Panasonic®

Operating Instructions
Wired Remote Controller

Model No. **CZ-RTC6BL**
CZ-RTC6WBL

Installation Instructions
separately attached

English
Before operating the unit, read these Operating Instructions thoroughly and keep them for future reference.

Thank you for purchasing the Panasonic wired remote controller.

● Read the Operating Instructions carefully for safe use. This manual describes the Operating Instructions of the wired 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) before use.**
● **This product is a remote controller that comes equipped with Bluetooth® wireless technology.**
  Be sure to read the "General precautions for Bluetooth® functionality" (P.4) before use.
● 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.

Safety precautions

⚠ **WARNING**	⚠ **CAUTION**
This symbol refers to a hazard or unsafe practice which can result in severe personal injury or death.	This symbol refers to a hazard or unsafe practice which can result in personal injury or product or property damage.
🚫 Matters to be observed	🚫 Prohibited matters

⚠ WARNING

🚫 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 and disposal.

❗ 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.

⚠ CAUTION

❗ 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 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.

This equipment is not suitable for use in locations where children are likely to be present.

🚫 • Do not operate with wet hands.
• Do not wash with water.

[General precautions for ECONAVI]

⚠ **WARNING**
• 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.

[General precautions for Bluetooth® functionality]

⚠ **WARNING**
• Do not use the remote controller where pacemaker users may be around. If used, turn off Bluetooth® functionality.
  – Bluetooth® functionality may cause pacemakers to malfunction and lead to an accident.
• Do not use the remote controller near electrical medical devices. If used, turn off Bluetooth® functionality.
  – Bluetooth® functionality may cause these devices to malfunction and lead to an accident.
• Do not use the remote controller near automatic doors, fire alarms, or other automatically controlled devices. If used, turn off Bluetooth® functionality.
  – Bluetooth® functionality may cause these devices to malfunction and lead to an accident.

⚠ **CAUTION**
• This product is permitted for use only in the country where it was purchased.
• This product uses signals in the 2.4 GHz band.
  – Signals in the 2.4 GHz band are used by medical devices, other similar devices, and nonlicensed amateur radio stations (hereafter referred to as other radio stations).
    1. Before using this product, make sure there are no other radio stations in the vicinity.
    2. If a radio interference occurs between this product and other radio stations, move the product or stop using the product (turn off Bluetooth® functionality).
    3. If problems with radio interference occur, consult the dealer from which the product was purchased.
• Keep an appropriate distance between the product and radio-emitting devices, such as cordless phones, microwave ovens, and wireless LANs, to prevent Bluetooth® interference from these devices that can affect normal operation and performance of the product.
• The following actions may be punishable by law.
  – Disassembling or alteration of this product
  – Removal of certification labels
• The maximum line-of-sight distance of this product is 10 meters. This distance will be shorter when obstacles or people are in the path of radio waves or radio interference from appliances (e.g., microwave ovens) exists.

[Precautions for using mobile device application]

- When operating an air conditioner from a remote controller located outside the visibility of the air conditioner, make sure that the operation of the air conditioner will not negatively affect its surroundings or the occupants beforehand.
- When occupants include children, elderly people, people with ailments, or people with disabilities, make sure the product is used in the presence of a capable, supervising adult.
- When one or more people are in a room with an air conditioner, let them know beforehand that the air conditioner is going to be operated from a remote controller located outside the visibility of the air conditioner.
- Children should be supervised or instructed to stay away from the product.
- Poor radio-wave conditions due to an existence of obstacles or radio-emitting devices, such as a microwave oven, in the vicinity of the product can lead to a non-response error. Periodically check the operating conditions of the product.
- Regarding Bluetooth® functionality, the maximum line-of-sight distance of this product is 10 meters. Obstacles in the path of radio waves can shorten this distance. If a problem occurs, remove the obstacles or shorten the distance between this product and the connected device.
- It is recommended to lock the mobile device screen to prevent inadvertent operation of the air-conditioning system.

Part names

Control panel / Top screen

The control panel colour of CZ-RTC6WBL is white.

Appears when ECONAVI is being set to ON.
(ECONAVI settings are possible only when fitted with ECONAVI panel/ECONAVI sensor.)

Connected with a mobile device via Bluetooth® functionality (P.29)

Panasonic

nanoeX **ECONAVI**

Under operation of nanoe™ X

Set temperature — 28.0℃

Check the current operating status (P.8)

LCD screen

Operation mode

Menu button
- When pressed repeatedly during operation, this shows operating status confirmation, set temperature, operation mode, fan speed, flap, and the menu screen. (P.8)
- When pressed while stopped, the menu screen is displayed. (P.10)

Up/Down buttons
Selects an item.

Enter button
Fixes the selected content.

Start/Stop button
Starts/Stops operation.

Setting information icon
- Only the partial settings can be checked on the top screen. To check all the settings (P.24)
- You can limit the number of icons to be displayed to simplify the display. (P.23)

Setting information icons displayed on the top screen

- Icon details (P.24)

Note
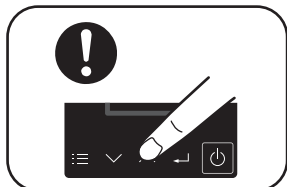
Press centre

No glove
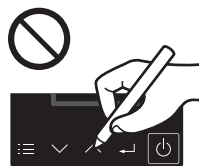
No pen

- If no operation is performed for an extended period, the backlight turns off to save electricity. (Press any button for illumination.)

Screen display

■Internal cleaning in process

- ● **To stop the internal cleaning operation**
  Press ⏎.
- ● **To resume operation**
  Press ⏻.

Press [⏎]
to finish

■Internal drying in process

- ● **To stop the internal drying operation**
  Press ⏎.
- ● **To resume operation**
  Press ⏻.

Press [⏎]
to finish

■Key operations locked

Keys are locked so operations are not possible.

- ● **To return to the top screen**
  Press ☰.

All keys
are locked.

[☰]↺

■Prohibited

Being centrally controlled, operation is not possible.

- ● **To return to the top screen**
  Press ☰.

START/STOP
is prohibited.

[☰]↺

■Operation stop screen

■When inspection is required

Refer to "Troubleshooting" (P.58).

⚠ E04
UNIT 1-1

nanoeX ECONAVI ✱
nanoeX ⚠ ✱

nanoeX ECONAVI ✱
⚠ ECONAVI ✱
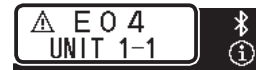
Operation guide

The currently operable content is displayed.

- • ☰ : Menu button
- • ⏎ : Enter button

SET TEMP.

28.0℃

[☰]Next

Menu
XX/XX
ECONAVI
nanoeX
Filter sign

[☰]↺   [⏎]➡

(EN)   7
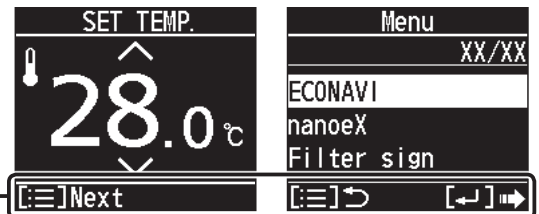
Basic operations

1 **Start operation.**

Press ⏻ .

- Pressing ⏻ after recovery from mains power failure will resume operation with the contents before mains power failure has occurred.
- It is possible to set the screen in Step 2 as the top screen when starting operation. (P.23 "Display mode")
  In that case, skip Step 2 below.
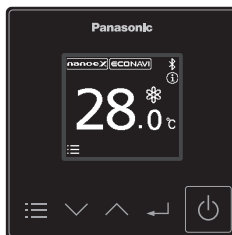
■ **To stop operation**

Press ⏻ .

2 **Check the current operating status.**

Press ☰ .

- When no operation is performed for several seconds, the display returns to the top screen.

Operation mode

Set temperature

Fan speed
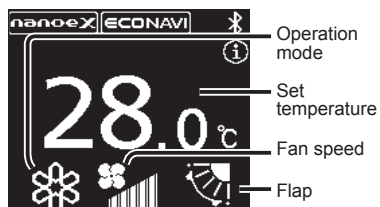
Flap

3 **Select the item to set.**

Press ☰ .

(Repeat)

- When no operation is performed for several seconds, the display returns to the top screen.
- "SET TEMP." (Set temperature) is not displayed in Fan mode ( ).

Top screen
↓
SET TEMP.
↓
MODE
↓
FAN SPEED
↓
FLAP
↓
Menu
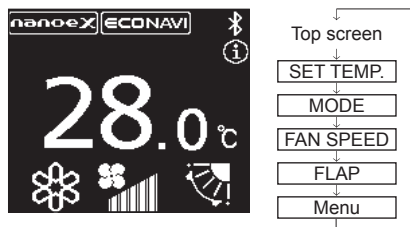
Note

● For models that cannot change the airflow direction, "FLAP" is not displayed.

