
















## 8-2. Optional Controller (Remote Controller)

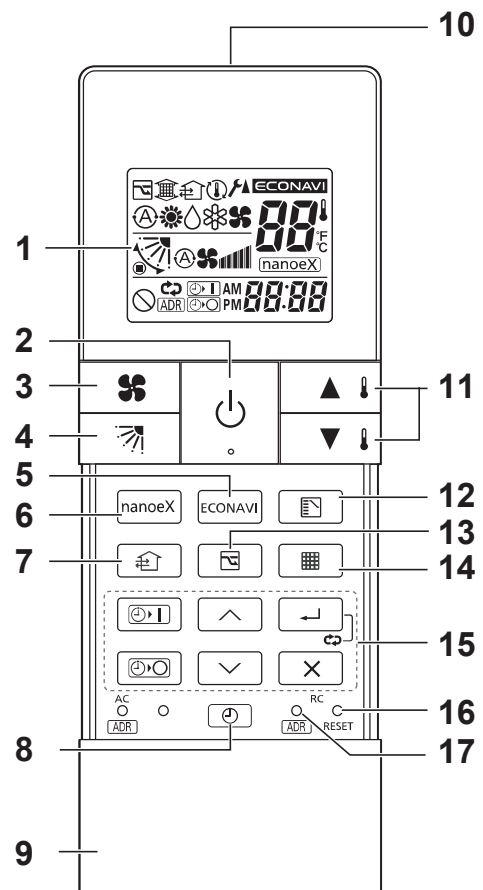
### Wireless (Infrared) Remote Controller CZ-RWS3


1 remote controller can control a group of up to 8 indoor units. (See page 8-2-1-6)

#### 8-2-1-1. Names and Operations

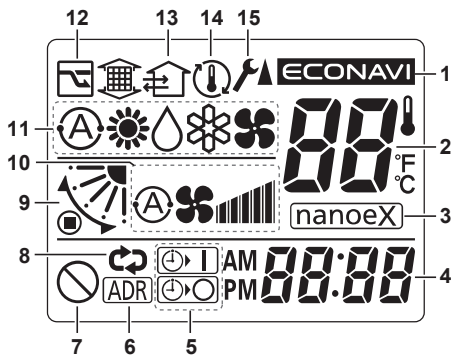
##### REMOTE CONTROLLER

<b>1. Operation Display</b>	Displays the operation status. (The figure shows all the statuses.)	<b>14. Filter button</b> 	Press to turn off the filter lamp on the receiver.
<b>2. Start/Stop button</b> 	Pressing this button once starts and pressing again stops the operation.	<b>15. Timer setting buttons</b> 	Use for operating with a timer.
<b>3. Fan speed button</b> 	Press to change the fan speed.	<b>16. RC reset button</b> 	Use this button after changing the batteries.
<b>4. Flap button</b> 	Press to change the flap direction.	<b>17. RC address button</b> 	Press to set addresses.
<b>5. ECONAVI button</b> 	Press to set ECONAVI.		
<b>6. nanoe™ X button</b> 	Press to set nanoe™ X.		
<b>7. Ventilation button</b> 	Use this when connected to an aftermarket fan.		
<b>8. Clock button</b> 	Use this to set the clock.		
<b>9. Cover</b>	Press at the top center and then slide down.		
<b>10. Transmitter</b>			
<b>11. Temperature setting buttons</b>	 raises the temperature setting 1 °C at a time.  lowers the temperature setting 1 °C at a time.		
<b>12. Mode Select button</b> 	Press to switch the operation mode.		
<b>13. Energy saving button</b> 	Press to enable or disable energy saving.		



From this page, the names of remote controller's buttons will be indicated with the above illustrations.  
 E.g.: Start/Stop button → 

## Screen display



- 1 Appears when ECONAVI is being set to ON.
- 2 Indicates the set temperature.

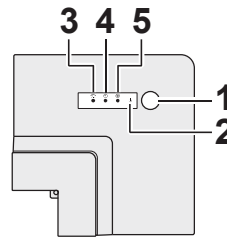
- 3 Appears when nanoe™ X is being set to ON.
- 4 Displays the present time.
- 5 Timer program indication
  - : The indoor unit starts operation at the programmed time.
  - : The indoor unit stops operation at the programmed time.
- 6 Indicates the remote controller addresses are set.
- 7 Appears when the function is not available.
- 8 The ON timer or the OFF timer will operate repeatedly every day.
- 9 Indicates the flap position.

