- 14 The indoor unit filter needs to be cleaned.
- **15** Appears during the sleeping function.
- 16 Appears when a fan available in the market is installed and is operating.
- 17 Switching operation modes is prohibited. (Switching to Auto mode is also prohibited.)
- 18 Remote control operation is restricted by a central control device.
- 19 Appears when the remote control sensor is used.
- 20 The selected fan mode is displayed.
- 21 Appears while in test operation.
- 22 Indicates the flap position.
- 23 Indicates the set temperature.
- 24 Appears during the outing function.
- 25 Displays the selected operation mode. (AUTO ♠ /HEAT 藥 /DRY ♦ /COOL 舉 /FAN \$)
- 26 Appears when ECONAVI is being set to ON.
- 27 When inspection is required.
- 28 Appears with displaying 27 if there is a problem on ECONAVI.

Basic Operations

How to Operate

Turn on the indoor unit before operation. See operating instructions of the indoor unit.

Start/Stop operation / Operation mode

- 1. Press [Start/Stop] to start operation.
- 2. Press the mode select button to select the mode among AUTO ⓐ, HEAT , DRY ♢, COOL and FAN \$.

* Auto: The mode is automatically switched to Cool or Heat to achieve the set temperature.



 ∇

ECONAVI @#A

PROGRAM

TIME

(h)

UNIT

CANCEL

F-1

€<u>/</u>£

Set temperature

Press $[\nabla I \triangle]$ to set the desired temperature. Cannot be set in Fan mode.

Temperature -

Fan speed



Flap

Press the flap button to adjust the flap position.



Note

- If the heating performance is insufficient in Low **\$** fan speed, change the fan speed to Medium **\$** or High **\$**.
- The temperature range that can be set varies depending on the model.
- Temperature sensor detects temperature in the vicinity of the air inlet of the indoor unit. The detected temperature slightly differs from the room temperature depending on the installation condition. The set temperature is a guideline of room temperature.

Basic Operations

Setting the Present Time

Press and hold [SET] for more than 2 seconds to enter the present day and time setting mode.

Once you enter the setting mode, "SETTING", "▼"(day) and "time" flash.

Set "▼" to today's day of the week.

Press [**A**] to move " $\mathbf{\nabla}$ " (flashing on the display) in the order of: Su \rightarrow Mo \rightarrow Tu \rightarrow Press [$\mathbf{\nabla}$] to move it in the order of: Su \rightarrow Sa \rightarrow Fr \rightarrow Press [SET] to store.



Press [▼/▲] to change the present "hour" in the range of 0 to 23*1.

Set the present hour and press [SET]. The "hour" digits light up, and the "minute" digits start flashing.

*1 If the clock uses the 12 hours AM/PM setting, the hour is displayed in the range of AM 1 to 12 / PM 1 to 12.

4

2

Press [V] to change the present "minute" in the range of 0 to 59.

Set the present minute and press [SET]. The day and time are set and the unit finishes the setting mode.

Note

● If the present time is invalid, "--:--" is displayed. If the power failure occurs, check if the set data of day and time are valid.

Checking the Weekly Timer

 Set the weekly program assigning a given timer to each day of the week. Maximum of 6 programs a day and 42 programs a week can be set. Select the day and the TIMER number you want to program.

Press [PROGRAM] to enter the program confirmation mode "[] #" and start setting.

Once you enter the program confirmation mode, the present day is indicated as TIMER No. "1".



Select the day.

Press $[\mathbf{V} / \mathbf{A}]$ to move the " \mathbf{v} " horizontally on the day to select. Press $[\mathbf{A}]$ to move " \mathbf{v} " (flashing on the display) in the order of: Su \rightarrow Mo \rightarrow Tu.... Press $[\mathbf{V}]$ to move it in the order of : Su \rightarrow Sa \rightarrow Fr.... "- : - -" is displayed when the program is not set. Press [SET] to fix the day.