Set temperature

4 **Change the setting. (0.5 °C steps)**

Press ⌃ ⌄ → ↵ .
(Press to finish.)

- **Cool/Dry :** 18.0 °C to 30.0 °C
- **Heat** **:** 16.0 °C to 30.0 °C
- **Auto** **:** 17.0 °C to 27.0 °C

```
SET TEMP.

🌡  ⌃
  28.0℃
     ⌄
[:≡]Next
```
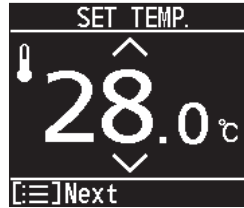
Operation mode (e.g. Cool, Heat, etc.)

4 Press ⌃ ⌄ → ↵ .
(Press to finish.)

- Ⓐ **(Auto):** The mode is automatically switched to Cool or Heat to achieve the set temperature.
- Operation modes that cannot be set are not displayed.

```
MODE
  ⌃
 ❄
  ⌄
[:≡]Next
```

```
☀
(Heat)

◊
(Dry)

❄
(Cool)

❁
(Fan)

Ⓐ
(Auto)
```
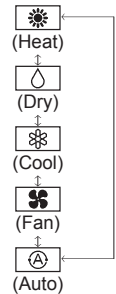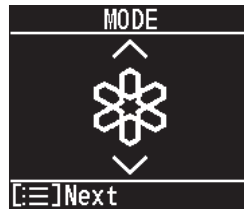
Fan speed

4 **Change the setting.**

Press ⌃ ⌄ → ↵ .
(Press to finish.)

- Ⓐ **(Auto):** Cannot be selected in Fan mode.
- Depending on the model, selectable fan speed may differ.

```
FAN SPEED
  ⌃
 ❁▮
  ⌄
[:≡]Next
```

```
▮▮▮▮  *    ▮▮▮  *
            (High)
 ▮▮▮
  ▮▮        ▮▮
  ▮         (Medium)
  ▮
            ▮
            (Low)

 Ⓐ         Ⓐ
            (Auto)
```
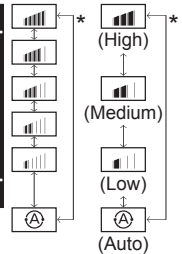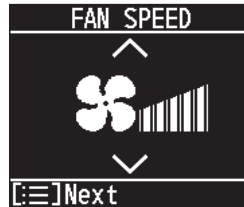
* Depending on the model, either of the displays appears.

Flap

4 **Change the setting.**

Press ⌃ ⌄ → ↵.

(Press to finish.)

⟨⟨ : Swing

- Pressing ⌃ ⌄ during swing can stop the flap at your preferred position.
- The swing and airflow direction on the remote controller is not synchronised with the flap movement.
- Depending on the type of indoor unit and operation mode, Flap can be set in 3 levels.
- The flap display differs from the actual flap angle.
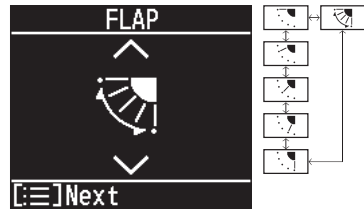
Menu

4 **Select the menu item.**

Press ⌃ ⌄ → ↵.

■ **To return to the top screen**
Press ☰.

- See "Menu list" (P.11) for the menu items.
- When no operation is performed for several minutes, the display returns to the top screen.
- The menu screen can also be displayed if you press ☰ while stopped.

Menu list

Total number of items

Number for the selected item

```
        Menu
                XX  XX

1  ECONAVI
2  nanoeX
3  Filter sign
[:≡]↺           [↵]➡
```

```
        Menu
                XX/XX

4  Outing function
5  Clock
6  Clock type
[:≡]↺           [↵]➡
```

```
        Menu
                XX/XX

7  Controller name
8  Touch sound
9  Contrast
[:≡]↺           [↵]➡
```

```
        Menu
                XX/XX

10 Backlight
11 Language
12 Contact address
[:≡]↺           [↵]➡
```

```
        Menu
                XX/XX

   Contact address
13 Display mode
14 Bluetooth
[:≡]↺           [↵]➡
```

1	**ECONAVI***	Turns the ECONAVI function ON/OFF.	P.12
2	**nanoeX***	Turns the nanoe™ X function ON/OFF.	P.15
3	**Filter sign**	Resets the time to filter cleaning.	P.17
4	**Outing function**	Prevents the room temperature from rising too high (or dropping too low) when no one is in the room.	P.18
5	**Clock**	Sets the present date and time.	P.20
6	**Clock type**	Sets the type of clock display.	P.20
7	**Controller name**	Confirms the remote controller name.	P.20
8	**Touch sound**	Turns the operation sound ON/OFF.	P.21
9	**Contrast**	Sets the screen contrast.	P.21
10	**Backlight**	Sets the backlight brightness of the screen.	P.22
11	**Language**	Sets the display language.	P.22
12	**Contact address**	Confirms the contact address and telephone number for servicing.	P.23
13	**Display mode**	Changes the display of the top screen.	P.23
14	**Bluetooth**	Makes Bluetooth® settings.	P.26

* Some menus cannot be used if the function is not fitted. If unavailable menus are selected, the display shown on the right appears.

```
        Menu
                X
E
   This function
n   is disabled.
F
[:≡]↺
```

• If the menu operations are locked, the display shown on the right appears and the menu cannot be used.

```
        Menu

   Menu operations
     are locked.

[:≡]↺
```
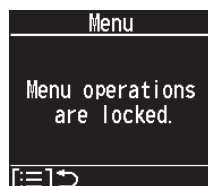
ECONAVI function

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 has 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*** • When no one is in the room for approx. 3 hours* or more, the unit operates in the specified Absence operation mode. * This depends on the type of indoor unit.

(**Note**)

- ● ECONAVI can be set using the separately sold ECONAVI panel or by connecting the holder on the wall.
- ● 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 operation in the current mode.

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

  * This depends on the type of indoor unit.

- ● 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.
- ● When operating more than one indoor unit, the energy-saving effect may be reduced depending on the room condition.

ECONAVI

1 **Display the menu screen.**

■ **When stopped**

Press ▦.

■ **When operating**

Press ▦ repeatedly until the menu screen is displayed.

• To return to the top screen, press ▦.
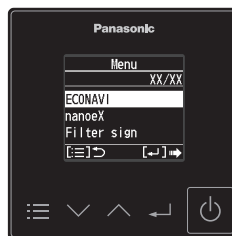
2 **Select [ECONAVI].**

Press ⋀ ⋁ → ↵.

3 **Select [ON] or [OFF].**

Press ⋀ ⋁ → ↵ → ▦.

(Press to finish.)

• When ECONAVI is set to ON, "ECONAVI" will appear on the top screen.
• When the indoor unit is stopped, "ECONAVI" will disappear.

ON
OFF
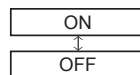
Note

● If the function is not fitted, the display shown on the right appears and this function cannot be used.

nanoe™ X function

nanoeX : Under operation of nanoe™ X

---

nanoe™ X   For a fresher and cleaner environment

nanoe™ X generates negative ions using the air in the room to give a healthy air. It also reduces the smell in the room, and constrains propagations of mold and bacteria.

nanoe™ X

1 **Display the menu screen.**

■ **When stopped**
Press ▤.

■ **When operating**
Press ▤ repeatedly until the menu screen is displayed.

• To return to the top screen, press ▤.
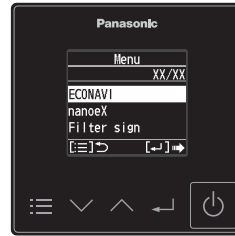
2 **Select [nanoeX].**
Press ⋀ ⋁ → ↵.

3 **Select [ON] or [OFF].**
Press ⋀ ⋁ → ↵ → ▤.
(Press to finish.)

• When nanoe™ X is set to ON, "**nanoeX**" will appear on the top screen.
• When the indoor unit is stopped, "**nanoeX**" will disappear.

ON
OFF
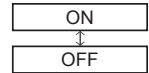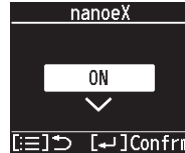
Note

● In the following case, the message appears and this function cannot be used.
  • When the indoor unit is not supported or the nanoe™ X kit is not equipped.

Filter sign

When the cleaning time comes, the icon shown on the right appears on the top screen.

Filter sign reset

1 **Display the menu screen.**

■ **When stopped**
  Press ▤.

■ **When operating**
  Press ▤ repeatedly until the menu screen is displayed.

  • To return to the top screen, press ▤.
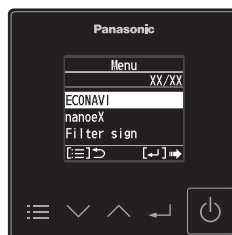
2 **Select [Filter sign].**
  Press ︿ ﹀ → ↵ .