- 10 Indicates the fan speed.
- 11 Displays the selected operation mode. (AUTO / HEAT / DRY / COOL / FAN )
- 12 Energy saving operation is in process.
- 13 Appears when a fan available in the market is installed and is operating.
- 14 “Temperature Automatic Return” is set.
- 15 Appears when the setting screen is displayed.

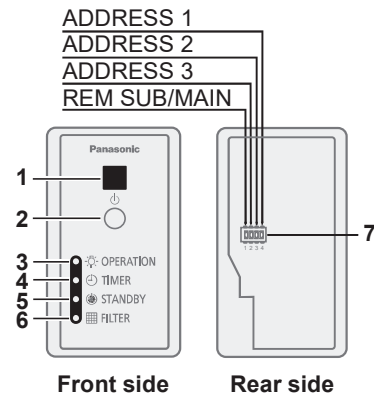
## RECEIVER

<b>1. Receiver</b>	Receives the signal sent from the remote controller.
<b>2. Emergency operation button</b>	See page 8-2-1-9. <b>Indicator lamps</b> When an error occurs, one of the lamps flashes. When an indicator lamp is flashing, see “8-2-1-18. Troubleshooting”.
<b>3. OPERATION lamp</b>	Lights up when the unit is operating.
<b>4. TIMER lamp</b>	Lights up when the timer is set.
<b>5. STANDBY lamp</b>	The lamp in the HEAT mode lights up at the following times: during the startup, during the thermostat operation, and during the defrosting.
<b>6. FILTER lamp</b>	This lamp is for notifying you when the filter needs to be cleaned.
<b>7. Address switch</b>	See the section “8-2-1-9. Pairing Addresses”




### CZ-RWRU3 CZ-RWRU3W



### CZ-RWRC3



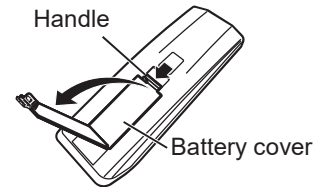
## NOTE

- If a heat pump (2WAY) type is being used, it will beep twice and the operating lamp will light up on the display; if the timer and standby lamps blink alternately, a conflict between the heating and cooling exists, so the unit cannot operate in the desired mode. (On models that do not have an Auto function, even if Auto is selected, it works in the same way.)
- When the local operation is disabled by centralized control or similar cause, and if the Start/Stop , Mode  or Temperature setting button  is pressed, the unit will beep five times and the change will not be made.

### 8-2-1-2. Installing Batteries

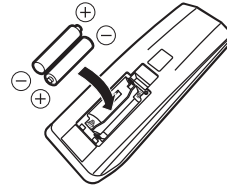
#### 1. Remove the battery cover.

- Pinch the handle and open while pressing it towards the ▼ mark.



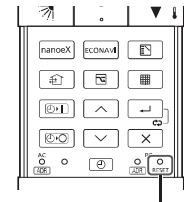
#### 2. Insert two LR03 size batteries.

Put the batteries in with the polarity [+/-] as shown in the figure.



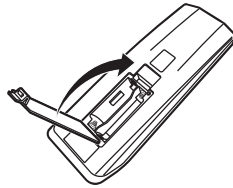
#### 3. Gently insert one end of an unfolded paper clip (or a similar object that can fit) into the RC reset hole and press the RC reset button inside the hole.

- Take the batteries out and insert again if the time display is not “0:00” or “AM 12:00”.



RC reset button

#### 4. Put the battery cover back on.



#### ■ Notes on batteries

- The battery life is approximately 1 year.
- Reception may become poor or display on the remote controller fades when batteries are low.
- If the remote controller will not be used for a long period of time, remove the batteries. (In order to avoid a battery leak.)
- Emergency operations can be performed on the unit when the batteries run out. (See page 8-2-1-9)

#### ■ Replacing batteries

- Replace both batteries at the same time with 2 LR03 size batteries.
- Do not use rechargeable batteries (NiCd, NiMH, etc.) because their size, shape, and some performance are different.
- Dispose of the old batteries at the designated sites in your community.
- The unit is restored with the factory setting when batteries are removed.
- After changing the batteries, reset the current time. (See Section “8-2-1-3. Setting the Current Time”)

### 8-2-1-3. Setting the Current Time

#### 1. Press for 2 seconds or longer.

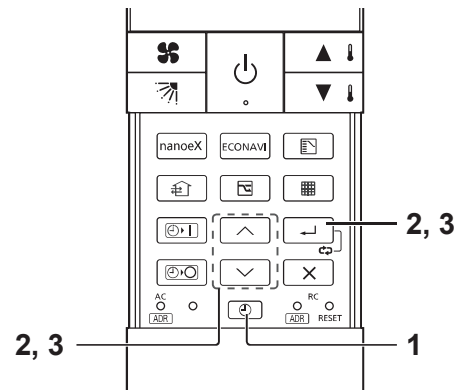
- The time display flashes. (The colon lights up.)

