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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.

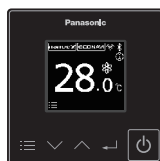
■ You can use your mobile device (a smartphone, for example) to control the air conditioner.

When you want to make settings for a variety of functions when you are near the remote controller



Bluetooth®
functionality

“Panasonic H&C
Control App” (via
Bluetooth® functionality)
(P.28)



Remote Controller

When you want to perform some basic operations when you are out and about

Internet
Wireless LAN



“Panasonic Comfort
Cloud” app (via
wireless LAN network)
(P.60)

Note

- The Bluetooth® functionality and Wireless LAN functionality cannot be used simultaneously.

Safety precautions



WARNING

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



CAUTION

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.

Safety precautions

[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.

[General precautions for Wireless LAN functionality]

- The wireless LAN coverage must include the remote controller installation location.
- Please ensure that the Router supports the WPA2-PSK (TKIP/AES) encryption.
- To complete connection of this remote controller to the wireless network service the Router may be required.
- The End user should read and accept the Terms of use and Privacy Notice in the contents of “Panasonic Comfort Cloud” app.
- There is a risk of unauthorised operation if a vulnerable password is set for the wireless router.
- Users are responsible for all costs associated with downloading and using the “Panasonic Comfort Cloud” app and the remote controller, including without limitation all fees charged by your Device carrier and internet service provider and any other wireless LAN or data access charges.
- Panasonic remote controller is designed for communication to the “Panasonic Comfort Cloud” app.
- Third party wireless LAN interfaces cannot be connected to the “Panasonic Comfort Cloud” app.
- Updates to the service may mean there are changes to the design of the “Panasonic Comfort Cloud” app screen and display.

[Precautions for using mobile device application]

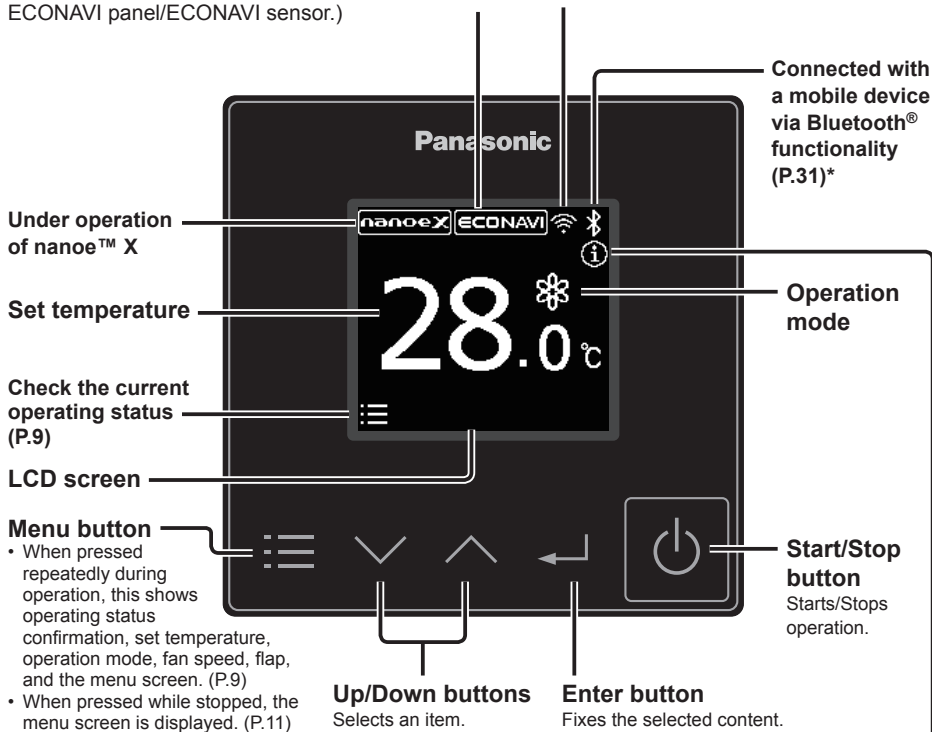
- When operating an air conditioner from a remote controller located outside the visibility of the air conditioner, make sure that the operation of the air conditioner will not negatively affect its surroundings or the occupants beforehand.
- When occupants include children, elderly people, people with 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

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

Connected to a wireless LAN network
via a router (P.63)*



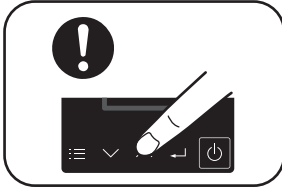
- Setting information icon**
- Only the partial settings can be checked on the top screen. To check all the settings (P.25)
 - You can limit the number of icons to be displayed to simplify the display. (P.24)

Setting information icons displayed on the top screen



- Icon details (P.26)

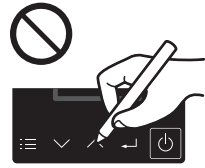
* The Bluetooth® functionality and Wireless LAN functionality cannot be used simultaneously.

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 .



Internal drying in process

- To stop the internal drying operation

Press .

- To resume operation

Press .



Key operations locked

Keys are locked so operations are not possible.

- To return to the top screen

Press .



Prohibited

Being centrally controlled, operation is not possible.

- To return to the top screen

Press .

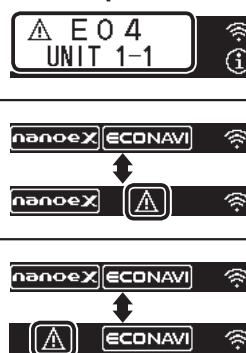


Operation stop screen





When inspection is required

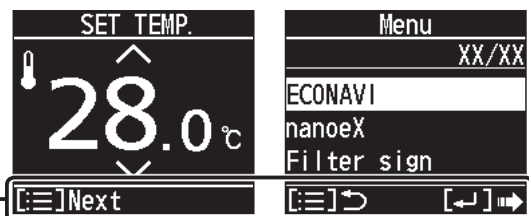
Refer to "Troubleshooting" (P.89).



Operation guide

The currently operable content is displayed.


- : Menu button
- : Enter button

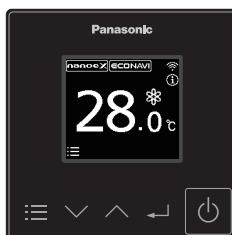


Basic operations

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.24 "Display mode")
In that case, skip Step 2 below.



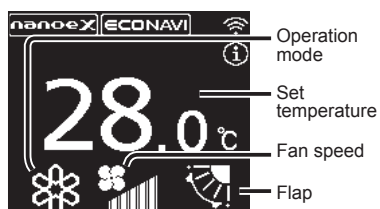
■ To stop operation

Press .


2 Check the current operating status.


Press .

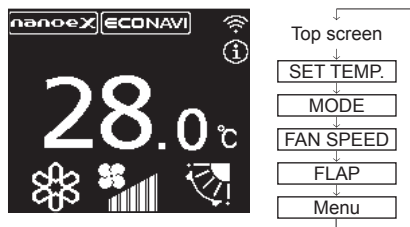
- When no operation is performed for several seconds, the display returns to the top screen.



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 (.



Note

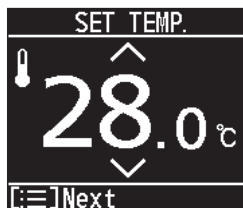
- For models that cannot change the airflow direction, "FLAP" is not displayed.

Set temperature

4 Change the setting. (0.5 °C steps)

Press → .
(Press to finish.)

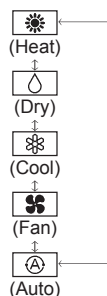
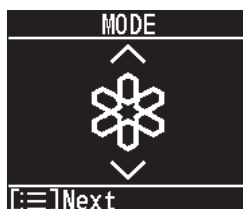
- **Cool/Dry** : 18.0 °C to 30.0 °C
- **Heat** : 16.0 °C to 30.0 °C
- **Auto** : 17.0 °C to 27.0 °C



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.

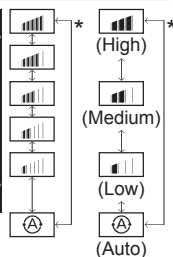
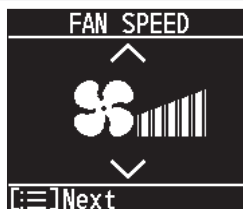


Fan speed

4 Change the setting.

Press → .
(Press to finish.)

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



* Depending on the model, either of the displays appears.

Flap

4

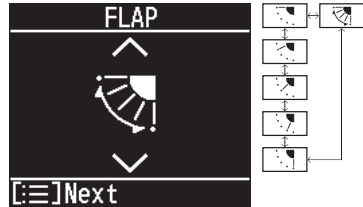
Change the setting.

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.12) 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

	Number for the selected item	Total number of items
		XX/XX
1	ECONAVI	
2	nanoeX	
3	Filter sign	
		XX/XX
4	Outing function	
5	Clock	
6	Clock type	
		XX/XX
7	Controller name	
8	Touch sound	
9	Contrast	
		XX/XX
10	Backlight	
11	Language	
12	Contact address	
		XX/XX
13	Display mode	
14	Bluetooth	
15	WLAN	

1	ECONAVI*	Turns the ECONAVI function ON/OFF.	P.13
2	nanoeX*	Turns the nanoe™ X function ON/OFF.	P.16
3	Filter sign	Resets the time to filter cleaning.	P.18
4	Outing function	Prevents the room temperature from rising too high (or dropping too low) when no one is in the room.	P.19
5	Clock	Sets the present date and time.	P.21
6	Clock type	Sets the type of clock display.	P.21
7	Controller name	Confirms the remote controller name.	P.21
8	Touch sound	Turns the operation sound ON/OFF.	P.22
9	Contrast	Sets the screen contrast.	P.22
10	Backlight	Sets the backlight brightness of the screen.	P.23
11	Language	Sets the display language.	P.23
12	Contact address	Confirms the contact address and telephone number for servicing.	P.24
13	Display mode	Changes the display of the top screen.	P.24
14	Bluetooth	Makes Bluetooth® settings.	P.28
15	WLAN*	Makes wireless LAN settings.	P.60

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

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



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

<p>High activity</p>	<ul style="list-style-type: none"> • Cooling: Target temperature is the same as the set temperature. • Heating: Target temperature is 1 °C lower than the set temperature.
<p>Low activity</p>	<ul style="list-style-type: none"> • Cooling: Target temperature is 1 °C higher than the set temperature. • Heating: Target temperature is the same as the set temperature.
<p>No one in the room</p> <ul style="list-style-type: none"> • When the sensor detects movements in the room which has been empty, it will resume operation to match with the activity level. 	<p>No one in the room for 20 minutes</p> <ul style="list-style-type: none"> • Cooling: Target temperature is 2 °C higher than the set temperature. • Heating: Target temperature is 2 °C lower than the set temperature. <p>No one in the room for 3 hours*</p> <ul style="list-style-type: none"> • When no one is in the room for approx. 3 hours* or more, the unit operates in the specified Absence operation mode. <p>* This depends on the type of indoor unit.</p>

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   → .

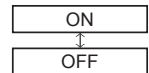
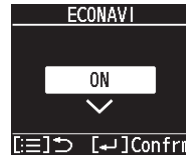


3 Select [ON] or [OFF].

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.



Note

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



nanoe™ X function

Display during operation of nanoe™ X

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   → .

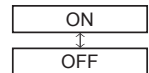
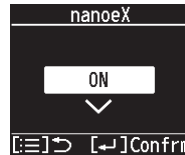


3 Select [ON] or [OFF].

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.



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.

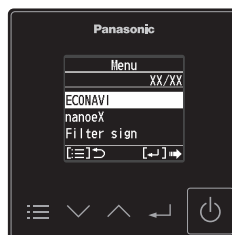
■ When stopped

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.)