3 **Select [Filter sign reset].**
  Press ↵ → ▤ .
                    (Press to finish.)
  (The filter cleaning time count is reset.)

Outing function

This function prevents the room temperature from rising too high (or dropping too low) when no one is in the room due to outing, etc.

General Performance of the Outing Function

COOL / DRY	Outing function upper limit
① The air conditioner starts operation when the room temperature increases up to –1 °C of the upper limit.	① ... 1 °C
② The air conditioner stops operation when the room temperature decreases up to –2 °C of the upper limit.	② ... 1 °C
	Room temperature
HEAT	Room temperature
① The air conditioner starts operation when the room temperature increases up to +1 °C of the lower limit.	②
② The air conditioner stops operation when the room temperature decreases up to +2 °C of the lower limit.	① ... 1 °C ... 1 °C
	Outing function lower limit

[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 controller (or a central control device such as System Controller), 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, not under operation.

Note

● A remote controller loses outing function operation information when electrical supply is cut for seventy two hours or more during outing function. Following power restoration, the unit does not operate in outing function mode.

Outing function

1 **Display the menu screen.**

■ **When stopped**

Press ▤ .

■ **When operating**

Press ▤ repeatedly until the menu screen is displayed.

• To return to the top screen, press ▤ .

2 **Select [Outing function].**

Press ⋀ ⋁ → ↵ .

3 **Select [Enable/disable].**

Press ⋀ ⋁ → ↵ .

4 **Select [Enable].**

Press ⋀ ⋁ → ↵ .

Enable
↕
Disable

5 **Select [Set limit temp.].**

Press ⋀ ⋁ → ↵ .

6 **Set the temperature range. (0.5 °C steps)**

Press ⋀ ⋁ → ↵ → ⋀ ⋁ → ↵
→ ▤ .
(Press twice to finish.)
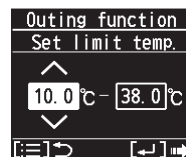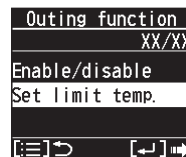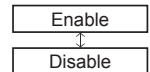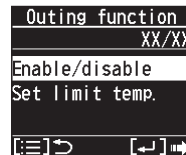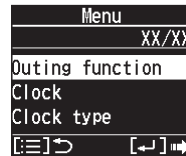
To disable Outing function
1. Start with Step 1 and select [Disable] in Step 4.
2. Press ↵ .
3. Press ▤ twice to finish.

Clock/Clock type/Controller name

Steps 1 and 2 are common operations for each item.
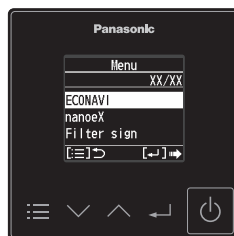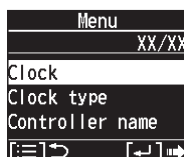
1 **Display the menu screen.**

■ **When stopped**
   Press ▤ .

■ **When operating**
   Press ▤ repeatedly until the menu screen is
   displayed.

• To return to the top screen, press ▤ .
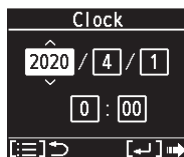
2 **Select the item to set.**
   Press ⋀ ⋁ → ↵ .

Clock

3 **Set the present date and time.**
   Press ⋀ ⋁ → ↵ → ▤ .
   　　　　(Repeat)　(Press to finish.)

• [--] appears in situations where the clock is reset,
  such as when power is not supplied to the remote
  controller for 24 hours or more.

Clock type

3 **Select the type to display.**
   Press ⋀ ⋁ → ↵ → ▤ .
   　　　　　　(Press to finish.)

24 h
⇕
AM/PM
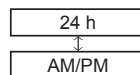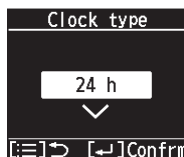
Controller name

The controller name can be set only with the "Panasonic H&C Control App".

3 **Confirm the name.**
   Confirm, then press ▤ .
   　　　　(Press twice to finish.)
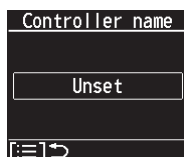
Touch sound/Contrast

Steps 1 and 2 are common operations for each item.

1 **Display the menu screen.**

■ **When stopped**

Press ☰.

■ **When operating**

Press ☰ repeatedly until the menu screen is displayed.

• To return to the top screen, press ☰.

2 **Select the item to set.**
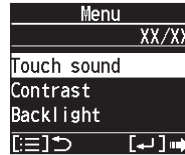
Press ⋀ ⋁ → ↵.

Touch sound

3 **Select [ON] or [OFF].**

Press ⋀ ⋁ → ↵ → ☰.

(Press to finish.)

ON
↕
OFF
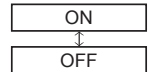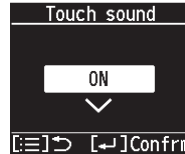
Contrast

3 **Set the screen contrast.**

Press ⋀ ⋁ → ↵ → ☰.

(Press to finish.)
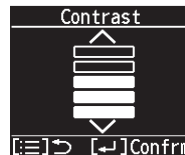
Backlight/Language

Steps 1 and 2 are common operations for each item.

1 **Display the menu screen.**

■ **When stopped**

Press ☰.

■ **When operating**

Press ☰ repeatedly until the menu screen is displayed.

• To return to the top screen, press ☰.
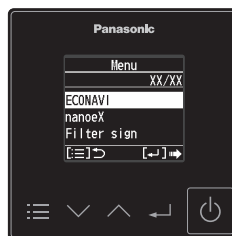
2 **Select the item to set.**

Press ∧ ∨ → ↵.

Backlight

3 **Set the backlight brightness of the screen.**

Press ∧ ∨ → ↵ → ☰.
(Press to finish.)
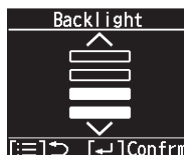
Language

3 **Select the language to display from among 7 languages shown on the right.**

Press ∧ ∨ → ↵ → ☰.
(Press to finish.)

• Default setting: ENGLISH

| ENGLISH |
| РУССКИЙ |
| POLSKI |
| ESPAÑOL |
| ITALIANO |
| DEUTSCH |
| FRANÇAIS |
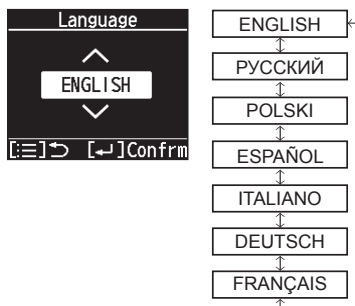
Contact address/Display mode

Steps 1 and 2 are common operations for each item.

1 **Display the menu screen.**

■ **When stopped**

Press ▤.

■ **When operating**

Press ▤ repeatedly until the menu screen is displayed.

• To return to the top screen, press ▤.

2 **Select the item to set.**
Press ∧ ∨ → ↵.

Contact address

The contact address can be set only with the "Panasonic H&C Control App".

3 **Confirm the name and the contact number.**

Confirm, then press ▤.
(Press twice to finish.)

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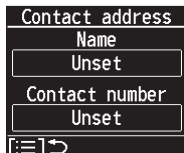
Display mode

3 **Select the display mode for the top screen.**
Press ∧ ∨ → ↵ → ▤.
(Press to finish.)

• **Detailed:**
The number of icons is not limited.
During operation, the current operation mode, fan speed, and flap are displayed on the top screen.
(Refer to Step 2 in "Basic operations" (P.8))
• **Standard:**
The number of icons is not limited.
• **Simple:**
Limits the number of icons displayed on the top screen to simplify the display.
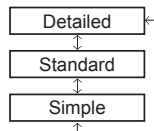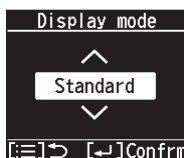
Setting information list

This provides the meanings of setting information icons.

1 **Display the setting information screen.**

Press ⏎ on the top screen.
(Press and hold for 4 seconds or more.)

2 **Select the icon.**

Press ⋀ ⋁ → ⏎ .

• Only icons currently being displayed on the screen are displayed here.
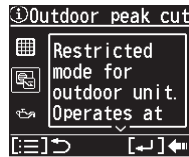
3 **Check the meaning of the icon.**

Confirm, then press ⏎ → ☰ .
(Press to finish.)