Select a Timer number.

Press $[\nabla/A]$ to select a TIMER No. from 1 to 6.

Press $[\blacktriangle]$ to move up from 1.

Press [▼] to move down from 6.

Changing the Program Timer

To set the weekly program, follow the steps.

- Select the program you want to set in the program confirmation mode, and press [SET]. This enters the setting mode of the program currently displayed.
 - * In the program setting mode, [SETTING], "hour". "minute" and "item" flash on the display.
- Set the "hour". (Program step 1) 2 Press [▼/▲] to set the "hour". Confirm the "hour" and press [SET]. This enters the program changing mode PP (setting of the "minute").
- Set the "minute". (Program step 2) 3 Press $[\nabla/A]$ to set the "minute". Confirm the "minute" and press [SET]. The unit enters **P** (the program pattern selection mode).



Δ

1/2/3/4





Program step2







Set the program pattern. (Program step 3)

There are 4 program patterns.

Pressing $[\nabla/A]$ repeats the following display patterns.



For Pattern 3 and Pattern 4: Press $[\nabla/\Delta]$ to change the temperature setting.

Select the program pattern and press [SET].

The program timer setting is confirmed and the unit enters the confirmation mode [H].

Note

- If you press [CANCEL] during the setting, it returns to the program confirmation mode.
- If there is no operation made for 10 minutes during the setting, it returns to the normal mode.

In this case, all the settings in progress will be invalid.

Deleting the Program Timer

To delete the program timer setting, follow the steps below.

- Press [PROGRAM] to enter the program confirmation mode.
- **2** Press [V/A] to select the day of the program you want to delete.

Press [SET] to fix the day.

- **3** Press [▼/▲] to select a TIMER No. (from 1 to 6).
- **4** Press [SET] to display the program setting mode \vec{F} *f*.
- **5** Press [DELETE] to delete the program.



Note

- After deleting, the unit returns to the program confirmation mode [].
- If you press [CANCEL] during the setting, the unit returns to the program comfirmation mode.
- If there is no operation made for 10 minutes during the setting, the unit returns to the normal mode.

Invalidating the Program Timer

If you want to stopping the program operation for more than 1 week, you can invalidate all the timer settings.

Once the timer settings are invalidated, the program will not be operated until the invalidation is cancelled.

How to invalidate the program timer

1. Press and hold [CANCEL]([TIMER OFF]) for more than 2 seconds. [TIMER OFF] is displayed and the programs will be invalidated from the next one.



How to cancel the program timer invalidation

1. Press and hold [CANCEL]([TIMER OFF]) for more than 2 seconds. [TIMER OFF] disappears and the programs will be validated from the next one.



■ If Power Failure Occurred

If the power recovers in a short time period, the program after the recovered time will be valid.

If more than one hour has passed for power return after power failure, the present time information will be lost. In this case, the program will not be operated.

Duplicating the Program Timer

You can duplicate the preset program by day.

- Select the copy source.
- If [PROGRAM]([COPY]) is pressed in program checking mode <u>i</u> <u>H</u>, it enters the copy mode (Selecting the copy source <u>i</u> <u>I</u>) of the program timer.

While in the copy mode of the program timer, [SETTING] and \checkmark (day) of the copy source flash on the display.



2 Press [V/A] to select the day of the copy source.

Select the copy destination.

- 3 If [SET] is pressed in the mode of selecting the copy source $\underline{\zeta}$ *l*, it enters the copy mode (Selecting the copy destination $\underline{\zeta} \ \underline{\zeta}$) of the program timer.
- Press [▼/▲] to select the day of the copy destination. Then, press [SET] to complete copying and return to the program checking mode.





Note

The program will be overwritten if the preprogrammed day is selected as a copy source.

Before Asking Repair Work

Before asking repair work, please check the following.