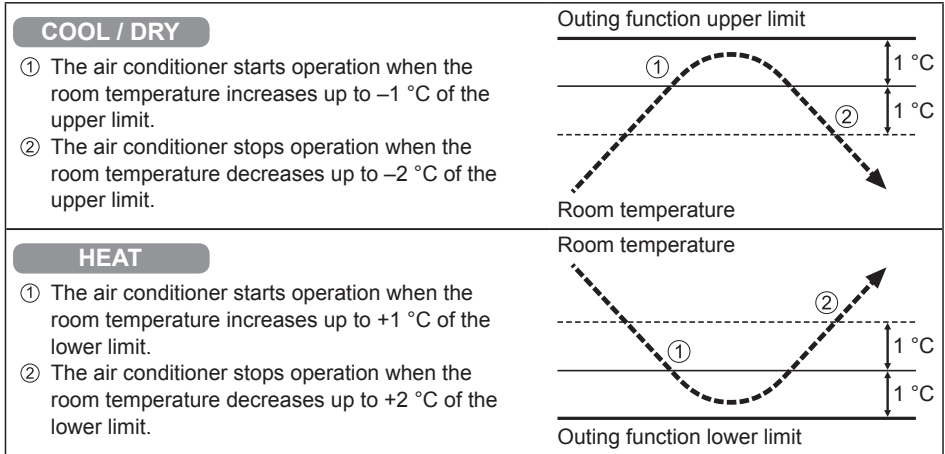
(The filter cleaning time count is reset.)



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



[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**

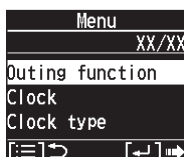
Press  repeatedly until the menu screen is displayed.

• To return to the top screen, press .



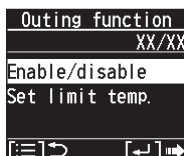
2 Select [Outing function].

Press   → .



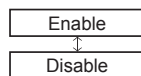
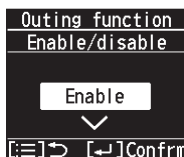
3 Select [Enable/disable].

Press   → .



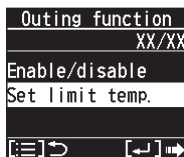
4 Select [Enable].

Press   → .



5 Select [Set limit temp.].

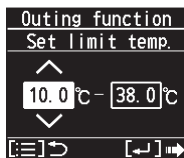
Press   → .





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

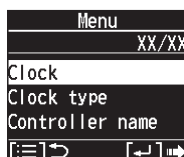
Press  repeatedly until the menu screen is displayed.

- To return to the top screen, press .







2 Select the item to set.

Press   → .



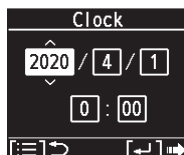
Clock

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.

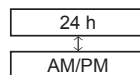


Clock type

3 Select the type to display.

Press   →  → .


(Press to finish.)



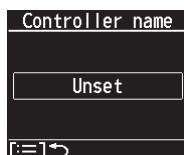
Controller name

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

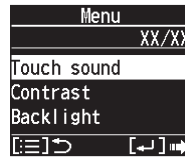
Press  repeatedly until the menu screen is displayed.

- To return to the top screen, press .







2 Select the item to set.

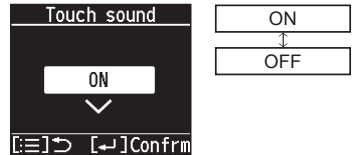
Press   → .



Touch sound





3 Select [ON] or [OFF].

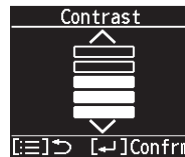
Press   →  → .
(Press to finish.)



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   → .

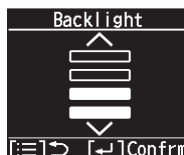


Backlight

3 Set the backlight brightness of the screen.





Press   →  → .

(Press to finish.)



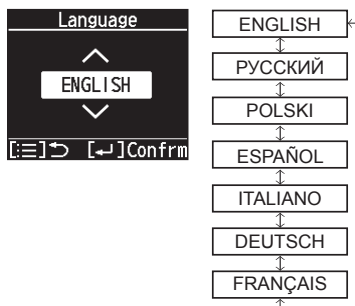
Language

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

Press   →  → .

(Press to finish.)

- Default setting: ENGLISH



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

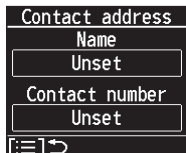
The contact address can be set only with the “Panasonic H&C Control App”.

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:

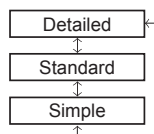
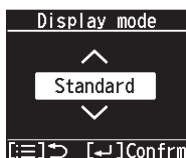
The number of icons is not limited.
During operation, the current operation mode, fan speed, and flap are displayed on the top screen.
(Refer to Step 2 in “Basic operations” (P.9))

• 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.

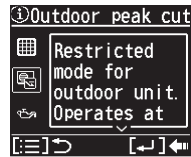
Press  on the top screen.
(Press and hold for 4 seconds or more.)



2 Select the icon.

Press   → .



- Only icons currently being displayed on the screen are displayed here.

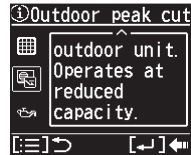


3 Check the meaning of the icon.

Confirm, then press  → .
























(Press to finish.)

- Scroll through the screen with  .


















Setting information list

■ 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.8
	The indoor unit filter needs to be cleaned.	P.18
	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. *	–
	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  and  on the top screen. (Press and hold for 4 seconds or more.)	P.8
	Fresh air is used for ventilation. * (Only when connecting a heat exchange ventilation unit or connecting a commercially sold fan)	–

(Continued on next page)

Icon	Description	Page
	Starts/stops automatically to maintain a set temperature range even when off.	P.19
	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.8
	Internal drying is in process.	P.8
	Connected with a mobile device via Bluetooth® functionality	P.28
 (alternately)	Bluetooth® module is considered abnormal.	P.92
	Connected to a wireless LAN network via a router (Signal strength: Strong)	P.62
	Connected to a wireless LAN network via a router (Signal strength: Moderate)	
	Connected to a wireless LAN network via a router (Signal strength: Weak)	
	Connected to a wireless LAN network via a router (Signal strength: No signal)	
 (alternately)	Wireless LAN module is considered abnormal.	P.92
 (alternately)	Clock not set (reset due to a power outage)	P.91

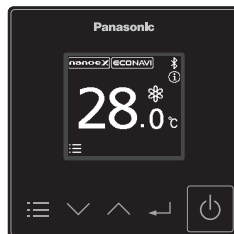
* Can only be set using the “Panasonic H&C Control App”

Bluetooth® settings

Before use, confirm the version of the OS on the mobile device and the Bluetooth® version (P.96), 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*1

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*2

Displays the approximate power consumption for a day, a week or a year.

● Rotation and Backup functions*3

The rotation functions helps you equalize the operating times.

The backup function allows operation to continue even when an error has occurred.


*1 This is not synchronised with the Weekly timer set with the “Panasonic Comfort Cloud” app.

*2 Supported only by models that support the power consumption monitor


*3 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

- Open 
- Search for “Panasonic H&C Control App”.
- Download and install.

For Android™ user

- Open 
- Search for “Panasonic H&C Control App”.
- 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.

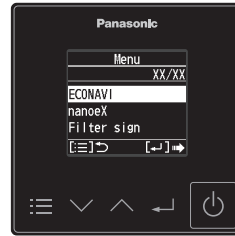
■ When stopped

Press .

■ When operating

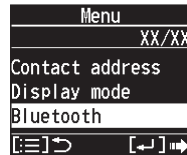
Press  repeatedly until the menu screen is displayed.

- To return to the top screen, press .



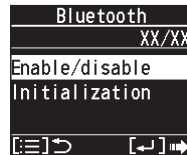
2 Select [Bluetooth].

Press   → .



3 Select [Enable/disable].

Press   → .

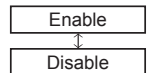
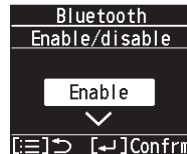


4 Select [Enable].



Press   →  → .

(Press twice to finish.)

- [Enable] cannot be set for the Bluetooth® functionality and Wireless LAN functionality simultaneously.




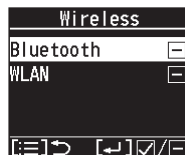
To disable Bluetooth® functionality

1. Start with Step 1 and select [Disable] in Step 4.
2. Press .
3. Press  twice to finish.





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

1. Display the wireless setting screen.

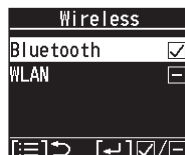
Press  on the top screen.
(Press and hold for 4 seconds or more.)



2. Select (enable) or (disable).

Press   →  → .

(Press to finish.)



- **Bluetooth:**
This setting is the same as Step 4 on page 29.
- **WLAN (Wireless LAN):**
This setting is the same as Step 4 on page 61.
- (enable) cannot be set for the Bluetooth® functionality and Wireless LAN functionality simultaneously.

■ datanavi

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



Connecting with the “Panasonic H&C Control App”

Before connecting, set Bluetooth® functionality to [Enable] on the remote controller. (Step 4 on page 29)

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 “Bluetooth” displayed to the left.



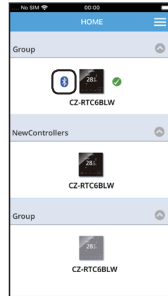
: Remote controller last connected



: Unconnected remote controller within Bluetooth® communication range



: Connected remote controller outside Bluetooth® communication range



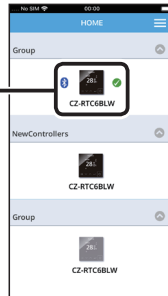
2 Select the remote controller you want to operate.

■ Mobile device

Tap “”.

- If the remote controller is not displayed, slide down to update and the remote controller is detected.

Tap



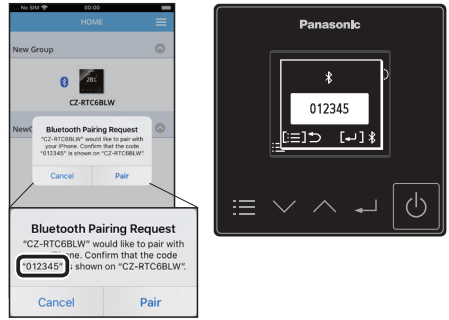
■ When making a Bluetooth® connection for the first time, go to Step 3.

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

Bluetooth® settings

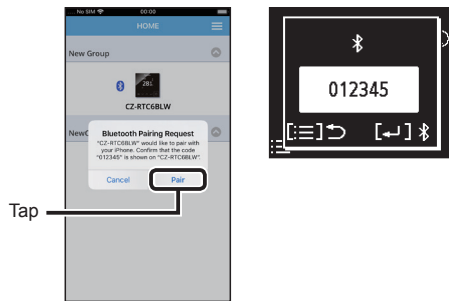
3 Confirm the numbers on the mobile device match the 6 digits on the remote controller.

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




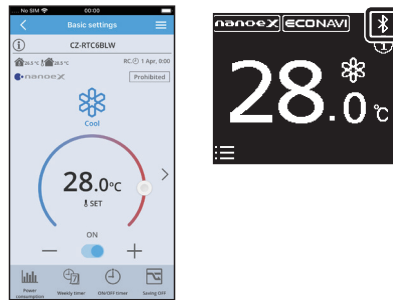
4 Start connecting.

- **Mobile device**
Tap "Pair".
- **Remote controller**
Press .



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 33 to delete the stored mobile device information.

■ To delete all mobile device information stored

At first, set Bluetooth® functionality to [Enable]. (P.29)

1. Display the menu screen.

■ When stopped

Press .

■ When operating

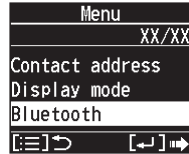
Press  repeatedly until the menu screen is displayed.

- To return to the top screen, press .



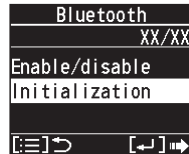
2. Select [Bluetooth].