• Scroll through the screen with ⋀ ⋁ .
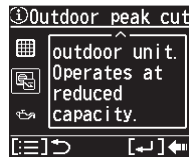
■ Setting information icon list

Icon	Description	Page
⊛	The indoor unit is stopped or slight blow operation is in process.	–
⏻	The indoor unit is turned on after a problem such as a power failure is resolved.	–
❆	The indoor unit is in defrosting operation.	–
🔒	Air flow direction is locked on some units. *	–
🔒	Switching between Heat and Cool/Dry mode is prohibited (Switching to Auto mode is also prohibited.).	–
🔒	Remote control operation is restricted by a central control device.	P.7
▦	The indoor unit filter needs to be cleaned.	P.17
🛢	Time to replace engine oil in the outdoor unit. Replace the oil. (Only when the gas heat pump air conditioner is used.)	–
⏰	"ON/OFF timer" is set. *	–
📆	Separate timers are set for each day. *	–

Icon	Description	Page
	Energy saving is on to control energy consumption. *	–
	The operation capacity of the outdoor unit is restricted.	–
	Units are operated at the capacity set by schedule. *	–
	If the set temp is changed, the temp will return to the registered set temp after a preset time. *	–
	Upper and lower set temperature limits have been changed. *	–
	Operation automatically stops in the set time zone at the set interval. *	–
	"Repeat off timer" is set. *	–
	Operation capacity of outdoor unit is controlled in the set time zone to lower noise. *	–
	The temperature sensor of the remote controller is detecting the room temperature.	–
	"Operation lock" is set. • To unlock: Press [icon] and [icon] on the top screen. (Press and hold for 4 seconds or more.)	P.7
	Fresh air is used for ventilation. * (Only when connecting a heat exchange ventilation unit or connecting a commercially sold fan)	–
	Starts/stops automatically to maintain a set temperature range even when off.	P.18
	There are one or more units currently set to Direct airflow. *	–
	There are one or more units currently set to Indirect airflow. *	–
	There are one or more units currently set to Air circulation operation. *	–
	The rotation operation is set. *	–
	Internal cleaning is in process.	P.7
	Internal drying is in process.	P.7
	Connected with a mobile device via Bluetooth® functionality	P.26
(alternately)	Bluetooth® module is considered abnormal.	P.60
(alternately)	Clock not set (reset due to a power outage)	P.59

* Can only be set using the "Panasonic H&C Control App"

Bluetooth® settings

Before use, confirm the version of the OS on the mobile device and the Bluetooth® version (P.61), and install the "Panasonic H&C Control App" onto the mobile device. In addition, be sure to read the "General precautions for Bluetooth® functionality" (P.4).

Panasonic H&C Control App

You can use the "Panasonic H&C Control App" on your mobile device to operate the air conditioning unit, make detailed settings for functions such as the energy saving function, etc.
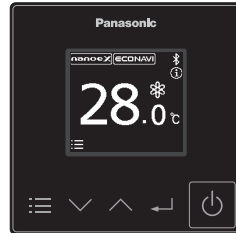
■ **Functions that can be set with the "Panasonic H&C Control App" (some examples)**
- **Weekly timer**
  The operation ON/OFF schedule or temperature setting schedule can be set by setting the day and time.
- **Energy saving operation On/Off**
  Operates in an energy saving mode.
- **Power consumption monitor**[1]
  Displays the approximate power consumption for a day, a week or a year.
- **Rotation and Backup functions**[2]
  The rotation functions helps you equalize the operating times.
  The backup function allows operation to continue even when an error has occurred.

[1] Supported only by models that support the power consumption monitor
[2] Rotation operation is available only when there is a control group of 2 PAC systems (each system being a combination of 1 outdoor unit and 1 indoor unit).

■ **Installing the "Panasonic H&C Control App"**

For iOS user	For Android™ user
• Open [App Store].	• Open [Google Play].
• Search for "Panasonic H&C Control App".	• Search for "Panasonic H&C Control App".
• Download and install.	• Download and install.

- The "Panasonic H&C Control App" is free, but the communication fees for downloading it and updating it are at the customer's expense.
- The "Panasonic H&C Control App" screen may change without notice due to updates.
- Functions are not displayed in the "Panasonic H&C Control App" screen if the air conditioner does not support them.
- The screen operations are the same on iOS and Android™. The iOS screen has been used in the examples.

Bluetooth® functionality

1 **Display the menu screen.**

■ **When stopped**

Press ▤.

■ **When operating**

Press ▤ repeatedly until the menu screen is displayed.

• To return to the top screen, press ▤.

2 **Select [Bluetooth].**

Press ∧ ∨ → ↵.

3 **Select [Enable/disable].**
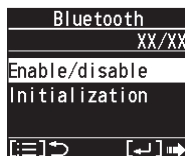
Press ∧ ∨ → ↵.

4 **Select [Enable].**

Press ∧ ∨ → ↵ → ▤.

(Press twice to finish.)
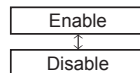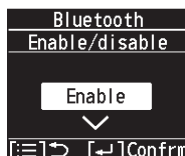
To disable Bluetooth® functionality
1. Start with Step 1 and select [Disable] in Step 4.
2. Press ↵.
3. Press ▤ twice to finish.

Bluetooth® settings

You can also set [Enable/disable] wireless communication with the following procedure.

1. **Display the wireless setting screen.**

   Press ▤ on the top screen.
   (Press and hold for 4 seconds or more.)

   ```
   ┌──────────────────┐
   │     Wireless     │
   │ Bluetooth    ⊟   │
   │                  │
   │                  │
   │ [≡]⤺  [↵]☑/⊟    │
   └──────────────────┘
   ```
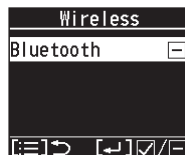
2. **Select ☑ (enable) or ⊟ (disable).**

   Press ↵ → ▤.
   　　　　　　(Press to finish.)

   • This setting is the same as Step 4 on page 27.

   ```
   ┌──────────────────┐
   │     Wireless     │
   │ Bluetooth    ☑   │
   │                  │
   │                  │
   │ [≡]⤺  [↵]☑/⊟    │
   └──────────────────┘
   ```
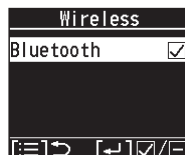
■ **datanavi**

This unit supports datanavi.
For details on the usage, supporting regions, etc., visit the following URL.
https://datanavi.ac.smartcloud.panasonic.com/global/

28 (EN)

Connecting with the "Panasonic H&C Control App"

Before connecting, set Bluetooth® functionality to [Enable] on the remote controller. (Step 4 on page 27)
When connecting, try getting the mobile device as close as possible to the remote controller.

1 **Start the "Panasonic H&C Control App".**

- Remote controllers in the vicinity are displayed on the Home screen.
- Remote controllers that have been paired have " ⊀ " displayed to the left.

  ✅ : Remote controller last connected

  📱 : Unconnected remote controller within Bluetooth® communication range

  📱 : Connected remote controller outside Bluetooth® communication range
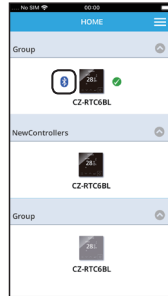
2 **Select the remote controller you want to operate.**

■ **Mobile device**

Tap " 📱 ".

- If the remote controller is not displayed, slide down to update and the remote controller is detected.
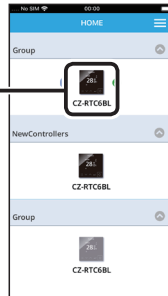
■ **When making a Bluetooth® connection for the first time, go to Step 3.**

■ **For the second and subsequent Bluetooth® connections, go to Step 5.**

3 **Confirm the numbers on the mobile device match the 6 digits on the remote controller.**

- If the numbers do not match, check the remote controller you want to connect again. (Step 2)

4 **Start connecting.**

■ **Mobile device**
  Tap "Pair".

■ **Remote controller**
  Press [↵].

Tap

5 **Confirm that the Bluetooth® connection is completed.**

- " [*] " is displayed on the top screen when the Bluetooth® connection is established. Once this step is complete, subsequent connections will be made automatically.
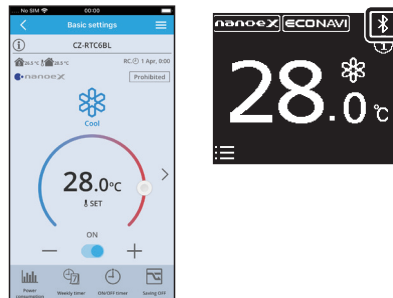
When the Bluetooth® connection is complete, the mobile device information is stored, and the above Steps 3 and 4 are unnecessary from next time. Refer to page 31 to delete the stored mobile device information.

■ **To delete all mobile device information stored**

At first, set Bluetooth® functionality to [Enable]. (P.27)

1. Display the menu screen.

■ **When stopped**
  Press ☰.

■ **When operating**
  Press ☰ repeatedly until the menu screen is displayed.

• To return to the top screen, press ☰.

2. Select [Bluetooth].
  Press ∧ ∨ → ↵.
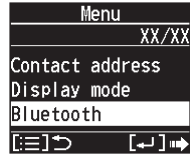
3. Select [Initialization].
  Press ∧ ∨ → ↵.
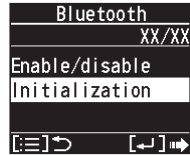
4. Start initialization.
  Press ↵ → ∧ ∨ → ↵.
  (Select [YES])

• Do not connect the mobile device via Bluetooth® functionality while initializing.
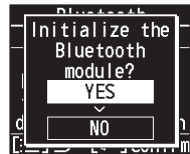
5. Confirm that initialization has completed.
  Confirm, then press ☰.
  (Press 3 times to finish.)
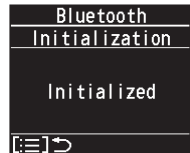
Note

● Delete information of Bluetooth® connection with the remote controller stored on the mobile device as well.