#### 2. Press / to set the hour, then press .

#### 3. Press / to set the minutes, then press .

#### Note

- If the buttons are not pressed for a certain duration while setting the time, the displayed time is set.
- Adjust the time periodically.









### 8-2-1-4. Operation

Hold the remote controller with your hand and point its transmitter at the receiver.










**Power: Turn on the circuit breaker beforehand, referring to the operating instructions for the unit.**

1. Press .





2. Press  to select the operation mode.

- Every time you press , it cycles from “Auto  → Heat  → Dry  → Cool  → Fan ”.
- Models that only provide the cooling function cannot operate in the Auto or Heat mode.
- The available functions differ depending on the indoor unit being used. See page 8-2-1-10 for how to change the operation mode display.

3. Press  to select the fan speed.










- Every time you press , it cycles from “ →  →  →  (Auto)”.
- Auto does not work in Fan mode.
- If the unit is not heating very effectively with a fan speed “”, switch the fan speed to “” or “”.
- The available functions differ depending on the indoor unit being used.
- “” is displayed if the function is not available.

4. Press  /  to set the temperature.

	MAX (°C)	MIN (°C)
Auto 	27	17
Heat 	30	16
Dry  / Cool 	30	18

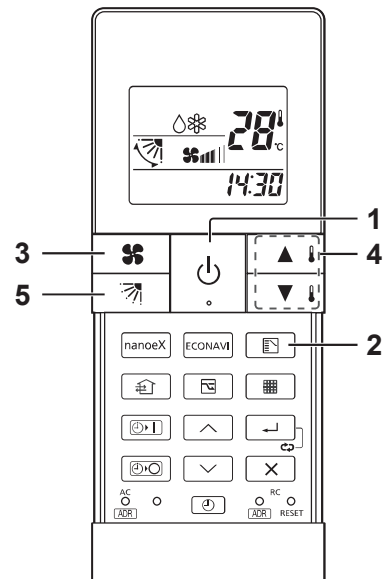
- Temperature settings cannot be made in Fan mode.
- The temperature range that can be set varies depending on the model.
- The maximum temperature varies depending on the system and operating condition. See page 8-2-1-10 for how to change the maximum temperature.

5. Press  to select the flap direction.

- Every time you press , it cycles from “ →  →  →  →  (Swing) →  (Stop)”.
- If you press  again while the flap is swinging, you can stop the flap from swinging and set it in place as desired.
- When the unit is in heating standby, the flap (up-down wind direction plate) faces upwards.
- The available functions differ depending on the indoor unit being used.
- “” is displayed if the function is not available.
- **Never try to manually move the flap (up-down wind direction plate) that is operated by the remote controller.**

**Stop: Press** .

- If you cannot turn the air conditioner off in the normal way, disconnect the power to the indoor unit and contact the dealer where the product was purchased.
- When the unit is stopped with the remote controller, the fan on the outdoor unit may continue to run for a while.



#### < Auto operation >

It heats or cools automatically via the differences between the set temperature and the room temperature. Auto operation is available only when identical refrigerant system inside all the indoor units or cooling/heating free-type are under control as 1 group. When using gas heat pump (GHP) air conditioners, contact the dealer where the product was purchased.

### 8-2-1-5. Timer Operation

- When setting the timer, make sure the current time on the remote controller is accurate.
- The timer's clock can only be set when the display of the remote controller is ON.
- After setting the timer, put the remote controller for in a place where its signal will reach the receiver of the indoor unit.

#### 1. Press or twice.

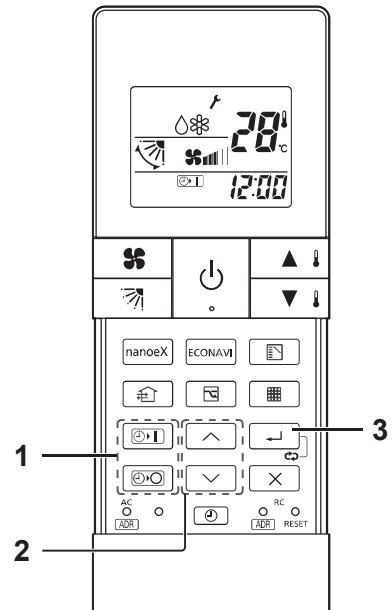
- The time last set on the timer starts blinking. (“- -: - -” blinks when the timer is not set or after replacing batteries.)