Press   → .






3. Select [Initialization].

Press   → .

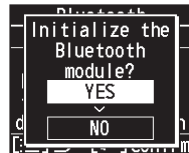


4. Start initialization.

Press  →   → .

(Select [YES])

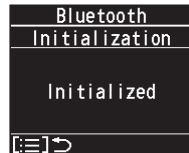
- Do not connect the mobile device via Bluetooth® functionality while initializing.



5. Confirm that initialization has completed.

Confirm, then press .

(Press 3 times to finish.)

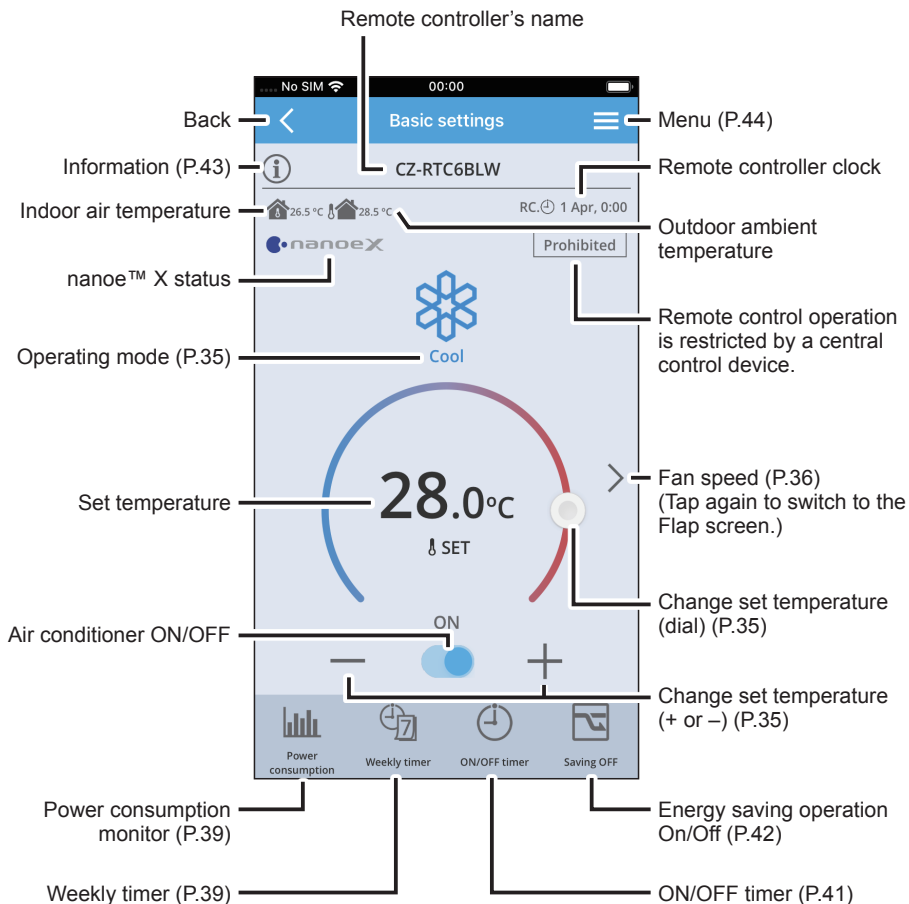


Note

- 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.

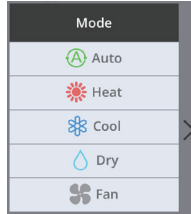


- Functions are not displayed in the “Panasonic H&C Control App” screen if the air conditioner does not support them.

■ 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 -).

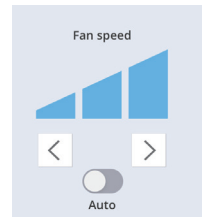
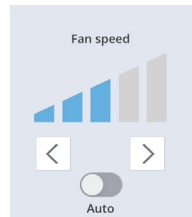
Fan speed



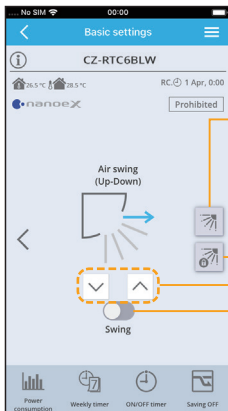
Change fan speed.

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.37).

- Flap setting for each indoor unit

Go to the screen for locking individual flaps (P.38).

Change swing position.

Auto air swing toggle

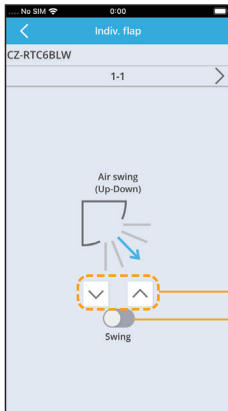
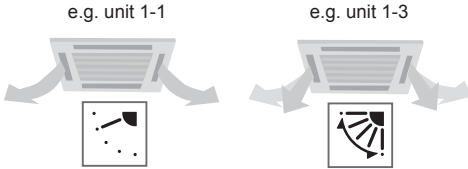
- Press to stop swinging the flap at your preferred position.

- 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.



Select the indoor unit.

- 1-1 → 1-2 to 1-8 (MAX) → ALL
- ALL: All units connected to the remote controller.

Change swing position.

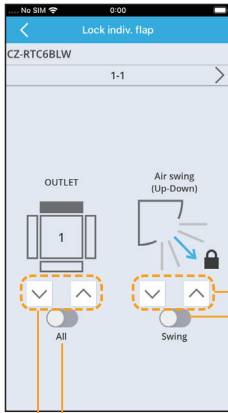
Auto air swing toggle

- 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.37) is changed, the flap directions set here are not changed.

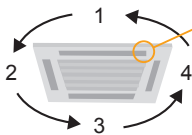


- Select the indoor unit
 - 1-1 → 1-2 to 1-8 (MAX) → ALL
 - ALL: All units connected to the remote controller.

- Change swing position
- Auto air swing toggle

All the air outlets

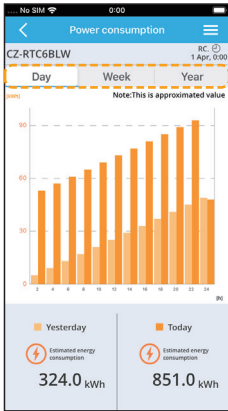
Select the air outlet



- 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.

The screenshot shows the 'Weekly timer' screen for device CZ-RTC6BLW. At the top, there are icons for a star, a timer, and a plus sign. Below is a section for 'Monday' with a 24-hour clock. A table lists saved settings:

No.	Time	Settings
1	23:00	16.0°C
2	-	-
3	-	-
4	-	-
5	-	-
6	-	-

At the bottom, there are 'Copy' and 'Apply' buttons. Annotations with arrows point to various UI elements:

- Show the list of saved template settings (points to the table)
- On/Off timer toggle (points to the timer icon)
- ☑ : Enable (points to the checked checkbox)
- ☐ : Disable (points to the unchecked checkbox)
- Add new timer (points to the plus sign)
- Select the day of the week. (points to the 'Monday' header)
- Change/delete timer (points to the star icon)
- Edit timer (points to the timer icon)
- Complete the settings. (points to the 'Apply' button)
- Copy timer (points to the 'Copy' button)

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.



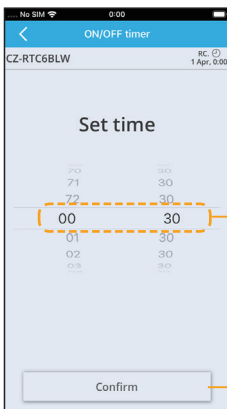
Set the OFF timer.

Set the ON timer.



Cancel the OFF (ON) timer

- "Unset" is displayed when cancelled.



Edit timer


Complete the settings.


■ Energy saving

Refer to page 49 for information about the function.



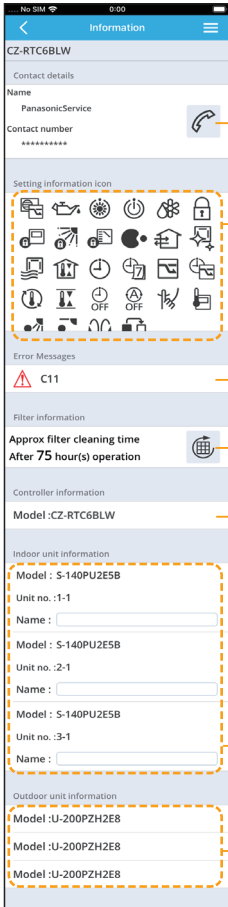
Energy saving operation on/off toggle

 : 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 “

Display remote controller information.

Display indoor unit information.

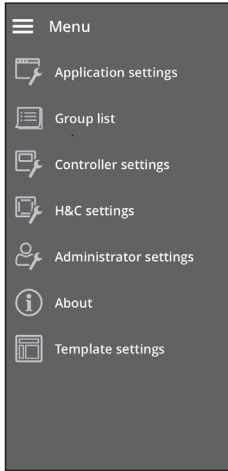
Display outdoor unit information.

Bluetooth® settings

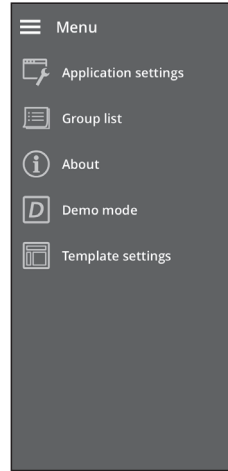
■ Menu list

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



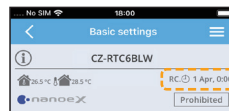
Depending on the model, there are some menus that are not available. The menu is not displayed in this case.

* 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



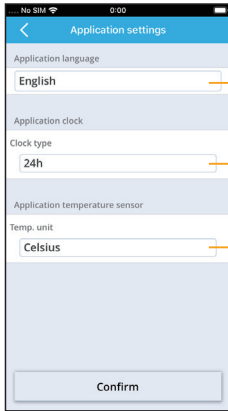
Figure 2



■ Application settings (Menu → Application settings)

Change the application's settings.

(Refer to page 46 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

Bluetooth® settings

■ Controller settings (Menu → Controller settings)

Change the remote controller's settings.

The screenshot shows the 'Controller settings' screen for a device named 'CZ-RTC6BLW'. The settings are as follows:

- Controller name:** CZ-RTC6BLW
- Controller language:** English
- Controller clock:** 2020/4/1 0:00
- Clock type:** 24h
- Controller temperature sensor:** Celsius
- Controller sound:** On
- Touch sound:** Off
- Contrast:** Low
- Backlight:** Dark
- Controller display mode:** Standard
- Indoor units:** Three units are listed, each with a model number (S-140PU2E5B) and a name field.

Callouts from the right side of the image point to these settings with the following descriptions:

- 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

An inset window titled 'Set controller clock' is shown, displaying a calendar for the year 2020. The date 2020/4/1 00:00 is selected. The window has 'Sync.' and 'OK' buttons at the bottom.

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

Direct/Indirect airflow	<ul style="list-style-type: none"> • 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)	<ul style="list-style-type: none"> • 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.



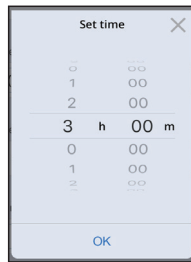
ECONAVI function on/off toggle

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



Bluetooth® settings

*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

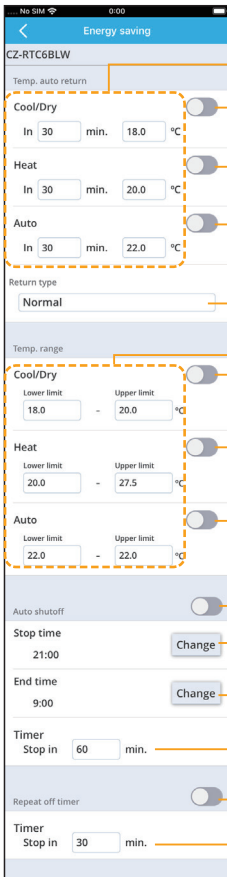
Restricting the temperature range that can be set. (Temperatures outside the range cannot be set.)