Basic settings screen

When Bluetooth® connection is successful, the following screen appears.

Remote controller's name

Back

Information (P.41)

Indoor air temperature

nanoe™ X status

Operating mode (P.33)

Set temperature

Air conditioner ON/OFF

Power consumption monitor (P.37)

Weekly timer (P.37)

Menu (P.42)

Remote controller clock

Outdoor ambient temperature

Remote control operation is restricted by a central control device.

Fan speed (P.34) (Tap again to switch to the Flap screen.)

Change set temperature (dial) (P.33)

Change set temperature (+ or –) (P.33)

Energy saving operation On/Off (P.40)

ON/OFF timer (P.39)

• Functions are not displayed in the "Panasonic H&C Control App" screen if the air conditioner does not support them.

■ Operation mode
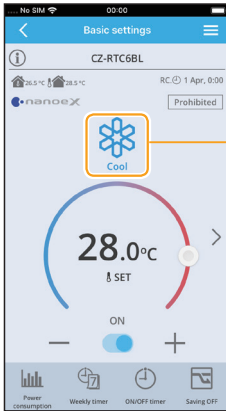
Touch to select the operation mode.
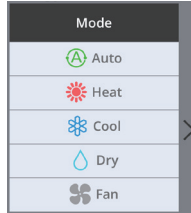
- Auto mode is automatically switched to Cool or Heat to achieve the set temperature.
- Operation modes that cannot be set are not displayed.

■ Set temperature
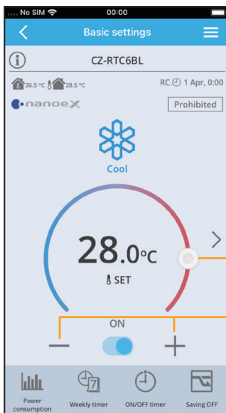
Change set temperature (dial).

Change set temperature (+ or –).

■Fan speed

Change fan speed.

Auto fan toggle

- Cannot be selected in Fan mode.
- Depending on the model, selectable fan speed may differ.
- Depending on the model, either of the displays appears.
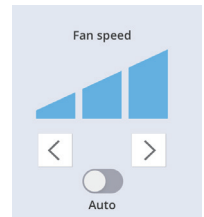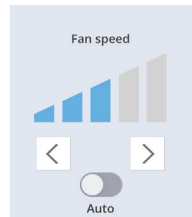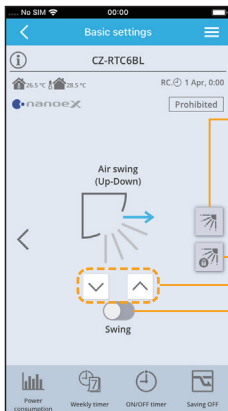
■Flap

Go to the screen for flap setting (P.35).
- Flap setting for each indoor unit

Go to the screen for locking individual flaps (P.36).

Change swing position.

Auto air swing toggle
- Press to stop swinging the flap at your preferred position.

- The swing position and the airflow direction shown on the screen are not synchronized with the actual flap movement.
- The flap display differs from the actual flap angle.

■ Flap setting for each indoor unit

When setting flaps for each indoor unit
• Flaps of all air outlets of 1 indoor unit face the same direction.
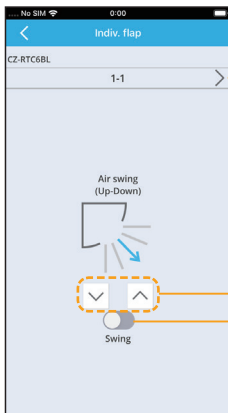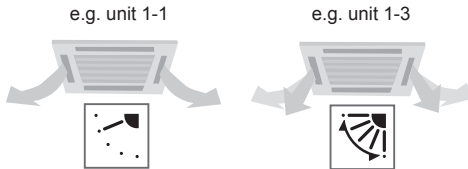
e.g. unit 1-1   e.g. unit 1-3

Select the indoor unit.
• 1-1→ 1-2 to 1-8 (MAX) → ALL
• ALL: All units connected to the remote contloller.

Change swing position.

Auto air swing toggle
• Press to stop swinging the flap at your preferred position.

■Flap setting for each air outlet (Lock individual flap)

When setting the flap for each air outlet individually according to the room condition
• Even if the flap setting of all indoor units or each indoor unit (P.35) is changed, the flap
  directions set here are not changed.
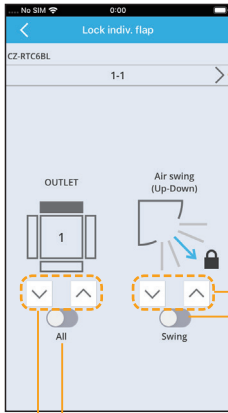
Select the indoor unit
• 1-1→ 1-2 to 1-8 (MAX) → ALL
• ALL: All units connected to the remote contloller.

Change swing position

Auto air swing toggle

All the air outlets

Select the air outlet
• The square mark (indented □) on the panel of the indoor unit
  indicates air outlet No. 1. There are some models that do not have a
  square mark (indented □).
• The air outlet No. changes according to the installation direction.
  Check by actual operation.
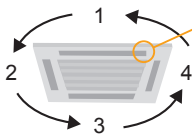
• For types other than the 4-way cassette type, this screen does not
  appear and this function cannot be used.

■ Power consumption monitor
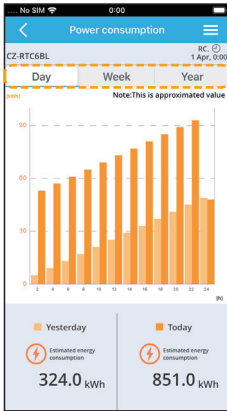
Select the period to display

• You can view the power consumption (approx.).

■ Weekly timer

You can set a weekly operation schedule.
• The operation ON/OFF schedule or temperature setting schedule can be set by setting the day and time (e.g. 8:00 AM from every Monday to Friday).
• Up to 8 settings are available for each day.

Show the list of saved template settings

On/Off timer toggle
☑ : Enable
▢ : Disable

Add new timer

Select the day of the week.

Change/delete timer

Edit timer

Complete the settings.

Copy timer

Bluetooth® settings

Add new timer

Set time

Set conditions

Select temperature.

Operation ON/OFF toggle

Complete the settings.

Change/delete timer

Edit timer

Change timer

Delete timer

Copy timer

Select the day of the week (setting destination) to apply the settings
• More than one can be selected.

Complete the settings.

■ ON/OFF timer

This turns ON/OFF at the specified time. (e.g. Turning ON/OFF after 3 hours)
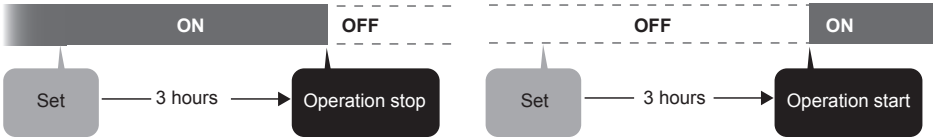
- Use OFF timer for example when: Reducing electric consumption while sleeping
- Use ON timer for example when: Operating the air conditioner according to the meeting start time.

Set the OFF timer.

Set the ON timer.

Cancel the OFF (ON) timer
• "Unset" is displayed when cancelled.
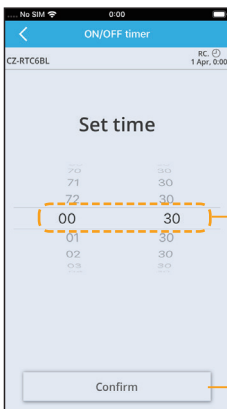
Edit timer

Complete the settings.

■ Energy saving

Refer to page 47 for information about the function.

Energy saving operation on/off toggle

 : Energy saving operation Off

 : Energy saving operation On

■Information

You can view information about the connected units.
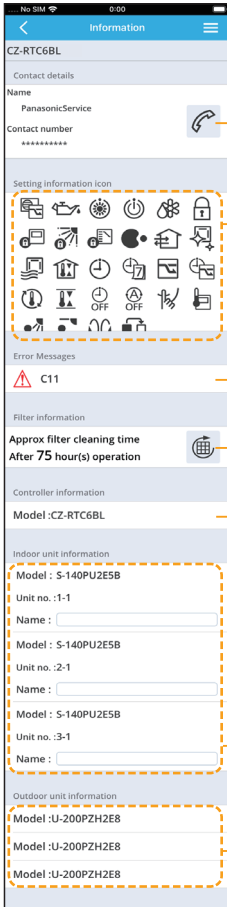
Call a registered telephone number.