#### 2. Press / to set the timer to the desired time.

- Every time you press / , the time changes in 10 minute increments.
- If you press and hold the button, the time changes quickly.

#### 3. Press .

- The timer display stops blinking and the display reverts to the current time after 3 seconds.
- “ / ” is displayed when set.



### Combining ON and OFF Timers

#### 1. The ON and OFF timers can be set respectively.

### Checking the timer setting

#### 1. Press or .

- The scheduled time is displayed for 4 seconds.
- When the timer is not set or after replacing batteries, it displays “- -: - -”. (Initial setting)

### Changing a timer setting

#### 1. Perform Step 1 to 3 noted above as you did when setting.

### Canceling a timer setting

#### 1. Press .

- If you wish to cancel the setting for either the or the timer, press while the scheduled time is displayed.

### Using the same timer setting every day

#### 1. Press for 2 seconds or longer.

- “” is displayed when set.
- If you press again for 2 seconds or longer, “” goes off and the timer operates only once.

### 8-2-1-6. Lock Individual Flap

(Supported models: 4-way ceiling cassette type)

You can set the flap for each air outlet individually according to the room condition.

- Even if the flap setting is changed with  (Page 8-5), the flap directions set here are not changed.





**1. Press  and  at the same time for 4 seconds or longer.**

- “” starts blinking and the setting screen is displayed.









**2. Press  /  to select the indoor unit to set, then press .**

- Every time you press / to switch between “U1 ↔ U2 ↔ ... ↔ U8 ↔ AL (All indoor units that are connected to the remote controller)”, the buzzer sounds from the corresponding receiver.
- When settable: 1 short beep
- When not settable\*: 1 short beep followed by 1 long beep
- \* When the indoor unit is not connected or does not support this function.



**3. Press  /  to select the air outlet.**

- Every time you press  / , it cycles from “F1 ↔ F2 ↔ F3 ↔ F4 ↔ AL (All the air outlets)”.
- 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.


**4. Press  /  to select the flap direction, then press .**

- Every time you press  / , it cycles from “ (Unlock) ↔  (Swing) ↔  ↔  ↔  ↔ ”.

**5. Press .**

- You can return to Step 2 to continue setting if you press  instead of .

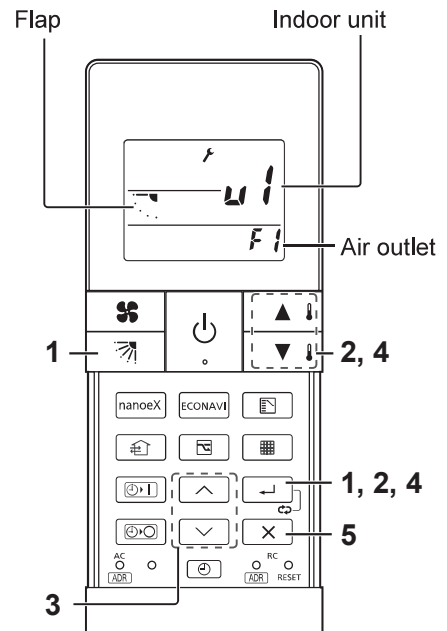
Note


- Press  to stop operation in the middle.

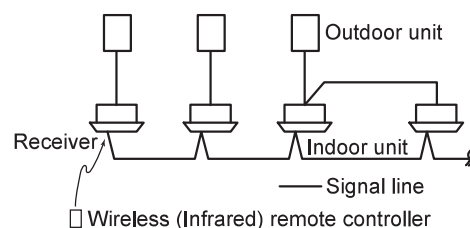
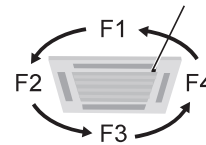
### 8-2-1-7. Operating Multiple In/Outdoor Units Simultaneously (Group Control)

Group control works well for providing air conditioning to 1 large room with more than 1 air conditioning units.