● 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

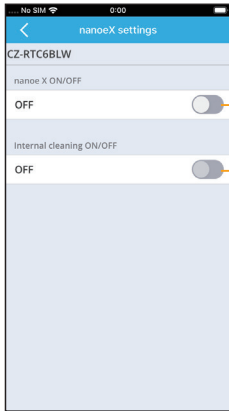
Time interval to detect operation status after [Stop time]

Repeat off timer on/off toggle.

Set the timer to stop.

Bluetooth® settings

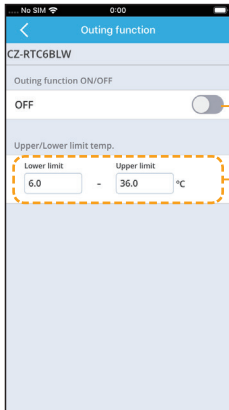
■ nanoeX settings (Menu → H&C settings → nanoeX settings)



nanoe™ X function on/off toggle

Internal cleaning function on/off toggle

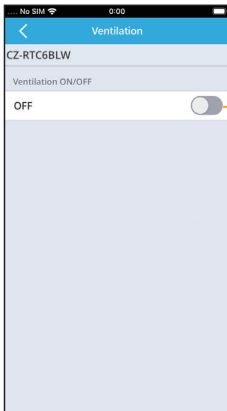
■ Outing function (Menu → H&C settings → Outing function)



Outing function on/off toggle

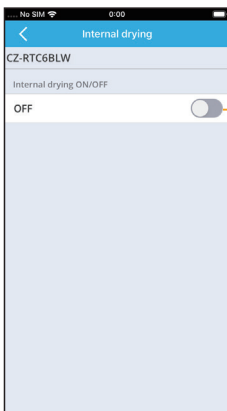
Set the upper temperature and lower temperature for the outing function.

■ **Ventilation**
(Menu → H&C settings → Ventilation)



Ventilation operation on/off toggle

■ **Internal drying settings**
(Menu → H&C settings → Internal drying)

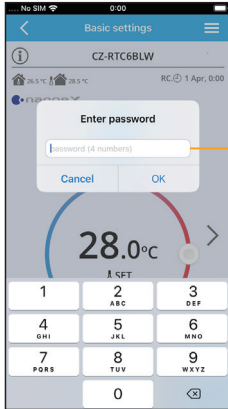


Internal drying function on/off toggle

Bluetooth® settings

■ Administrator settings (Menu → Administrator settings)

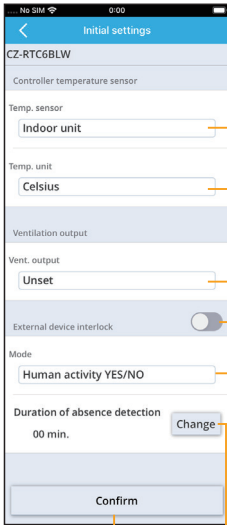
Password entry is required to use the administrator settings.



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.

Bluetooth® 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

No.	Start time	End time	Capacity
1	0:00	1:00	60%
2	2:00	3:00	75%
3	-	-	-%
4	-	-	-%

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

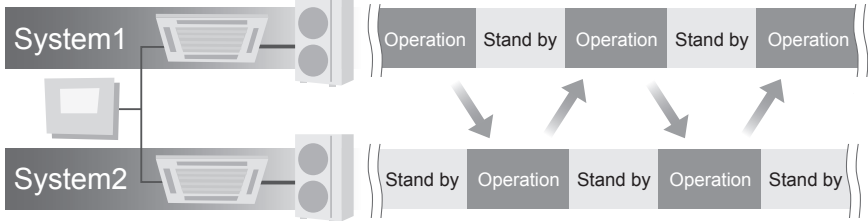
Set the time to perform quiet operation.

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.



- 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

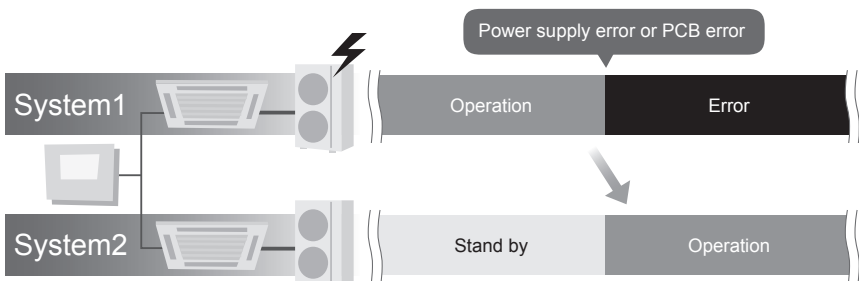
The backup operation is a support operation performed by a refrigerant system in standby mode when the room temperature does not reach the set temperature due to poor performance or occurrence of an alarm.

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



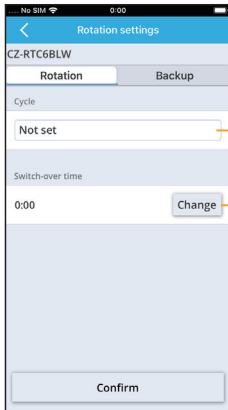
- When an error occurs in System 1



Bluetooth® settings

● ROTATION

(Menu → Administrator settings → Rotation settings → Rotation)

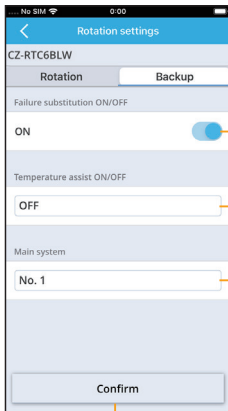


Change the rotation cycle
• 1 to 7 days (by the day) / 14 days / 21 days / 28 days / Not set
(Rotation operation OFF)

Set the switch-over time.

● BACKUP

(Menu → Administrator settings → Rotation settings → Backup)



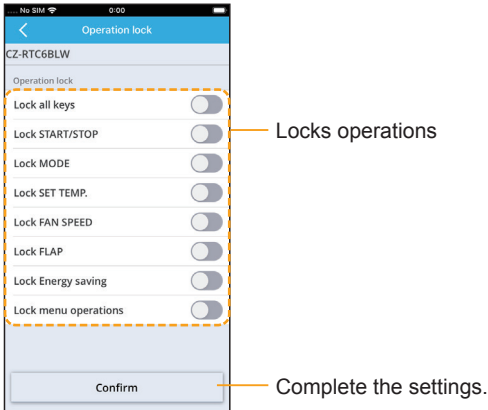
Failure substitution on/off toggle
• When this is set to ON, a system in standby mode will perform the support operation in case of alarm occurrence.

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.)

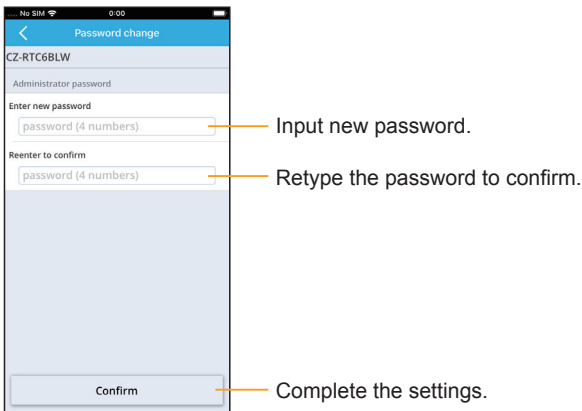
Complete the settings.

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



■ Password change (Menu → Administrator settings → Password change)

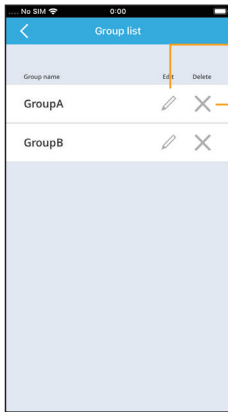
Change the remote controller's password.



Note

- It is recommended that the password be changed periodically.

■ **Group list**
(Menu → Group list)



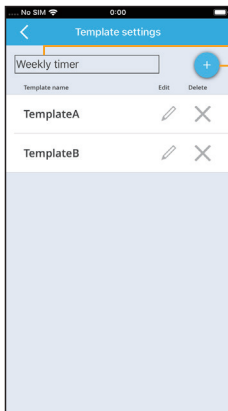
Edit the group name.

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>

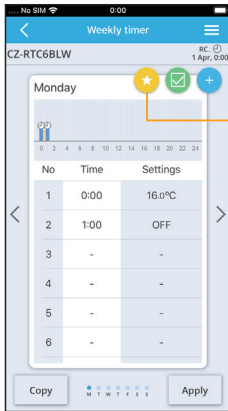


Select "Weekly timer" or "Controller settings" to make a template.

- 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.

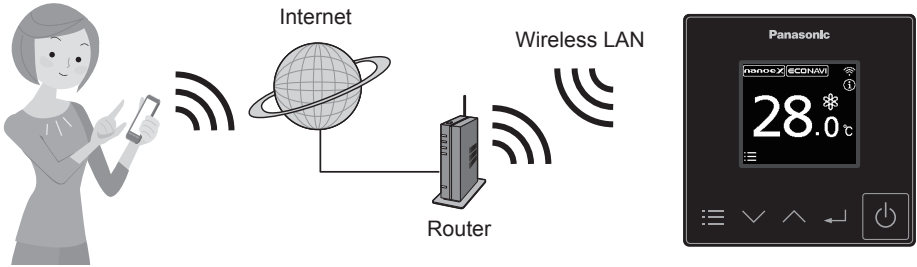
- The operations for controller settings templates are the same.

Wireless LAN settings

Before use, confirm the version of the OS on the mobile device (P.96), and install the “Panasonic Comfort Cloud” app onto the mobile device. In addition, be sure to read the “General precautions for Wireless LAN functionality” (P.5).

“Panasonic Comfort Cloud” app

You can use the “Panasonic Comfort Cloud” app on your mobile device to control the air conditioner when you are out and about.



■ Functions that can be set with the “Panasonic Comfort Cloud” app

- Operation start/stop, Operation mode, Set temperature, Fan speed, Flap
- Weekly timer*1

The operation ON/OFF schedule or temperature setting schedule can be set by setting the day and time.

- Statistics*2

Displays the approximate power consumption*3, room temperature or outdoor temperature.

*1 This is not synchronised with the Weekly timer set with the “Panasonic H&C Control App”.

*2 The data for Statistics is collected on and managed by a Panasonic server. The power consumption data in particular may possibly show a difference to the data shown on the “Panasonic H&C Control App”.

*3 Supported only by models that support the power consumption monitor

■ Installing the “Panasonic Comfort Cloud” app

For iOS user

- Open  App Store
- Search for “Panasonic Comfort Cloud” app.
- Download and install.

For Android™ user

- Open  Google Play
- Search for “Panasonic Comfort Cloud” app.
- Download and install.

- You need to login with your Panasonic ID to use the “Panasonic Comfort Cloud” app. (P.63)
- There is no charge for using the “Panasonic Comfort Cloud” app. However, other charges may be incurred for connection and operation.
- The “Panasonic Comfort Cloud” app screen may change without notice due to updates.
- The screen operations are the same on iOS and Android™.
- The remote controller is available for use with all indoor units of commercial air conditioners released in April 2020 and after (PACi NX series and subsequent series) with names which start with “S-” except S-80/125MW1E5.*4.

*4 As of October 2020


Wireless LAN functionality

1 Display the menu screen.

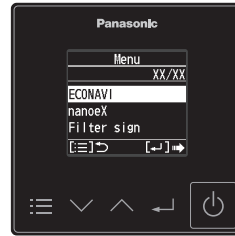
■ When stopped

Press .