Trouble	Possible Cause/Remedy
"ERROR" is displayed when the minute digits are entered.	If there is another TIMER No. which has the program of the same time and same day, you cannot overlap the setting.
The set data is not stored.	The stored programs are automatically sorted by the time. Check if the data is stored in the other TIMER No.
Program does not	Check if the time indication is not " $:$ ". When the time is invalid, the program is also invalid.
function.	Check the remote controller prohibition inside. In that case, the program is invalid.

Outing Function

Outing function is a function that prevents the room temperature from increasing too much (or decreasing too much) when no one is in the room. An air conditioner works automatically if this function is set effective.

General Performance of the Outing Function



[Precautions]

• The outing control only starts/stops the air conditioner. It does not change the operation mode/temperature setting.

Therefore, the operation mode/temperature needs to be set beforehand so that the outing function turns on the air conditioner with your desired operation mode/ temperature setting.

- If the room temperature rapidly changes, the room temperature may get over the upper or lower limit when the outing function is activated.
- The outing function is invalid during FAN/AUTO operation mode.
- The air conditioner's stop order (stated in ② / above) is valid only when the outing function is operated.

If operated using other remote control unit (or a centralized control device such as a system control), the outing function does not work.

Outing function indication

Outing function indication	Status
Off	The outing function is not set.
Flashing 😰	The outing function is now being set or under operation.
Lighting 😰	Although the outing function is set, it is not under operation.

Note

A remote controller may lose outing function operation information when it is cut for more than 24 hours during the outing function operation by electricity. It reverts from the blackout, and an air conditioner does not drive in outing function when operation is started. At this time, an air conditioner does not stop at outing function.

Outing Function

Setting the Outing Function

Press and hold [Ventilation] for more than 2 seconds to display the upper limit temperature setting screen.

> [SETTING], 1, \blacksquare and the upper limit temperature start flashing. (The default value of the upper limit temperature is 38 °C.)

- 2 Press [∇/△] to select the upper limit temperature, and press [SET] to fix the value. The lower limit temperature setting screen is displayed.
- Press [▽/△] to select the lower limit temperature, and press [SET] to fix the value. The outing function setting is completed.

(The default value of the lower limit temperature is 10 $^\circ\text{C.})$





* The unit returns to the normal mode if [CANCEL] is pressed or there is no operation made for 3 minutes during the setting. In this case, all the settings in progress will be lost.

Canceling the outing function

1. Press and hold [Ventilation] for more than 2 seconds while the outing function is set.



Sleeping Function

This function leads you to a comfortable sleep and changes the room temperature during your sleep.

• You can set the off timer every one hour from 1 to 10 hours.

Display of remote control unit (during the time setting)



In case the present time is 23:00.



Display of remote control unit (during sleeping function setting)



* If no operation is made for 3 minutes, the time setting mode will be automatically finished.

Ex. In case of 7 hours timer



Press [Sleeping].

• Each time the button is pressed, the indication changes in the following order.

→ ไ∦ → ≦∦ → ... → ĺ ↔ ĺ ∠́ [́ / → ... → Ḗ / -(every one hour)

(Press [CANCEL] to stop the time setting.)

Press [SET].

· The sleeping operation starts.



When the off time comes:

- · The indoor unit stops.
 - * The temperature returns to the setting at the time when sleeping function operation started.

To cancel the sleeping function operation

1. Press [Sleeping].

* The temperature setting remains at the time cancelled.



The following buttons also cancel the sleeping function operation.
 [Start/Stop] button
 Stops the indoor unit after the sleeping function operation is cancelled.
 [Mode select] button
 Changes the operation mode after the sleeping function operation is cancelled.

■ If [Sleeping] button does not work.

Or, in the case of operation not being started even if [SET] is pressed.

Check the following table.