This provides the meanings of setting information icons.
Details are displayed when you press the icon.

Air conditioner error messages

Displays the time remaining in hours until the next filter cleaning is required.
• Press " " after cleaning the filter.
  A dialogue is displayed, and when you press "OK", the time remaining until filter cleaning is reset.

Resetting filter sign.

Cancel   OK
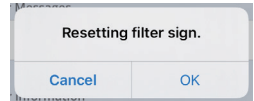
Display remote controller information.

Display indoor unit information.

Display outdoor unit information.

■ Menu list

The menus displayed when a remote controller is connected differ to the menus displayed when a remote controller is not connected.
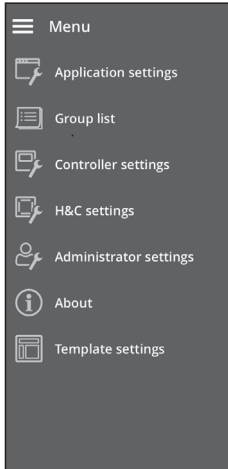
When a remote controller is connected   When a remote controller is not connected
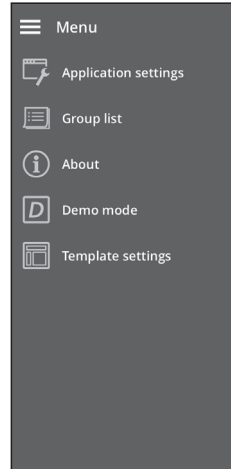
Depending on the model, there are some menus that are not available.
The menu is not displayed in this case.

* If the remote controller time is not set (Figure 1) or is wrong (Figure 2), set it in "Controller settings". (There are functions such as the weekly timer that need the remote controller time to work.)

Figure 1   Figure 2

■Application settings
(Menu → Application settings)

Change the application's settings.
(Refer to page 44 to change the remote controller's settings.)
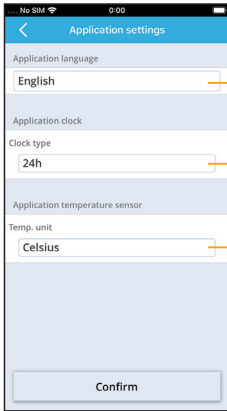
Change the display language of the application

Change the type of clock display of the application (12h/24h)

Change the type of Celsius/Fahrenheit display of the application

■ Controller settings
(Menu → Controller settings)

Change the remote controller's settings.

Change the name of the remote controller

Change the display language of the remote controller

Set the present date and time of the remote controller

Change the type of clock display of the remote controller

The clock is synchronised with a mobile device.

Change the Celsius/Fahrenheit display of the remote controller

Remote controller operation sound on/off toggle

Change the screen contrast of the remote controller

Change the backlight brightness of the remote controller

Change the display mode for the top screen of the remote controller

Display indoor unit information

■ ECONAVI settings
(Menu → H&C settings → ECONAVI settings)

Direct/Indirect airflow	• Direct airflow: When the ECONAVI sensor detects a person, the unit swings wind up and down around where the person is present. • Indirect airflow: The unit avoids directly hitting wind at a person's body.
Circulation (When using Panel for cassette (ECONAVI type) only)	• Cooling: If the ECONAVI sensor detects high temperature of the floor while group-controlling, the "Circulation" (air circulation) is performed to alleviate the unevenness of temperature between near the ceiling and near the floor. • Heating: If the ECONAVI sensor detects low temperature of the floor, the "Circulation" (air circulation) is performed to alleviate the unevenness of temperature between near the ceiling and near the floor.

ECONAVI function on/off toggle

Set the Absence operation mode*[1].

Set the time that elapses before the Absence operation mode starts.

Set the direct/indirect airflow*[2].

Circulation function on/off toggle

*1: Types of the Absence operation mode
Select the Absence operation mode from among the following 4 options on the remote controller.
• **Not set**
 If human activity is detected, the operation status is restored according to the level of human activity.
• **Standby**
 Pauses the COOL/DRY or HEAT operation, and performs only the FAN (slight breeze) operation. If human activity is detected, the operation status is restored according to the level of human activity.
• **Stop (no restart)**
 Stops the operation. After stopped, the operation is not resumed even if human activity is detected.
• **Stop (restart)**
 Stops the operation. After stopped, the operation is resumed if human activity is detected, and the operation status is restored according to the level of human activity.

*2: Types of the Direct/Indirect airflow
• **Not set**
 Operation is performed with the set airflow direction without using the "Direct airflow/Indirect airflow".
• **Direct airflow**
 The unit swings wind up and down around where the person is present.
• **Indirect airflow**
 The unit avoids hitting wind at a person's body.

■ Energy saving
(Menu → H&C settings → Energy saving)

● **Temp. auto return**

Restoring the changed temperature to the originally set temperature automatically after a specified time elapses. (e.g. Only when a guest comes)

● **Temp. range**

Restricting the temperature range that can be set. (Temperatures outside the range cannot be set.)

● **Auto shutoff**

When the operation is stopped at a specified time (e.g. closing time) and resumed afterwards, this function detects the operation status at regular time intervals and stops operation automatically. (e.g. 60 min)

● **Repeat off timer**

This stops operation after a certain period of time each time operation is performed. (e.g. When forgetting turning off)
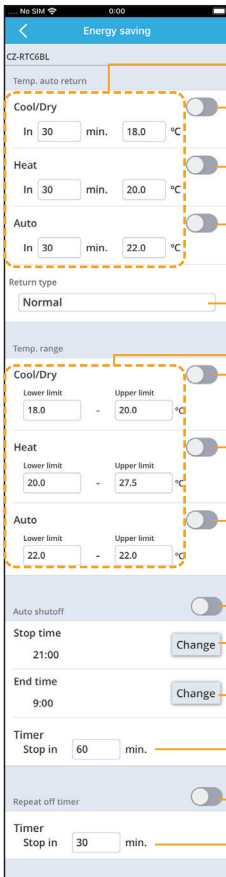
Select the operation mode you want to set, then set the temperature and the time taken to reach the temperature.

On/off toggle (Enabled when blue.)

To operate only when energy saving is possible, select "Saving".

Select the operating mode you want to set, then set the temperature range.

On/off toggle (Enabled when blue.)

Auto shutoff on/off toggle

Time to stop operation (Time when Auto shutoff is activated)

Time when Auto shutoff stops

Time interval to detect operation status after [Stop time]

Repeat off timer on/off toggle.

Set the timer to stop.

■ nanoeX settings
(Menu → H&C settings → nanoeX settings)

 nanoe™ X function on/off toggle

Internal cleaning function on/off toggle
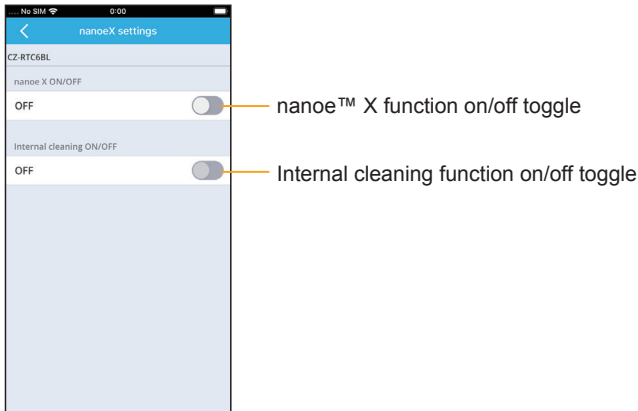
■ Outing function
(Menu → H&C settings → Outing function)

 Outing function on/off toggle

Set the upper temperature and lower temperature for the outing function.
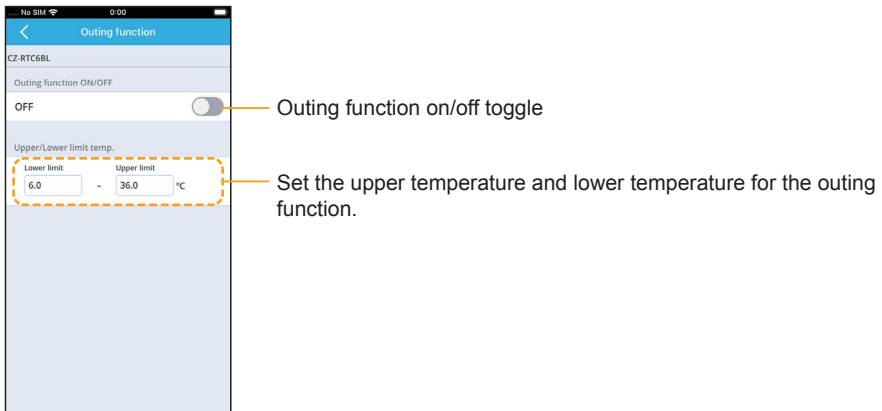
■ **Ventilation**
(Menu → H&C settings → Ventilation)
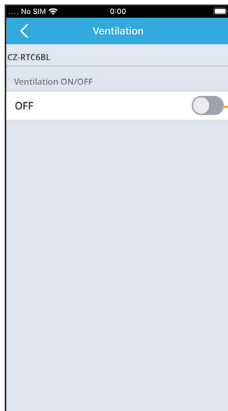
Ventilation operation on/off toggle

■ **Internal drying**
(Menu → H&C settings → Internal drying)
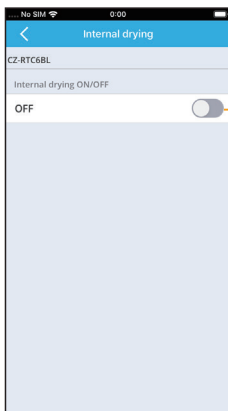
Internal drying function on/off toggle

■ Administrator settings
(Menu → Administrator settings)

Password entry is required to use the administrator settings.
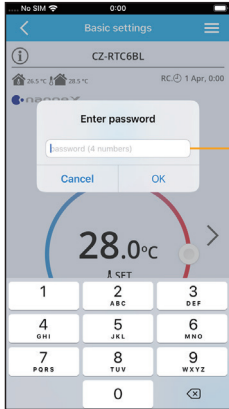
 Input the remote controller's password.