■ When operating

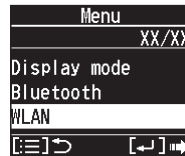
Press  repeatedly until the menu screen is displayed.

- To return to the top screen, press .



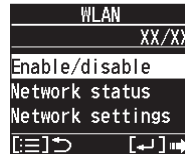
2 Select [WLAN].

Press   → .



3 Select [Enable/disable].

Press   → .

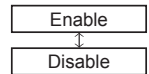
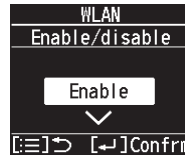


4 Select [Enable].



Press   →  → .

(Press twice to finish.)

- This can also be set using the procedure shown on page 30.
- [Enable] cannot be set for the Bluetooth® functionality and Wireless LAN functionality simultaneously.



To disable Wireless LAN functionality

1. Start with Step 1 and select [Disable] in Step 4.
2. Press .
3. Press  twice to finish.

Note

- Depending on the type of indoor unit, the display shown on the right may appear.



Network status


At first, set Wireless LAN functionality to [Enable]. (P.61)

1 Display the menu screen.

■ **When stopped**

Press .

■ **When operating**

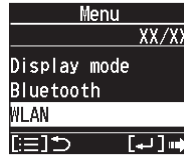
Press  repeatedly until the menu screen is displayed.

- To return to the top screen, press .



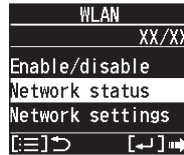
2 Select [WLAN].

Press   → .




3 Select [Network status].


Press   → .



4 Check the status of the connection to the wireless LAN network.





Confirm, then press .
(Press 3 times to finish.)

- **Not connected to router**
- **Connecting to router**
- **Operating in Auto mode**
- **Operating in Manual mode**
- **Connected to router:**

“” is displayed on the top screen.

An icon is displayed to indicate the strength of the wireless LAN signal (table shown on the right).



Icon	Signal strength
	Strong
	Moderate
	Weak
	No signal

Connecting network

At first, set Wireless LAN functionality to [Enable]. (P.61)
Establish network connection to the internet via Wireless mode.

■ Before setting

- Confirm the wireless router is connected to the network and the router has access to the internet.
- Confirm the Wireless LAN of the mobile device is activated.
- Mobile device and air conditioner should be connected to the same wireless LAN.
- Ensure Wireless LAN is broadcasting SSID.

■ Setting flow

You will need to operate both the remote controller and the “Panasonic Comfort Cloud” app to perform these settings.

- ① Start the “Panasonic Comfort Cloud” app (Step 1)
- ② Connect wirelessly with a router (Step 2 - Step 5)
- ③ Register the information for the air conditioner on the server (Step 6 - Step 7)

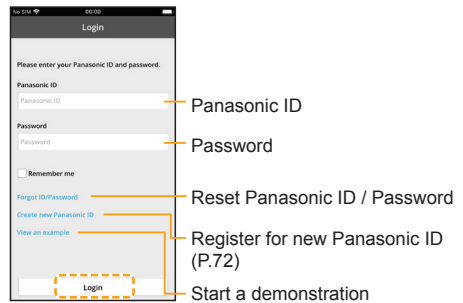
< ① Start the “Panasonic Comfort Cloud” app >

1 Start the “Panasonic Comfort Cloud” app and login.

- If you do not have a Panasonic ID, create one and then login. (Refer to “To create new Panasonic ID” (P.72) for details.)

■ Mobile device

Enter the information required for login and tap “Login”.



< ② Connect wirelessly with a router >

2 Add new air conditioner device.

- The air conditioner needs to be registered before using “Panasonic Comfort Cloud” app.

Wireless LAN settings

1. At My Home screen, tap “+” to add new product.

- Mobile device

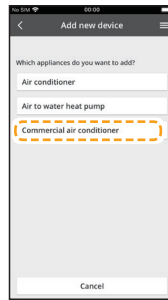
Tap “+”.



2. Select the “Commercial air conditioner” and choose the “Wired Remote controller”.

- Mobile device

Tap “Commercial air conditioner”.



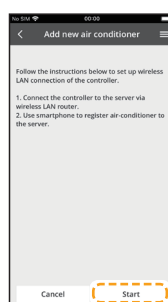
Tap “Wired Remote controller”.



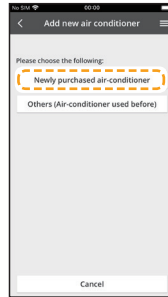
3. Tap “Start” to begin the connection setup.

- Mobile device

Tap “Start”.



Then, tap “Newly purchased-air conditioner”.



3 Make the settings for network connection.

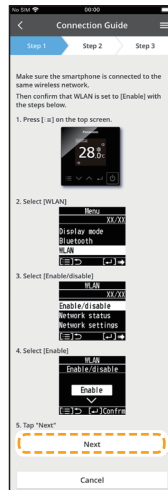
1. After confirming that the **Wireless LAN functionality on the remote controller is set to [Enable] (P.61)**, tap “Next”.

■ **Remote controller**

Follow the instructions on the app screen.

■ **Mobile device**

Tap “Next”.



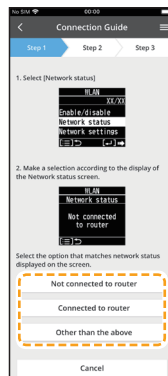
2. Select the option that matches the status displayed on the remote controller screen.

■ **Remote controller**

Follow the instructions on the app screen.

■ **Mobile device**

Tap to select the option.

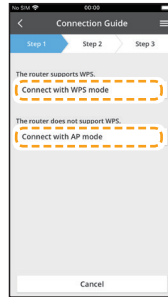


Wireless LAN settings

3. Select the preferred router support connectivity mode.

■ Mobile device

Tap to select the option.



Refer to your router's operating instructions and proceed as follows.

■ If the router supports the WPS mode, go to Step 4.

■ If the router does not support the WPS mode, or if you do not know whether it supports the mode, go to Step 5.

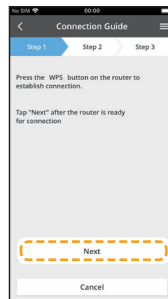
4 Connect to the network using WPS mode.

1. Press the WPS button on the router to establish connection.

2. Tap "Next" after the router is ready for connection.

■ Mobile device

Tap "Next".



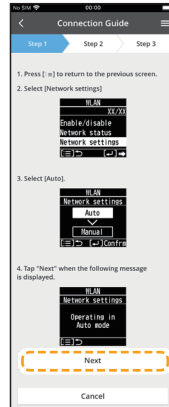
3. Make the remote controller operate in Auto mode.

■ Remote controller

Follow the instructions on the app screen.

■ Mobile device

Confirm that “Operating in Auto mode” is displayed then tap “Next”.

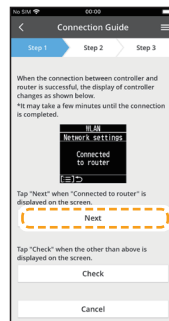


4. When the network connection to the router is successful, “Connected to router” is displayed on the remote controller screen.

- It may take some minutes for the connection to be established.

■ Mobile device

Tap “Next”.



Note

- If the remote controller screen does not change to “Connected to router”, check the wireless LAN router connections.

- This completes the settings for connecting to the router. Go to Step 6 to continue making the settings.

5 Connect to the network using AP mode. (For iOS 11.0 or later and Android™ 4.4 or later only)

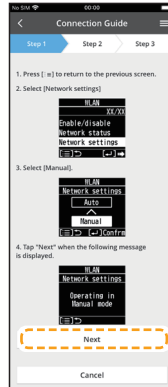
1. Make the remote controller operate in Manual mode.

■ Remote controller

Follow the instructions on the app screen.

■ Mobile device

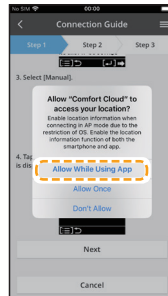
Confirm that “Operating in Manual mode” is displayed, then tap “Next”.



2. Join to connect to the “Panasonic-CZ-C-wirelessAP” network.

■ Mobile device

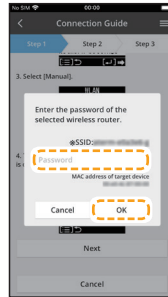
(First time only)
Tap “Allow While Using App”.
Then, tap “Join”.
(Subsequent connections)
Tap “Join”.



3. Enter the password of the selected wireless router and continue.

■ Mobile device

Enter the password, then tap “OK”.

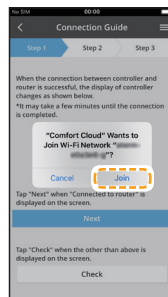
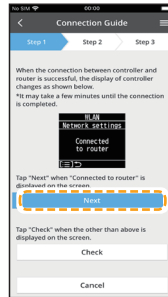


4. When the network connection to the router is successful, “Connected to router” is displayed on the remote controller screen.

- It may take some minutes for the connection to be established.

■ Mobile device

Tap “Next”. Then, tap “Join”.



Note

- If “Connected to router” is displayed on the remote controller, connect the mobile device to wireless router. (return to this application after completing the wireless network settings to continue the setup)
- If the remote controller screen does not change to “Connected to router”, check the wireless LAN router connections.

■ This completes the settings for connecting to the router. Go to Step 6 to continue making the settings.

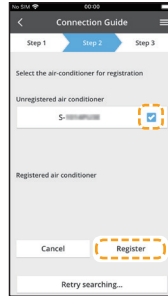
< ③ Register the information for the air conditioner on the server >

6 Select the air conditioner and set the password.

1. Select the air conditioner model to register the device.

■ **Mobile device**

Tap the indoor unit model number to register. Then, tap “Register”.



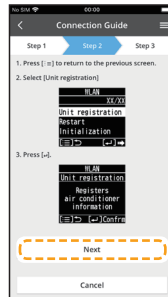
2. Make the remote controller operate in registration mode.

■ **Remote controller**

Follow the instructions on the app screen.

■ **Mobile device**

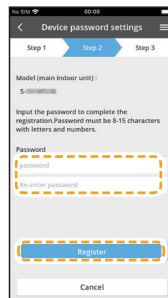
Tap “Next”.



3. Set a password for new air conditioner model to complete the registration. Password must be between 8-15 characters with letters and numbers.

■ **Mobile device**

Tap and enter the password. Then, tap “Register”.



Note

- Keep the password for future use with additional user registrations.

7 Complete registration.


Once connection is established between the app and the new air conditioner, set a preferred name for this air conditioner to help identify it.

- By registering the new name of air conditioner, the function of “Panasonic Comfort Cloud” app is ready to be used.

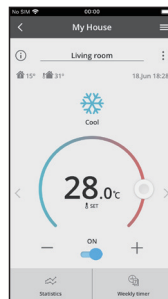
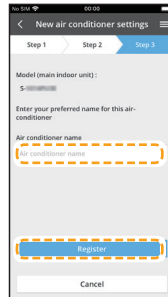
■ Mobile device


Tap and enter the name.
Then, tap “Register”.

■ Remote controller

Press .
(Press twice to finish.)

- In addition to operation control, this application can monitor the estimated energy consumption and perform comparisons for different time frames by referring to the statistic's graph.



 is displayed on the top screen of the remote controller when network settings are completed.

The network information and air conditioner information are saved in the Wireless LAN module, so even if the power of the remote controller is lost due to a power failure, the connection with the network is automatically re-established using the saved information when power is restored.

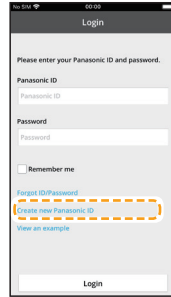
Note

- Confirm the “Panasonic Comfort Cloud” app’s screen connectivity status before or during the operation, if the status is not reflected, use in-house remote controller to operate.

■ To create new Panasonic ID

If you do not have a Panasonic ID, create one and then login.
 Use “Panasonic Comfort Cloud” app as an option to control the air conditioner.