Item	Display of the remote control unit (Lighting/flashing indication)	Contents	
1	ERROR The Error indication flashes (for several seconds).	The clock is not set.	
2	S "This function is not available" indication lights up (for several seconds).	When the operation mode is set to AUTO or FAN, this function is not available.	
3	d [⊡] Centralized control indication flashes (for several seconds).	The centralized control device is prohibited from starting/stopping the unit or changing the temperature setting.	

The sleeping function operation will be cancelled in the following cases:

- 1: When the unit is operated to stop or change the temperature setting by the other remote control unit or centralized control device.
- 2: When the unit is operated to stop or change the temperature setting with the weekly program function / outing function.
- 3: When the centralized control unit is prohibited from stopping the unit or changing the temperature setting.

\bigcap	Note	

Trouble	Possible Cause/Remedy
The temperature setting does not decrease (increase).	The temperature over the upper or lower limit or each operation mode cannot be set.
Operation under the sleeping function does not finish.	Note if you change the time after the sleeping function started. The operation does not finish until it reaches to the set starting time.

ECONAVI Function

This function is available by attaching an optional ECONAVI sensor.

The ECONAVI sensor detects human activity and conserves energy based on the activity level.

Overview of the ECONAVI function

High activity	 Cooling: Target temperature is the same as the set temperature. Heating: Target temperature is 1 °C lower than the set temperature.
Low activity	 Cooling: Target temperature is 1 °C higher than the set temperature. Heating: Target temperature is the same as the set temperature.
No one in the room * When the sensor detects movements in the room which have been empty, it will resume operation to match with the activity level.	 No one in the room for 20 minutes Cooling: Target temperature is 2 °C higher than the set temperature. Heating: Target temperature is 2 °C lower than the set
	temperature. No one in the room for 3 hours • Cooling: Cooling will stop and the unit will be in fan only mode. • Heating: Heating will stop and the unit will be in fan only mode.

Note

- Even when target temperature is changed through the ECONAVI function, the set temperature shown in the remote controller does not change.
- Even when Cooling/Heating is changed to Fan through the ECONAVI function, the operation mode shown in the remote controller will still be Cooling/Heating.
- It is possible to choose from the following options for the operation to be performed after a lapse of 3 hours since the room has been empty.
 - · Operates in the Fan mode only.
 - · Stops and resumes operations after human movements are detected.
 - · Stops and will not resume operations even after human movements are detected.
 - · Continues to operate in the current mode.

If you need to do so, please contact the dealer.

ECONAVI Function

ON/OFF setting of ECONAVI function

Using the remote controller, you can switch the ECONAVI function ON/OFF.



* When ECONAVI is enabled, ECONAVI will appear.

2

Press [ECONAVI] to OFF.

* When the indoor unit is stopped,



Note

- Turn the ECONAVI function OFF if:
 - You want to maintain the room temperature at a set temperature.
 - You want to keep air conditioner running while nobody is in a room.
 - The sensor fails.
 - Only infants, babies, or people only with disabilities are in the room.

Do not use the ECONAVI function in a room with disabled persons or infants only. Due to their limited motions, the ECONAVI sensor may judge no person is present, causing the indoor unit to stop the operation.

Troubleshooting

If operation does not start by pressing [Start/Stop] button ... Check the following before asking for repair.





 If you need to contact for servicing, check the back cover of the operating instructions for indoor units or outdoor units.

Specifications

Model No. C2		CZ-RTC4
Dimensi	ons	(H) 120 mm x (W) 120 mm x (D) 20 + 4.75 mm
Weight		160 g
Temperature/ Humidity range		0 °C to 40 °C / 20 % to 80 % (no condensation) *Indoor use only.
Power Source		DC16 V (supplied with indoor unit)
Clock	Precision	± 30 seconds/month (at normal temperature 25 °C) *Adjust periodically.
	Holding time	24 hours (when fully charged) *Approx. 8 hours are required for full charge.
Number of connected indoor units		Up to 8 units

Disposal of Old Equipment Only for European Union and countries with recycling systems



This symbol on the products, packaging, and/or accompanying documents means that used electrical and electronic products must not be mixed with general household waste.