- The administrator settings are enabled for 10 minutes. You are logged out after 10 minutes. (There is a warning displayed 1 minute before.) The password needs to be entered again if you are logged out.
- The password also needs to be entered again if the "Panasonic H&C Control App" ends or if the Bluetooth® connection is interrupted.

■Initial settings
(Menu → Administrator settings → Initial settings)
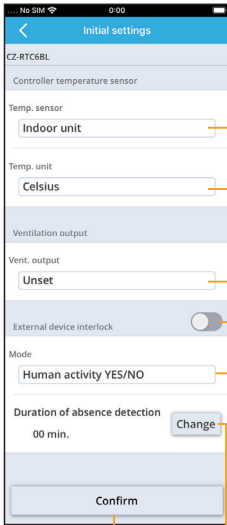
Set whether to use the temperature sensor of the remote controller or the indoor units.

Change the Celsius/Fahrenheit display on the unit displayed on the remote controller

Change the ventilation output setting.
- **Set**
  When the air conditioner is turned ON/OFF, the connected ventilation fan is turned ON/OFF, too.
- To interlock the air conditioner and the fan, another installation work is required.

External device interlock on/off toggle

Select External device interlock mode
- **Human activity YES/NO**
  Synchronizes the presence/absence output of the motion sensor.
- **Indoor unit ON/OFF**
  Synchronizes the operation/stop output of the air conditioner.
- **Thermostat ON/OFF**
  Synchronizes the thermostat ON/OFF output of the air conditioner.

Duration of absence detection
- The operation-off timing can be changed. The setting can be made between 0 and 60 minutes by the minute.

Complete the settings.

■ Schedule peak cut
(Menu → Administrator settings → Schedule peak cut)

This reduces the operation capacity for the specified time period.

Enable/disable toggle

☑ : Enable

▣ : Disable

Add new setting

Set the start time and end time and select the operation capacity.

Complete the settings.

■ Quiet operation
(Menu → Administrator settings → Quiet operation)

Outdoor unit quiet operation on/off toggle

Set the time to perform quiet operation.

Complete the settings.

■ Rotation settings
(Menu → Administrator settings → Rotation settings)

● **Rotation operation**

Equalizes the operation time by stopping the operation in order. This prevents the operation time from being uneven depending on the refrigerant system.

| System1 | Operation | Stand by | Operation | Stand by | Operation |
| System2 | Stand by | Operation | Stand by | Operation | Stand by |
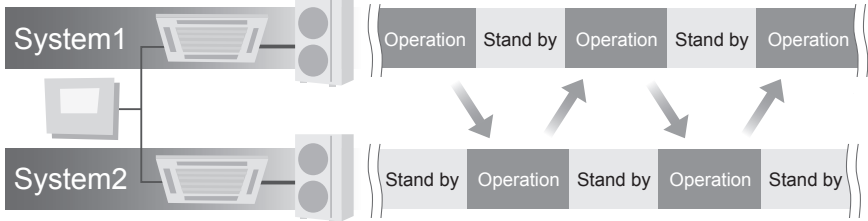
• The rotation operation can be set only when controlling 2 refrigerant systems of Single split system (combination of 1 outdoor unit and 1 indoor unit) by one remote controller.

● **Backup operation**

The backup operation is a support operation performed by a refrigerant system in standby mode when the room temperature does not reach the set temperature due to poor performance or occurrence of an alarm.

Example: When an error occurs while System 1 is in operation and System 2 is in standby, System 2 will start up.

• In normal condition

| System1 | Operation |
| System2 | Stand by |

• When an error occurs in System 1

Power supply error or PCB error

| System1 | Operation | Error |
| System2 | Stand by | Operation |

Bluetooth® settings
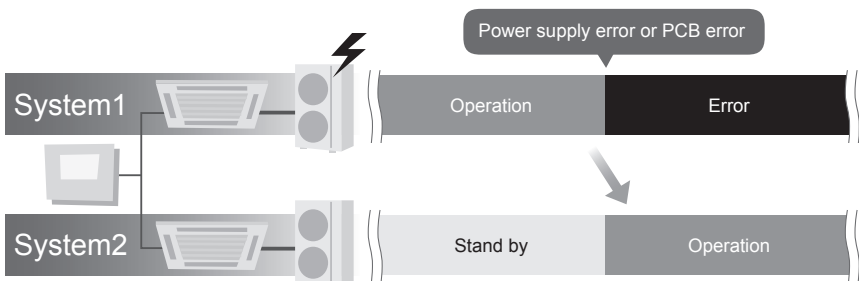
● **ROTATION**
  (Menu → Administrator settings → Rotation settings → Rotation)
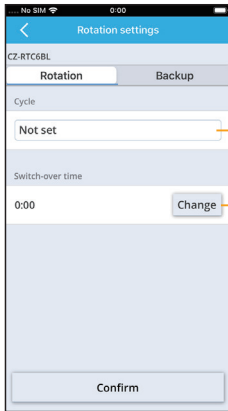
Change the rotation cycle
• 1 to 7 days (by the day) / 14 days / 21 days / 28 days / Not set (Rotation operation OFF)

Set the switch-over time.

● **BACKUP**
  (Menu → Administrator settings → Rotation settings → Backup)
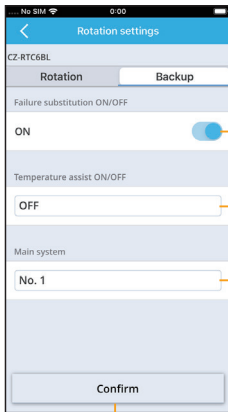
Failure substitution on/off toggle
• When this is set to ON, a system in standby mode will perform the support operation in case of alarm occurrence.

Temperature assist on/off toggle
• **In Cool mode**
  Performs the support operation when the room temperature exceeds "set temperature + set value".
• **In Heat mode**
  Performs the support operation when the room temperature is below "set temperature + set value".

Change the main system setting
• **When "Cycle" is set**
  System that performs the preceding operation
• **When "Cycle" is OFF**
  System that always performs the operation (The other system is a backup system.)

Complete the settings.

■ Operation lock
(Menu → Administrator settings → Operation lock)

 — Locks operations

— Complete the settings.
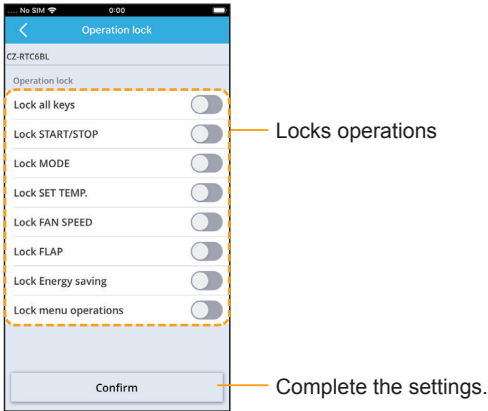
■ Password change
(Menu → Administrator settings → Password change)

Change the remote controller's password.

 — Input new password.

— Retype the password to confirm.

— Complete the settings.
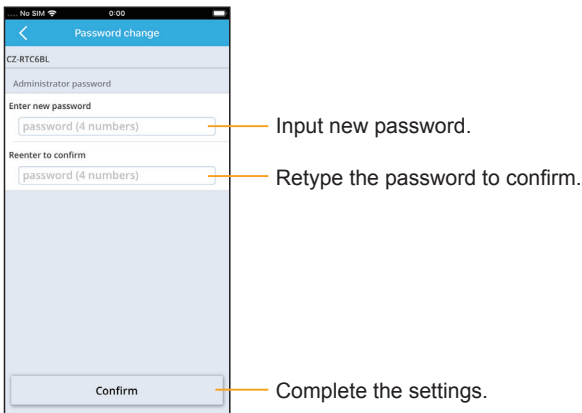
Note

● It is recommended that the password be changed periodically.