- 1 remote controller can operate up to 8 indoor units.
- All the indoor units have identical settings.
- Set temperature sensing to the indoor unit (Main sensor). (See page 8-2-1-1)



Square mark (indented )



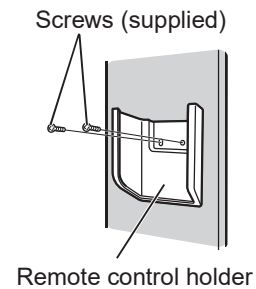
## 8-2-1-8. Using the Remote Controller

- Hold the remote controller with your hand and point its transmitter at the receiver. When the signal is received properly, it will beep.
- Signals can travel a direct distance of 6 metres. This distance should be used only as a guide. It depends on battery strength.
- Make sure nothing is between the remote controller and the receiver that could block the signal.
- Do not leave the remote controller in direct sunlight, where the wind from the air conditioner can blow directly on it, or near any other heat source.
- Take care not to drop, throw, or wash the remote controller with water.
- The signal from the remote controller may not be received in rooms with rapid start fluorescent lighting or inverter lights. For more information, please contact the dealer where the product was purchased.


### Wall Mount Use

#### ■ Mounting the holder

##### 1. Fasten the remote control holder with screws.

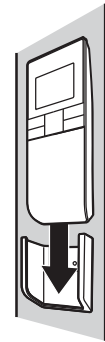


##### 2. Slide the remote controller down into the holder.

- Press  from the location you wish to mount the remote controller and make sure the signal is received properly.

#### Note

- You cannot operate if the distance between the remote controller and the receiver is greater than that signals can travel.



#### ■ Detaching the controller

##### 1. Pull the remote controller up.




## 8-2-1-9. Pairing Addresses

When more than 1 indoor units are installed in the same room with a compatible remote controller, addresses can be set up to avoid crosstalk.

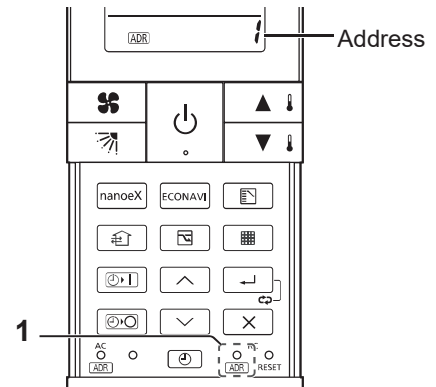
You can control up to 6 indoor units individually by the supported remote controller by pairing the address on the remote controller and the number on the address switch on the receiver.

There are separate address settings: receiver addresses for the receivers, and transmitter addresses for the remote controller. Units will not be controlled if the setting do not match.

## Checking Addresses

1. Press  with one end of an unfolded paper clip (or a similar object that can fit).


- Its current address appears on the display for 5 seconds.
- If this address corresponds to the address of a receiver, the buzzer sounds. (If it is on ALL, the buzzer will always sound.)
- If it is on ALL, it can be operated regardless of receiver addresses. Point the remote controller at the receiver you wish to operate and transmit.



## Matching Up Addresses


■ If not wall mounted type indoor unit

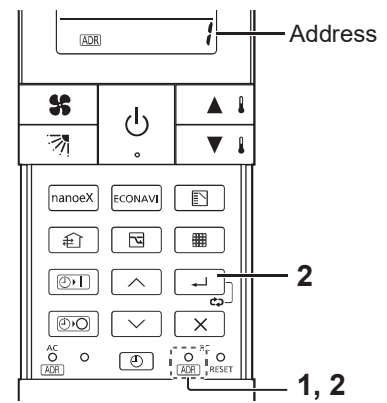
< Setting Remote Controller Addresses >

1. Press  with one end of an unfolded paper clip (or a similar object that can fit) for 4 seconds or longer.

- The current address number starts blinking.

2. Press  to select the address of the receiver you want to control, and press .

- Every time you press , it cycles from “ALL (All the addresses) → 1 → 2 → 3 → 4 → 5 → 6”.
- If it corresponds to the receiver’s address setting, the buzzer sounds.



Note

- Set the address of the receiver as instructed in the operating instructions of your receiver. Do not set by yourself. Contact the dealer where the product was purchased.

■ For wall mounted type indoor unit

< Setting the address of the indoor unit >

1. Press [Emergency Operation] (⏏) of the indoor unit for 4 seconds or longer.

- OPERATION lamp, TIMER lamp, and then STANDBY lamp repeatedly light one after the other for 1 second each to indicate the unit is ready for address setting.

< Setting Remote Controller Addresses >

2. Set the address for the remote controller following the procedure under the section “■ If not wall mounted type indoor unit” (see this section noted above).