For proper treatment, recovery and recycling of old products, please take them to applicable collection points in accordance with your national legislation.

By disposing of them correctly, you will help to save valuable resources and prevent any potential negative effects on human health and the environment. For more information about collection and recycling, please contact your local municipality.

Penalties may be applicable for incorrect disposal of this waste, in accordance with national legislation.

Информация для пользователей в РФ

< Предупреждение >

Следуйте нижеприведённым правилам, если иное не указано в других документах.

- 1. Устанавливайте прибор на твёрдой плоской поверхности, за исключением отсоединяемых или несъёмных частей.
- 2. Хранить в сухом, закрытом помещении.
- 3. Во время транспортировки не бросать, не подвергать излишней вибрации или ударам о другие предметы.
- 4. Утилизировать в соответствии с национальным и/или местным законодательством.

Правила и условия реализации не установлены изготовителем и должны соответствовать национальному и/или местному законодательству страны реализации товара.

Изготовитель:

Импортёр

Панасоник Корпорэйшн 1006 Кадома, Кадома Сити, Осака, Япония ООО«ПанасоникРус», РФ, 115191, г. Москва, ул. Большая Тульская, д. 11, 3 этаж. тел. 8-800-200-21-00

Інформація для користувачів в Україна

Уповноважений Представник:

ТОВ «ПАНАСОНІК УКРАЇНА ЛТД» провулок Охтирський, будинок 7, місто Київ, 03066, Україна



<Ескерту>

Егер басқа жолдама құжаттарда көрсетілмеген жағдайда, төмендегі шарттарды орындаңыз.

- 1. Тегіс, берік бетке орналастырыңыз, тек алынатын бөлшектер немесе қозғалмайтын бөлшектерден басқа.
- 2. Жабық және құрғақ жерде сақтау керек.
- 3. Тасылмалдауды құлатусыз, аса вибрациясыз және басқа заттарға соғусыз жасау керек.
- 4. Кәдеге жаратуды ұлттық және жергілікті заңдарға сәйкес жасау керек.

Сату шарттары өндірушімен орнатылмаған және мемлекеттің тауарды пайдаланудың ұлттық немесе жергілікті заңдарына сай болуы керек.

Қазақстан Республикасы территориясындағы өнім сапасы бойынша наразылықтарды қабылдайтын уәкілетті ұйым: Панасоник Маркетинг ТМД АҚ өкілдігі, Қазақстан, 050010, Алматы қ., Достық даңғылы 192, 3-ші қабат

Panasonic ақпарат орталығы:

+7 (727) 330-88-07 – Алматы қ. мен Қырғызстаннан қоңырау шалу үшін.

8-800-0-809-809 — Қазақстан аумағында жергілікті ұялы байланыс пен қалалық операторларынан тегін қоңырау шалу.

Информация для пользователей в Республике Казахстан

Организация, уполномоченная на принятие претензий по качеству продукции на территории Республики Казахстан: Представительство АО "Панасоник Маркетинг СНГ" Казахстан, 050010 г. Алматы, Проспект Достык 192, 3-й этаж.

Информационный центр Panasonic:

+7 (727) 330-88-07 – Для звонков из г. Алматы и Киргизстана.

8-800-0-809-809 – бесплатный звонок с городских и мобильных телефонов местных сотовых операторов в пределах Казахстана.

> Contact in the UK Panasonic UK, a branch of Panasonic Marketing Europe GmbH, Maxis 2, Western Road, Bracknell, Berkshire, RG12 1RT

Authorized representative in EU Panasonic Testing Centre Panasonic Marketing Europe GmbH Winsbergring 15, 22525 Hamburg, Germany

Panasonic Corporation http://www.panasonic.com

WEB-ACXF55-19701-EN F0515-20921 CV6233317557 85464609293021