- For new user, select “Create new Panasonic ID” to register.
 Password must be 8-16 characters with letters and numbers.
 You can input the following characters. (As of October 2020)




Numeric characters	0123456789
Alphabetical characters (upper and lower cases)	ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz
Symbols	~!@#\$\$%^&*()-_+={}[]

- For registered user, login using your Panasonic ID and password.

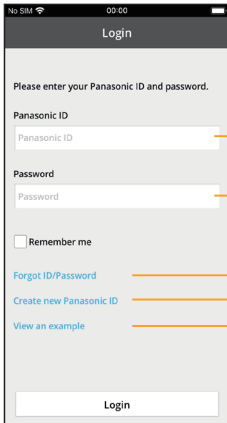
Note

- It is recommended that the password be changed periodically.

Operating with the “Panasonic Comfort Cloud” app

Before use, confirm that the remote controller is connected to the router (“” is displayed on the top screen of the remote controller).

Login



Panasonic ID

Password

Reset Panasonic ID / Password.

Register for new Panasonic ID.

Start a demonstration.

■ Home screen



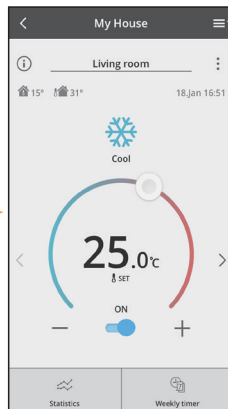
1st group

Device

Add new device (P.63)

2nd group

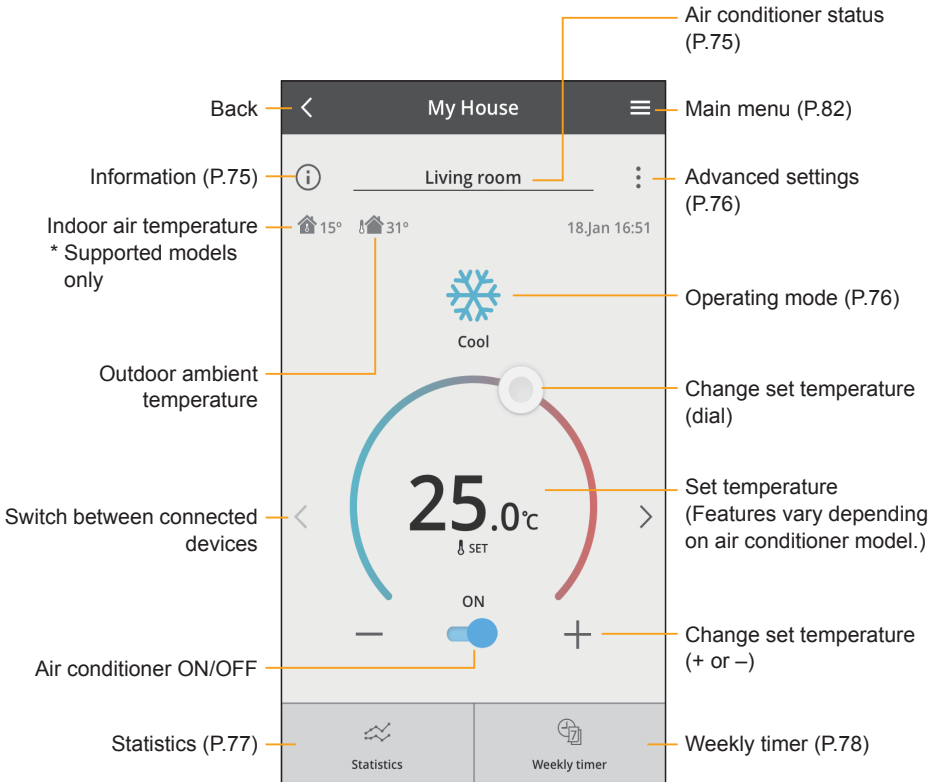
Tap



This Operating Instructions can be found under Menu tab.

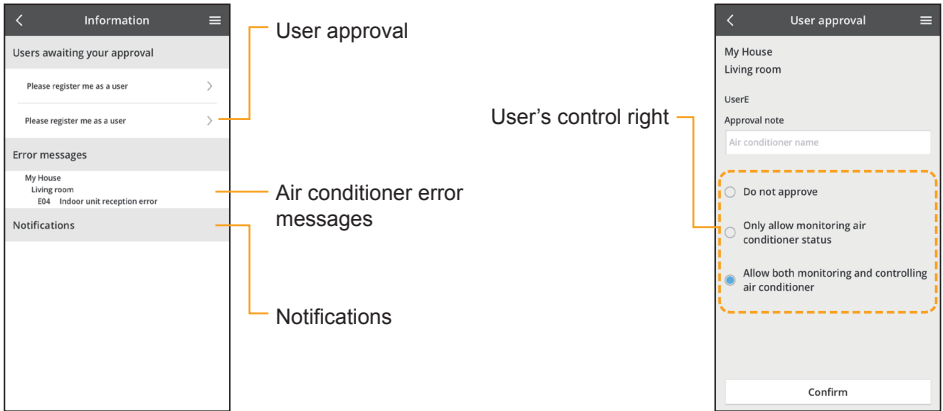
The “Panasonic Comfort Cloud” app is connected to the remote controller and ready for use.

Main device screen



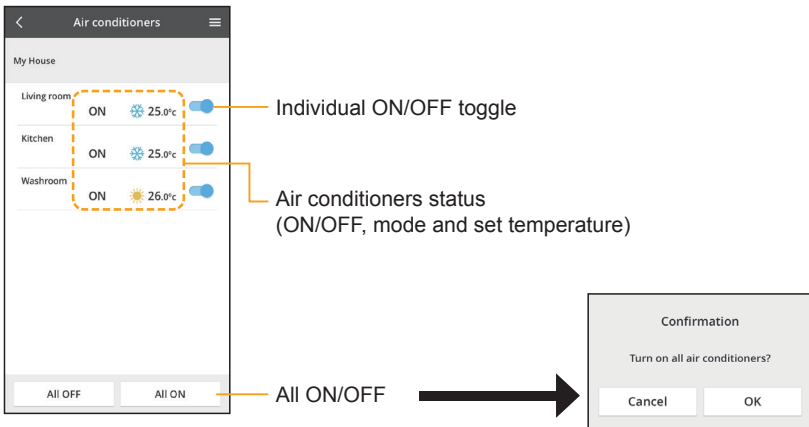
Information

This shows a list of users awaiting approval.



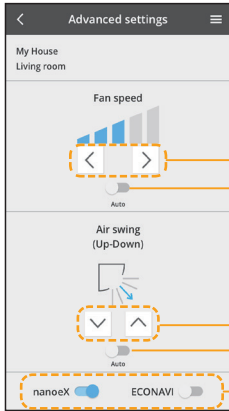
Air conditioner status

Status of all air conditioners in the same group.



Wireless LAN settings

■ Advanced settings



(Features vary depending on air conditioner model.)

Change fan speed.

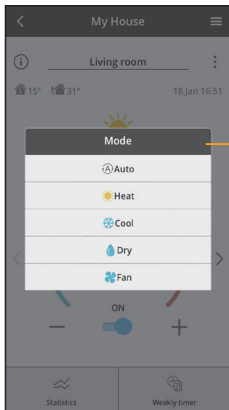
Auto fan toggle

Change swing position.

Auto air swing toggle

Additional features ON/OFF

■ Operating mode

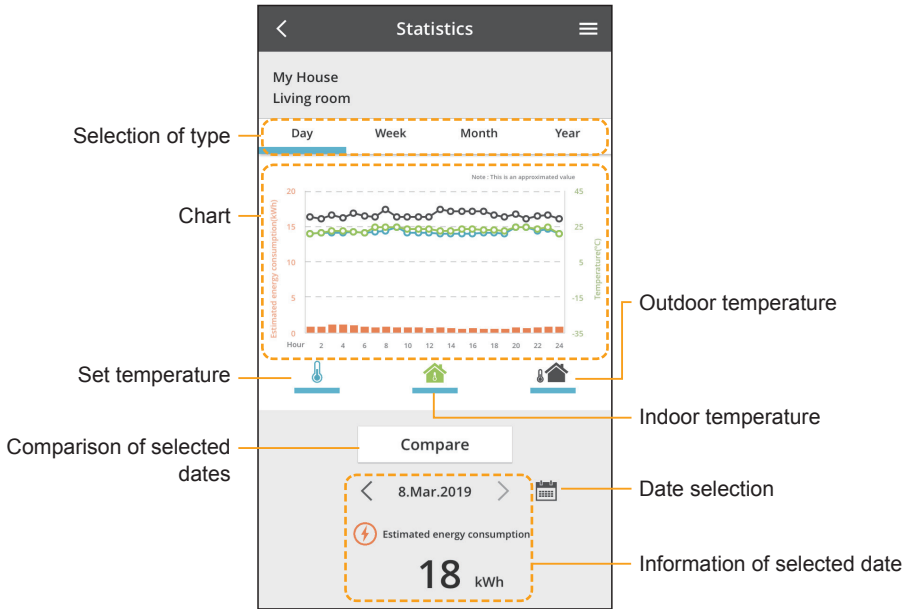


(Features vary depending on air conditioner model.)

Mode selection

* Supported models only

■ Statistics



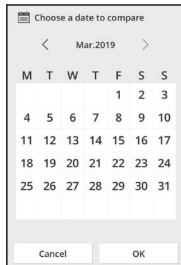
* Estimated energy consumption may not be supported by certain models.

Comparison

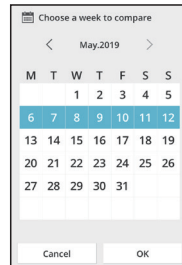


Information of date selected for comparison

- Dates are greyed out if data could not be obtained.



Date selection



Week selection



Month selection



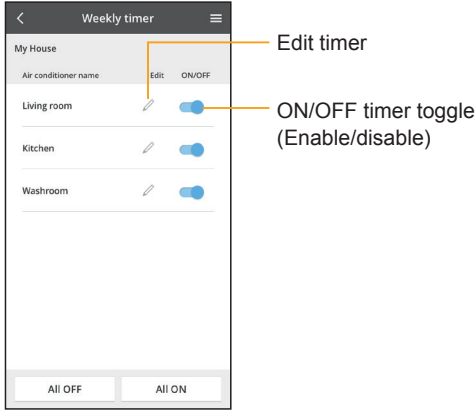
Year selection

Wireless LAN settings

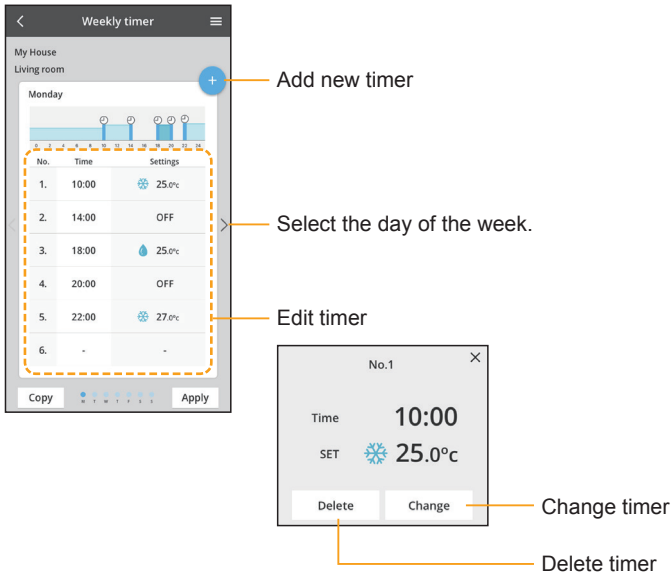
■ Weekly timer

<Add/edit timer>

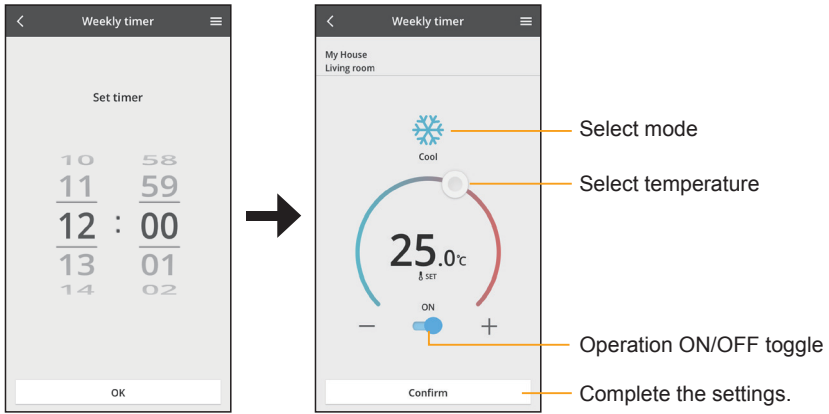
1. Tap “Edit timer”.