- Repeat Step 2 under “■ If not wall mounted type indoor unit” if you are setting more units.
- The address setting ready status of the indoor unit ends if data transmission is not received from the remote controller for 3 minutes.
- Press [Emergency Operation] (⏏) on the receiver to end the address setting ready status of the indoor unit.



## 8-2-1-10. Emergency Operation

Use [Emergency Operation] (⏻) in the following situations when there is an urgent need.

- When the remote controller's batteries have failed.
- When the remote controller is broken.
- When the remote controller is lost.

\*See the following figures regarding Emergency button.

### 1. Press [Emergency Operation] (⏻) of the receiver.

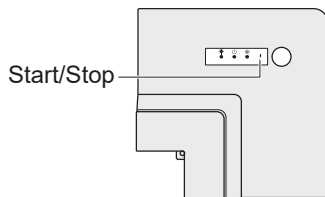
- The OPERATION lamp is lit.
- Auto operation starts. If Auto operation is not possible, the unit starts cooling if the room temperature at the time is 24 °C or higher; otherwise, the unit starts heating.
- The operation stops if you press [Emergency Operation] (⏻) again.

#### Note

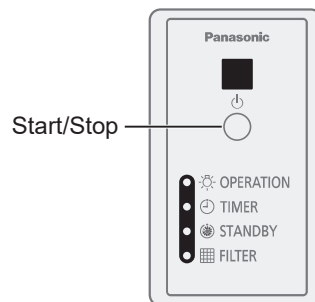
- If non-cooling/heating free type is being used, it will beep twice and the operating lamp will light up on the display; if the timer and standby lamps blink alternately, a conflict between the heating and cooling exists, so the unit cannot operate in the desired mode. (On models that do not have an Auto function, even if Auto is selected, it works in the same way.)
- When the local operation is disabled by a central control device or similar cause, and if the Start/Stop (⏻), Fan speed (🌀), Flap (🌀), Temperature setting (▲/▼), Mode select (📄) or Energy saving (📄) button is pressed, the unit will beep 5 times and the change will not be made.

## CZ-RWRU3 / CZ-RWRC3

CZ-RWRU3  
CZ-RWRU3W



CZ-RWRC3





### 8-2-1-11. Miscellaneous Settings













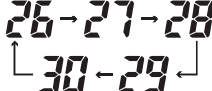
A variety of changes can be made to settings, depending on the indoor unit being used.

#### Operation mode indicator, time display (24 hour, AM/PM), heating maximum temperature

- These settings are saved in nonvolatile memory in the remote controller, so even when its batteries are changed, the settings do not have to be made again.
- First check the display of the remote controller when the unit is stopped and then make any desired settings.

#### How to Operate


- While holding down the buttons below, the remote controller's display changes every time  is pressed.
- Whatever is being displayed when you release  is set.

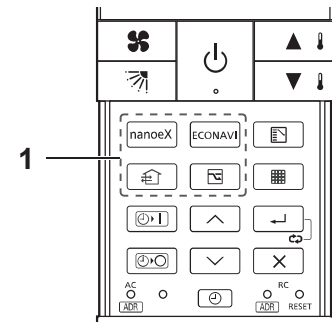
Setting Item	Operation Button	Setting Content	Remote Controller Display
Remote controller operation mode display setting when  is pressed	Press  while pressing 	Heat Pump (with Auto)	
		Heat Pump (without Auto)	
		Dedicated air conditioner	
Clock display setting	Press  while pressing 	24-hour	
		AM/PM	
Max possible temperature setting in the Heat mode	Press  while pressing 	Maximum heating temperature range is 26 °C – 30 °C	





### 8-2-1-12. Button Control

You can enable or disable the following buttons for some indoor units.  
**nanoe™ X, ECONAVI, Ventilation, Energy saving**

#### 1. Press the button for desired setting for 4 seconds or longer.




- You can toggle between enable and disable each time you press the button for 4 seconds or longer.
- “” is displayed when you press a disabled button, and the function cannot be used.

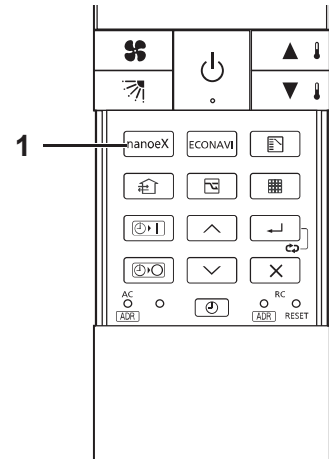


Buttons	Setting content
	Enabling or disabling the button for nanoe™ X.
	Enabling or disabling the button for ECONAVI.
	Enabling or disabling the button for ventilation.
	Enabling or disabling the button for energy saving.