■ Group list
(Menu → Group list)

Edit the group name.

Delete the group information.
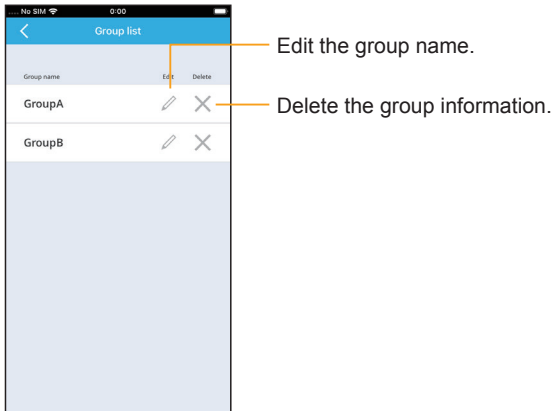
■ Template settings
(Menu → Template settings)

The settings for the weekly timer and the controller can be saved as templates even when there is no connection with the remote controller. When the connection is established with the remote controller, you can load the setting templates you have saved and apply them.

<How to set>

Select "Weekly timer" or "Controller settings" to make a template.

Make the settings you want to save as a template
• You can give any name to the template.
• You can create up to 8 templates.
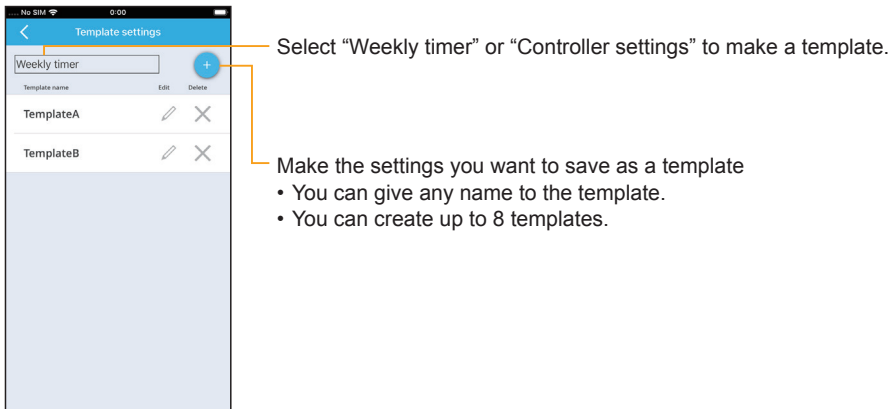
<How to load>
For the weekly timer
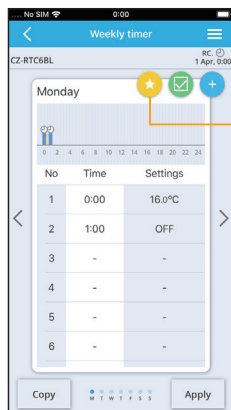
Show the list of saved template settings.

Select the settings to be loaded.
• The template settings are applied to the weekly timer.
• The original data is overwritten.

• The operations for controller settings templates are the same.

Troubleshooting

If operation does not start by pressing ⏻ ...
Check the following before asking for repair.

| When the [START/ STOP is prohibited.] message is displayed | ▶ | ● Being centrally controlled, operation is not possible. |

| Blackout? | ▶ | ● After recovery from blackout, press ⏻ again.
→If operation does not start, turn off the circuit breaker and consult the dealer of purchase about the symptom and Model No. |

| Is the circuit breaker turned off? | ▶ | ● Turn it on and press ⏻ again.
→If operation does not start, turn off the circuit breaker and consult the dealer of purchase about the symptom and Model No. |

| Is [Assigning] blinking? | ▶ | ● After blinking stops, press ⏻ again.
→If operation does not start, turn off the circuit breaker and consult the dealer of purchase about the symptom and Model No. |

Is [⚠] displayed?

Alarm indication (e.g.)

⚠ E04   ✳
UNIT 1-1   ①
28.0℃

Defective indoor unit No.

▶

● If any of the following alarm indications appears, stop operation once and restart approx. 1 minute later.
(Alarm indication, off)
[•E04 •E06 •P10 •P20 •H06]
→If the indication does not reappear, use the unit.
→If the indication reappears or an alarm indication other than the above (combination of numbers and characters such as E, F, H, L and P) appears, stop operation, turn off the circuit breaker and consult the dealer of purchase about alarm indication, Model No. and indoor unit No.

| Cannot stop the operation.
Or the unit starts to run automatically even if ⏻ (Off) button is pressed. | ▶ | ● Check if the outing function is activated or not. (🏃)
● Check control by central control device. |

The remote controller screen displays "ECONAVI" ⟷ "⚠". **(alternately)**	● Faulty sensor or incorrect installation. → Turn OFF the ECONAVI function with the remote controller (P.14) and contact the retailer or point of purchase with the Model No. and problem.
The remote controller screen does not display the ECONAVI.	● The indoor unit has stopped. Turn on the indoor unit. ● The unit is in Fan mode (🌀). The ECONAVI function does not operate in Fan mode. ● The ECONAVI function is set to OFF. Turn the ECONAVI function ON with the remote controller. (P.14) ● The indoor unit may not support the ECONAVI function. If you turn the ECONAVI function ON with the remote controller but there is no change, the indoor unit does not support the ECONAVI function. Please contact the dealer.
The remote controller screen displays "nanoex" ⟷ "⚠". **(alternately)**	● nanoe™ X is considered abnormal. → Turn OFF the nanoe™ X function with the remote controller (P.16) and contact the retailer or point of purchase with the Model No. and problem.
The remote controller screen displays "🕐" ⟷ "⚠". **(alternately)**	● The clock has not been set. → Set the clock. (P.20)

The "Panasonic H&C Control App" cannot be installed in mobile device.	● Check if OS of the mobile device is compatible. The "Panasonic H&C Control App" is not guaranteed to work with all versions of iOS and Android™ OS. See page 61 for the versions of the OS for mobile devices that are supported by the "Panasonic H&C Control App" and the Bluetooth® versions.

Remote controller and mobile device cannot be connected via Bluetooth® functionality.	● Confirm that the remote controller is turned on.
	● Check the following if "⬚" is not displayed on the top screen.
	  – Confirm that the Bluetooth® setting on the remote controller is set to [Enable]. (P.27)
	  – If the mobile device to be connected by Bluetooth® functionality is far away from the remote controller, try getting it as close as possible to the remote controller.
	  – Check the connection method of the remote controller and that of the mobile device (P.29).

The remote controller screen displays "⬚" ↔ "⚠". (alternately)	● Bluetooth® module is considered abnormal. →Set Bluetooth® functionality to [Disable] with the remote controller (P.27) and contact the retailer or point of purchase with the Model No. and problem.

• If you need further assistance, see the contact information on the back cover of the operating instructions for indoor units or outdoor units.

Specifications

Model No.	CZ-RTC6BL / CZ-RTC6WBL
Dimensions	(H) 86 mm x (W) 86 mm x (D) 25 mm
Weight	0.09 kg
Temperature/ Humidity range	0 °C to 40 °C / 20% to 80% (No condensation) * Indoor use only.
Power Source	DC16 V (supplied from indoor unit)
Clock	**Precision**	± 30 seconds/month (at normal temperature 25 °C) * Adjust periodically.
	Holding time	24 hours (When fully charged) (at normal temperature 25 °C) * Approx. 8 hours are required for full charge.
Number of connected indoor units	Indoor unit: Up to 8 units (Within group-controlling)
OS version on the mobile device for "Panasonic H&C Control App"	Check on the relative app store for supported OS versions.
Bluetooth® version	4.2 or later

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Setting Information

Indoor unit model name	
Indoor unit serial number	
Outdoor unit model name	
Outdoor unit serial number	
System commissioning date	
Remote controller installation date	

Installer Contact Details

Name	
Telephone number	

Maximum radio-frequency power transmitted in the frequency bands

Type of wireless	Frequency band	Max EIRP (dBm)
Bluetooth® functionality	2402 - 2480 MHz	6.7 dBm

Regulatory Information

Model No. **CZ-RTC6BL**

⚫R-NZ

MCMC
HIDF16000141

Dilarang melakukan perubahan spesifikasi yang dapat menimbulkan gangguan fisik dan/atau elektromagnetik terhadap lingkungan sekitarnya

69940 / SDPPI / 2020
3903

เครื่องโทรคมนาคมและอุปกรณ์นี้มีความสอดคล้องตามข้อกำหนดของ กทช./กสทช.
This telecommunication equipment conforms to NTC/NBTC technical requirement

NTC
Type Accepted
No. ESD-RCE-2023721

Model No. **CZ-RTC6WBL**

⚠ R-NZ

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