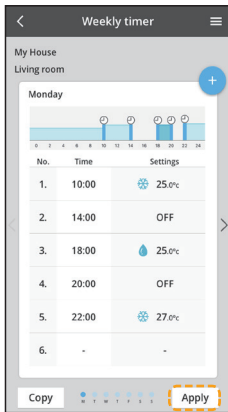
2. Add new timer or edit timer.



3. Set time and conditions.



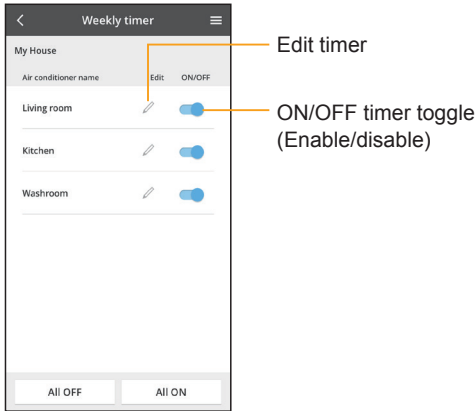
4. Tap "Apply" to complete settings.



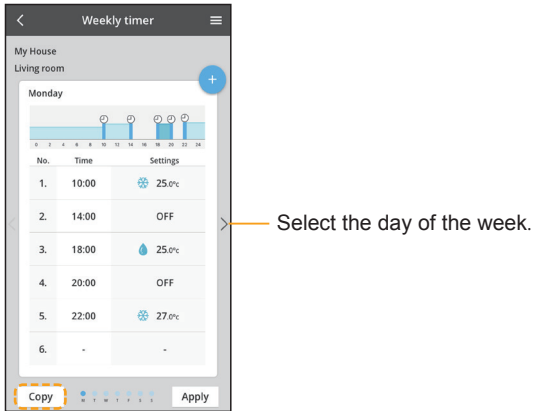
Wireless LAN settings

<Copy timer>

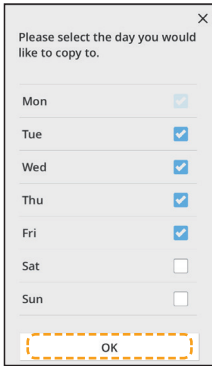
1. Tap "Edit timer".



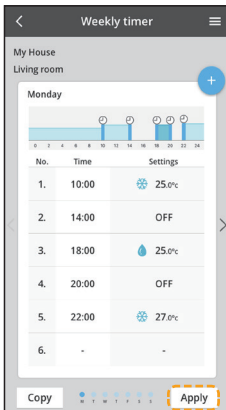
2. Select the copy source day. Then, tap "Copy".



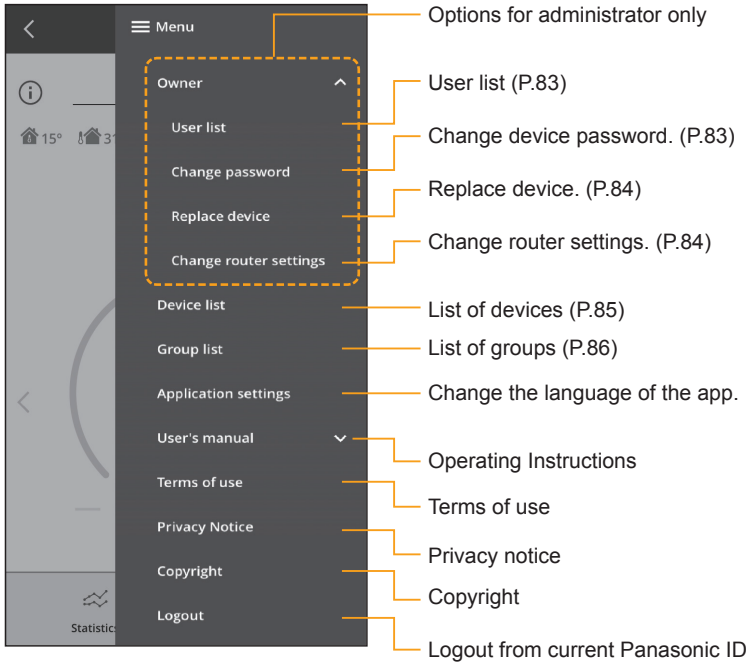
3. Select the day of the week (setting destination) to apply settings. Then, tap “OK”.



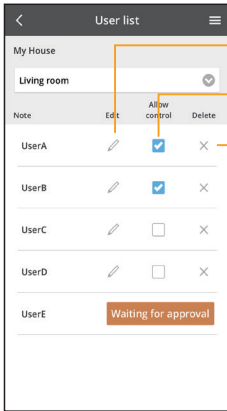
4. Tap “Apply” to complete settings.



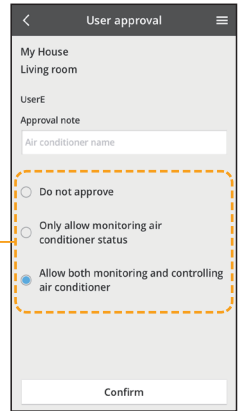
Main menu



■ **User list**
(Menu → Owner → User list)

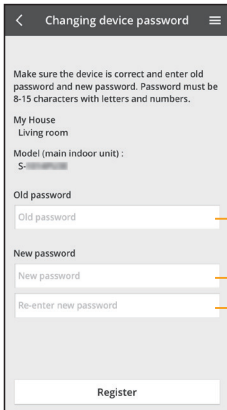


- Edit the name of the user.
- Enable control of user.
- Edit / delete the user control.



— User's control rights

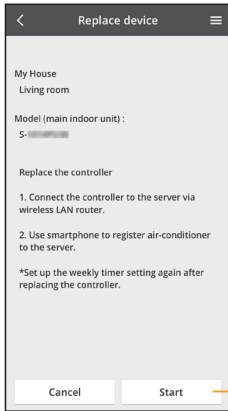
■ **Changing device password**
(Menu → Owner → Change device password)



- Enter old password.
- Enter new password.
- Retype new password.

Wireless LAN settings

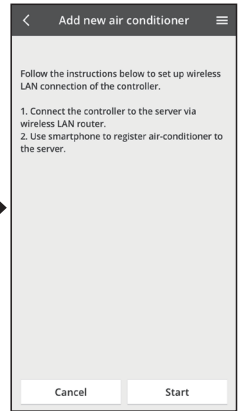
■ Replacing device (Menu → Owner → Replace device)



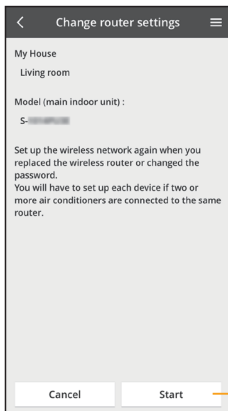
Select "Replace device" from the menu.

Tap "Start".

Follow step-by-step instructions on the app.



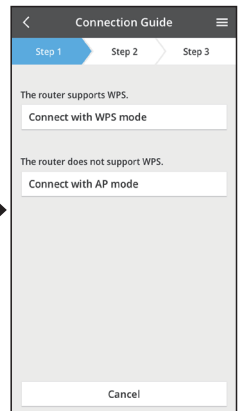
■ Changing router settings (Menu → Owner → Change router settings)



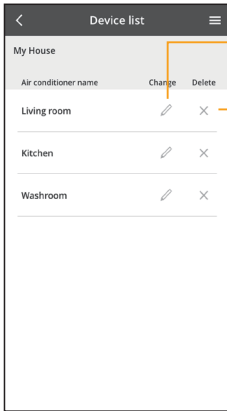
Select "Change router settings" from the menu.

Tap "Start".

Follow step-by-step instructions on the app.
(Refer to page 65)



■ Device list (Menu → Device list)



Edit device information and setting.

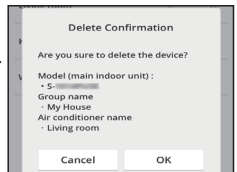
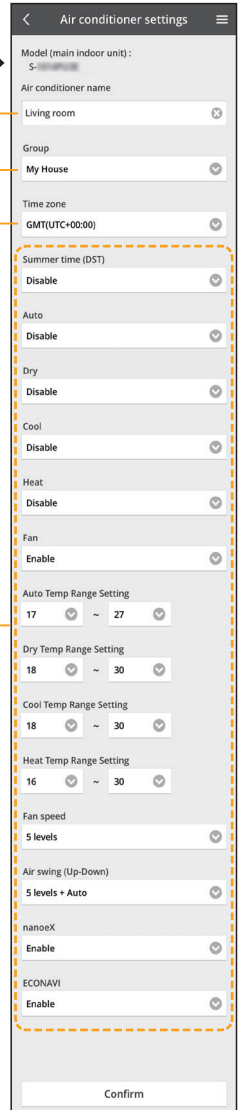
Edit device name.

Change device group.

Time zone selection

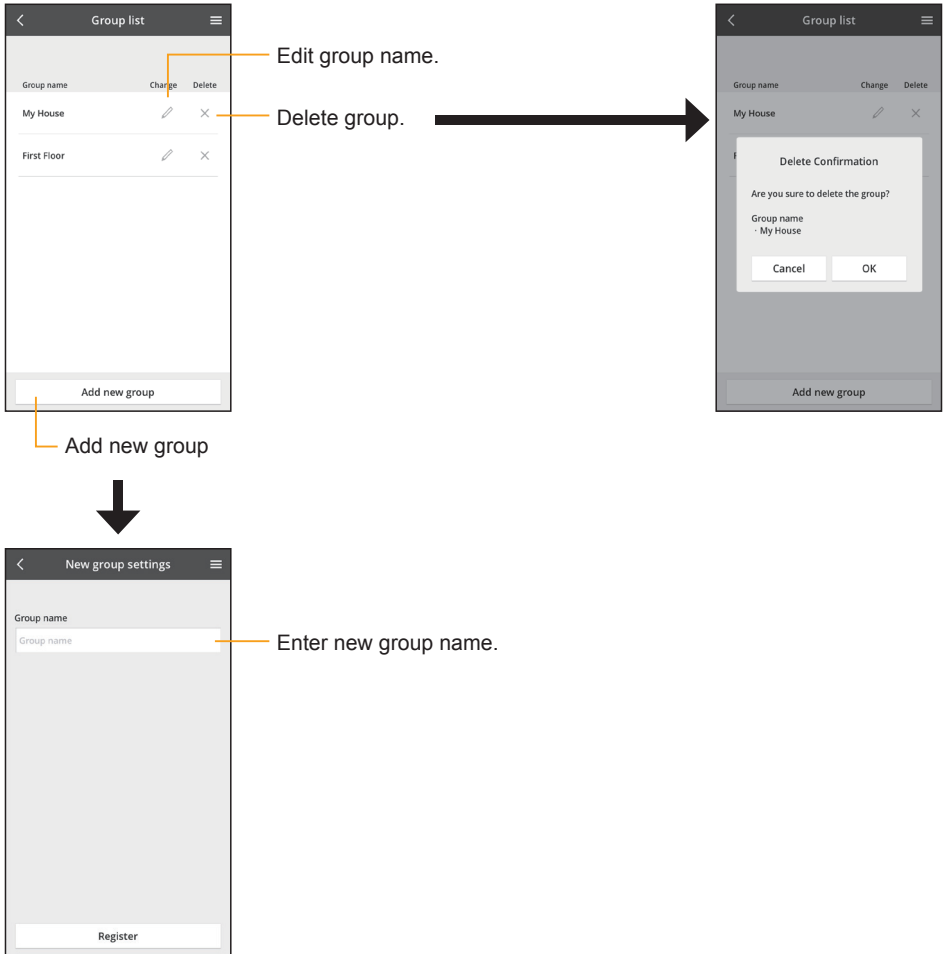
Features selection
(Features vary depending on
air conditioner model.)