### 8-2-1-13. nanoe™ X Setting

#### 1. Press during operation.




- You can toggle between ON and OFF each time you press .
- “nanoeX” is displayed when this setting is ON.
- When the nanoe™ X setting is ON, “nanoe” (atomised water particle) is released from the indoor unit while in operation (Cool, Dry, Heat, Fan, Auto).
- If the receiver emits 1 short beep followed by 1 long beep after pressing , the indoor unit does not support this function. See the section “8-2-1-12. Button Control” on page 8-2-1-10 for how to enable or disable the button.
- “” is displayed if the function is not available.

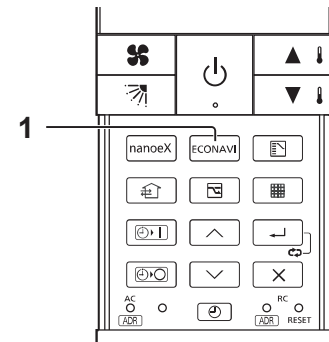


### 8-2-1-14. ECONAVI Setting

(ECONAVI can be set using the separately sold ECONAVI panel or by connecting the holder on the wall.)



#### 1. Press during operation.

- You can toggle between ON and OFF each time you press .
- “ECONAVI” is displayed when this setting is ON. \*
- The ECONAVI sensor detects human activity and conserves energy based on the activity level.
- Even when target temperature is changed through the ECONAVI function, the set temperature shown in the remote controller does not change.
- When operating more than 1 indoor unit, the energy-saving effect may be reduced depending on the room condition.
- If the receiver emits 1 short beep followed by 1 long beep after pressing , the indoor unit does not support this function. See the section “8-2-1-12. Button Control” on page 8-2-1-10 for how to enable or disable the button.
- “” is displayed if the function is not available.
- \* “ECONAVI” is not displayed in Fan mode.






### 8-2-1-15. Ventilation Setting

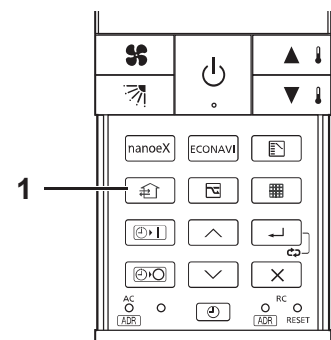
(When connected to an aftermarket fan)

 button is disabled as the factory setting. Enable the  button if you have connected the ventilation fan.

(See the section “8-2-1-12. Button Control” on page 8-2-1-10.)




#### 1. Press .

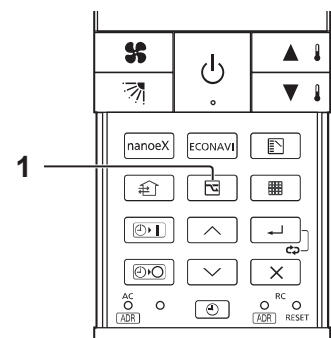
- You can toggle between ON and OFF each time you press .
- “” appears on the display of the remote controller when the fan is operating.
- When the air conditioner is started or stopped, the fan starts or stops at the same time.
- “” is displayed if the function is not available.



### 8-2-1-16. Energy Saving Setting

#### 1. Press during operation.



- You can toggle between ON and OFF each time you press .
- “” is displayed when this setting is ON.
- The energy saving operation restricts the maximum current value, resulting in decreased cooling/heating performance. (If the current of outdoor units does not reach the peak due to low load operation, the current value is not restricted.)
- If the receiver emits 1 short beep followed by 1 long beep after pressing , the indoor unit does not support this function. See the section “8-2-1-12. Button Control” on page 8-2-1-10 for how to enable or disable the button.
- “” is displayed if the function is not available.




### 8-2-1-17. Temperature Automatic Return






You can restore the changed temperature to the originally set temperature automatically after a specified time elapses.

- Set the time and temperature for each operation mode.

**1. Press  and  at the same time for 4 seconds or longer.**




- “” starts blinking and the setting screen is displayed.





**2. Press  to select the operation mode, then press .**

- Every time you press  to switch between “Dry  / Cool  → Heat  → Auto ”, the buzzer sounds from the corresponding receiver.
- When not set: 1 short beep
- When already set: 2 short beeps

**3. Press  /  to set the time to return to the set temperature.**



- Setting range: 10 to 240 min (by the 10 min)

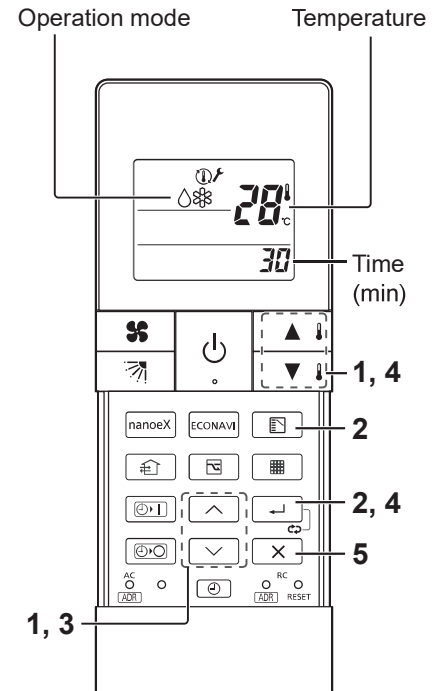
**4. Press  /  to set the temperature, then press .**

	MAX (°C)	MIN (°C)
Auto 	27	17
Heat 	30	16
Dry  / Cool 	30	18

- The temperature range that can be set varies depending on the model.

**5. Press .**

- You can return to Step 2 to continue setting if you press  instead of .




### Changing the setting

Perform Step 1 to 5 noted above as you did when setting.


### Cancelling the setting

**1. Press  and  at the same time for 4 seconds or longer.**

**2. Press  to select the operation mode, then press  for 4 seconds or longer.**


- The receiver emits 1 short beep.
- Press  for 10 seconds or longer to cancel settings for all operation modes.

Note

- Press  to stop operation in the middle.

## 8-2-1-18. Troubleshooting

Before requesting service, please check the followings.

Problem	Cause	Solution
The unit doesn't work even when  is pressed on the remote controller.	The power to the indoor unit is not ON.	Make sure the power to the indoor unit is ON.
	Are the remote controller's batteries dead?	Change the batteries.
	Is there a mismatch between the display lamp and cooling/heating or is it set to something other than Auto? (The operating lamp stays lit, while the timer lamp and the standby lamp blink alternately.)	Change the operating mode.
	Do the addresses match one another?	Check the addresses of the receiver and the remote controller. (See page 8-2-1-8)
The air conditioner starts and stops on its own.	Has the timer been set to repeat?	Check the timer settings. (See page 8-2-1-5)
Although the unit is for air conditioning only, either Auto or Heat is indicated in the display.		Make settings to the remote controller's operation mode display. (See the section "8-2-1-11. Miscellaneous Settings" on page 8-2-1-10)
After the batteries are put in the remote controller, even when it is operated, the display does not change.		Press the RC reset button on the remote controller. (See page 8-2-1-3)
The timer cannot be set.		Make the settings when the remote controller is in Operation Display. (See page 8-2-1-5)

If the problem persists even after you check the foregoing items, stop the unit, disconnect the power to the indoor unit and contact the dealer where the product was purchased with the model number and problem you are having.

As it is dangerous, under no circumstances should you undertake repairs yourself.

Further, when the receiver's lamps are blinking; please contact your retailer with that information.

## Specifications

### CZ-RWS3

<b>Model No.</b>	CZ-RWS3
<b>Dimensions</b>	(H) 165 mm × (W) 59 mm × (D) 22 mm
<b>Weight</b>	100 g (Batteries and remote control holder are not included)
<b>Temperature / Humidity range</b>	0 °C to 40 °C / 20 % to 80 % (No condensation) *Indoor use only
<b>Power Source</b>	Two LR03 size batteries

### CZ-RWRU3 / CZ-RWRU3W

<b>Model No.</b>	CZ-RWRU3 / CZ-RWRU3W
<b>Dimensions</b>	(H) 29.7 mm × (W) 211.8 mm × (D) 211.8 mm
<b>Weight</b>	160 g
<b>Temperature / Humidity range</b>	0 °C to 40 °C / 20% to 80% (no condensation) *Indoor use only.
<b>Power Source</b>	DC16 V (supplied from indoor unit)

### CZ-RWRC3

<b>Model No.</b>	CZ-RWRC3
<b>Dimensions</b>	(H) 120 mm × (W) 70 mm × (D) 20 mm
<b>Weight</b>	75 g
<b>Temperature / Humidity range</b>	0 °C to 40 °C / 20 % to 80 % (No condensation) *Indoor use only.
<b>Power Source</b>	DC16 V (supplied from indoor unit)