Delete the device.



Wireless LAN settings

■ Group list (Menu → Group list)




Restart

At first, set Wireless LAN functionality to [Enable]. (P.61)


When the wireless LAN communication is considered abnormal, reset the wireless LAN module hardware.

1 Display the menu screen.

■ When stopped

Press .

■ When operating

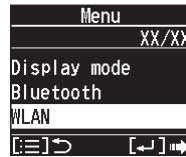
Press  repeatedly until the menu screen is displayed.

- To return to the top screen, press .



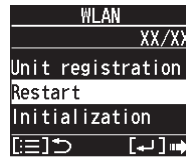
2 Select [WLAN].

Press   → .



3 Select [Restart].

Press   → .



4 Restart.

Press  →   → .

(Select [YES])

→ .

(Press twice to finish.)




Initialization


At first, set Wireless LAN functionality to [Enable]. (P.61)
Reset the wireless LAN settings to manufacturing default condition.

1 Display the menu screen.

■ **When stopped**

Press .

■ **When operating**

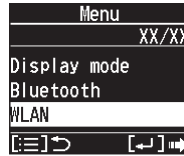
Press  repeatedly until the menu screen is displayed.

- To return to the top screen, press .



2 Select [WLAN].

Press   → .



3 Select [Initialization].

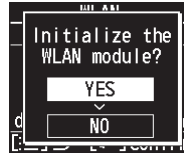
Press   → .




4 Start initialization.

Press  →   → .

(Select [YES])



5 Confirm that initialization has completed.

Confirm, then press .

(Press 3 times to finish.)



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.)





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 “ ↔ “”.
(alternately)

- Faulty sensor or incorrect installation.
→ Turn OFF the ECONAVI function with the remote controller (P.15) and contact the retailer or point of purchase with the Model No. and problem.

The remote controller screen does not display the .

- 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.15)
- 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 “ ↔ “”.
(alternately)

- nanoe™ X is considered abnormal.
→ Turn OFF the nanoe™ X function with the remote controller (P.17) 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.21)


The Weekly timer does not operate according to the set time.



- The weekly timer has been set on both the “Panasonic H&C Control App” and the “Panasonic Comfort Cloud” app.
→Disable one of the timer settings. (P.39, P.78)
- If the timer is set on the “Panasonic Comfort Cloud” app, check that the Time zone setting is correct. (P.85)

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 96 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.29)
 - 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.31).

The remote controller screen displays “” ↔ “”.
(alternately)

- Bluetooth® module is considered abnormal.
→Set Bluetooth® functionality to [Disable] with the remote controller (P.29) and contact the retailer or point of purchase with the Model No. and problem.

The remote controller screen displays “” ↔ “”.
(alternately)

- Wireless LAN module is considered abnormal.
→Refer to “Restart” (P.87) and restart the wireless LAN module. If it is displayed again, set Wireless LAN functionality to [Disable] with the remote controller (P.61) 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.

Wireless LAN functionality

The “Panasonic Comfort Cloud” app cannot be installed in mobile device.

- Check if OS of the mobile device is compatible.
The “Panasonic Comfort Cloud” app is not guaranteed to work with all versions of iOS and Android™ OS.
See page 96 for the versions of the OS for mobile devices that are supported by the “Panasonic Comfort Cloud” app.


Remote controller and router cannot be connected.

- Confirm that the remote controller is turned on.
- Check the following if “” is not displayed on the top screen of the remote controller.
 - Confirm that the Wireless LAN setting on the remote controller is set to [Enable]. (P.61)
 - Ensure the router’s wireless LAN signal reaches the remote controller, the SSID is not hidden, the MAC address setup is enabled for the remote controller, the router’s dual band signal is enabled for 2.4 GHz connection.
 - Check the network connections (P.62). Refer to the mobile device and router installation manual for details.

Register additional air conditioner to “Panasonic Comfort Cloud” app.

- Set the additional unit, following the first unit initial setup. It is recommended to name each of the registered air conditioner units to distinguish them easily.


Register additional user to control the air conditioner.

- Download “Panasonic Comfort Cloud” app and create new Panasonic ID. Follow initial setting. Once the air conditioner is registered, input the preset device password (set by first user). Approval from administrator (first user) is required to complete the registration. Select  Menu in the app. Choose “Owner” and select “User List” to approve additional user.

The wireless signal has been cut off or interrupted.

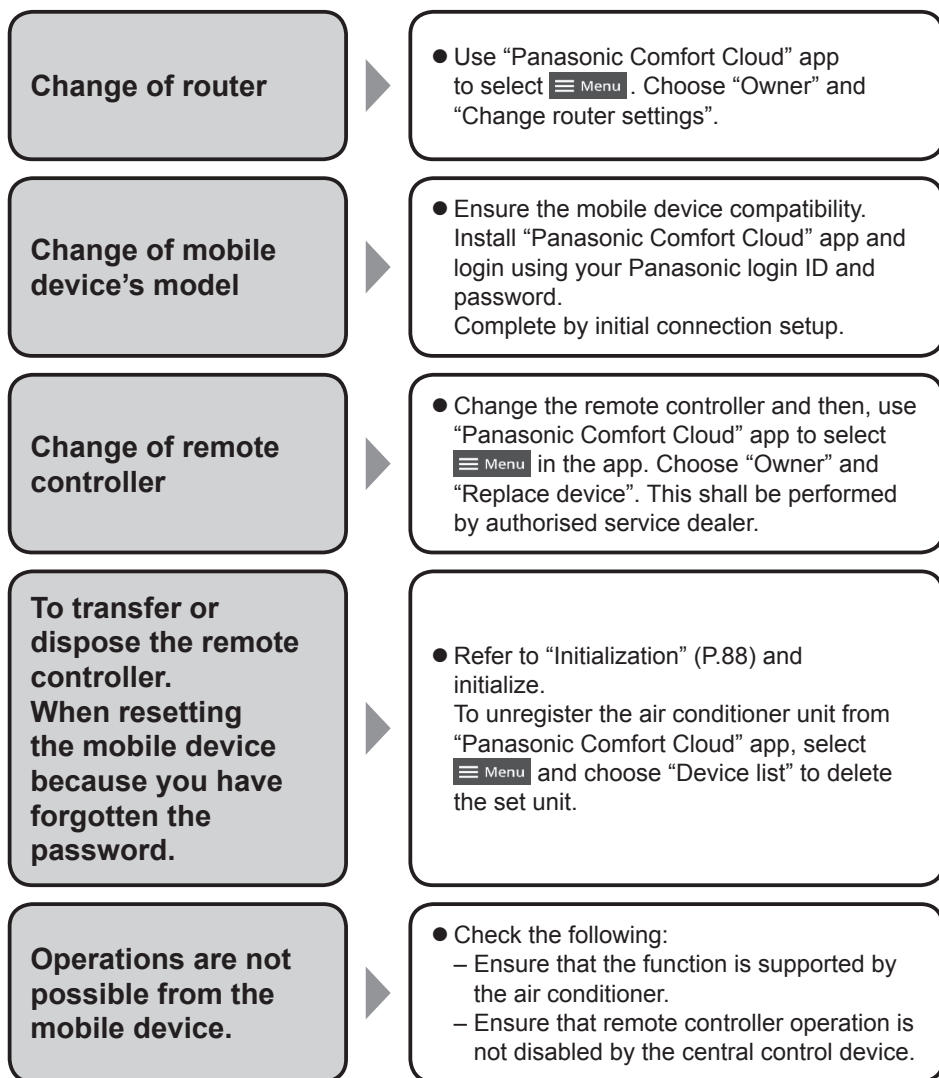
- It is possible that the network connection is not stable.
→Refer to “Network status” (P.62) and check the strength of the signal.

Suspicious unauthorised access to the air conditioner (remote controller).

- Refer to “Initialization” (P.88) and initialize.
To unregister the air conditioner unit from “Panasonic Comfort Cloud” app, select  Menu and choose “Device list” to delete the set unit.

Functions set on the “Panasonic Comfort Cloud” app are not working. Statistics data is not displayed in the app.

- Refer to “Connecting network” (P.63) to connect the remote controller to the router. If the remote controller is not connected to the router, statistics data may be not displayed in the app.



• 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-RTC6BLW	
Dimensions	(H) 86 mm x (W) 86 mm x (D) 25 mm	
Weight	0.10 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”	iOS: 10.0 or later Android™: 6.0 or later	
Bluetooth® version	4.2 or later	
Wireless LAN standard	IEEE 802.11 b/g/n	
Frequency range	2.4 GHz band	
Encryption	WPA2-PSK (TKIP/AES)	
OS version on the mobile device for “Panasonic Comfort Cloud” app	iOS: 9.0 or later Android™: 4.4 or later	

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- iOS is the name of the OS of Apple Inc. IOS is a trademark or registered trademark of Cisco in the US and other countries which has been licensed for use.
- Apple and the Apple logo are trademarks of Apple Inc. that are registered in the US and other countries. App Store is a service mark of Apple Inc.
- Android™, Google Play™ and Google Play™ logos are registered trademarks of Google LLC.

Information for Users on Collection and Disposal of Old Equipment and Used Batteries



These symbols on the products, packaging, and/or accompanying documents mean that used electrical and electronic products and batteries should not be mixed with general household waste.

For proper treatment, recovery and recycling of old products and used batteries, please take them to applicable collection points, in accordance with your national legislation and the Directives 2002/96/EC and 2006/66/EC.

By disposing of these products and batteries correctly, you will help to save valuable resources and prevent any potential negative effects on human health and the environment which could otherwise arise from inappropriate waste handling.

For more information about collection and recycling of old products and batteries, please contact your local municipality, your waste disposal service or the point of sale where you purchased the items.

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

For business users in the European Union

If you wish to discard electrical and electronic equipment, please contact your dealer or supplier for further information.

[Information on Disposal in other Countries outside the European Union]

These symbols are only valid in the European Union. If you wish to discard these items, please contact your local authorities or dealer and ask for the correct method of disposal.



Note for the battery symbol (bottom two symbol examples):

This symbol might be used in combination with a chemical symbol. In this case it complies with the requirement set by the Directive for the chemical involved.



Pb



Declaration of Conformity (DOC)

Hereby, "Panasonic Corporation" declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address:

<http://www.ptc.panasonic.eu/>

Authorized Representative: Panasonic Testing Centre, Panasonic Marketing Europe GmbH, Winsbergring 15, 22525 Hamburg, Germany
Norway: There are usage restrictions within a radius of 20 km from the centre of Ny-Alesund on Svalbard.

Firmware Update Function for Wireless LAN functionality

This product has functionality for connecting to the Panasonic firmware update server over the Internet to automatically update the device firmware to the latest version. To update the firmware, the device will do check, once per day, whether its firmware is the latest version after power up. And if an update is required, the update is applied and the device restarts automatically. Operations are not possible while the device is being restarted (Requires a maximum of five minutes).

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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
Wireless LAN functionality	2412 - 2472 MHz	20 dBm

Regulatory Information



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