

MELRemo

Smartphone application

(for administrator and maintenance user)

Applicable to PAR-CT0* series, PAC-SF0*CR, and PAR-4*MA series remote controllers

Instruction Book

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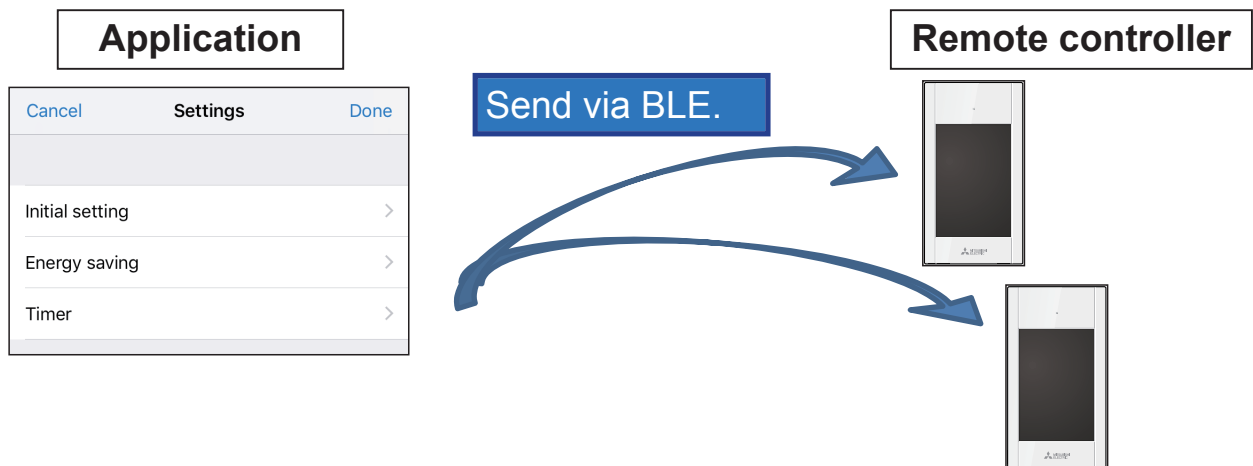
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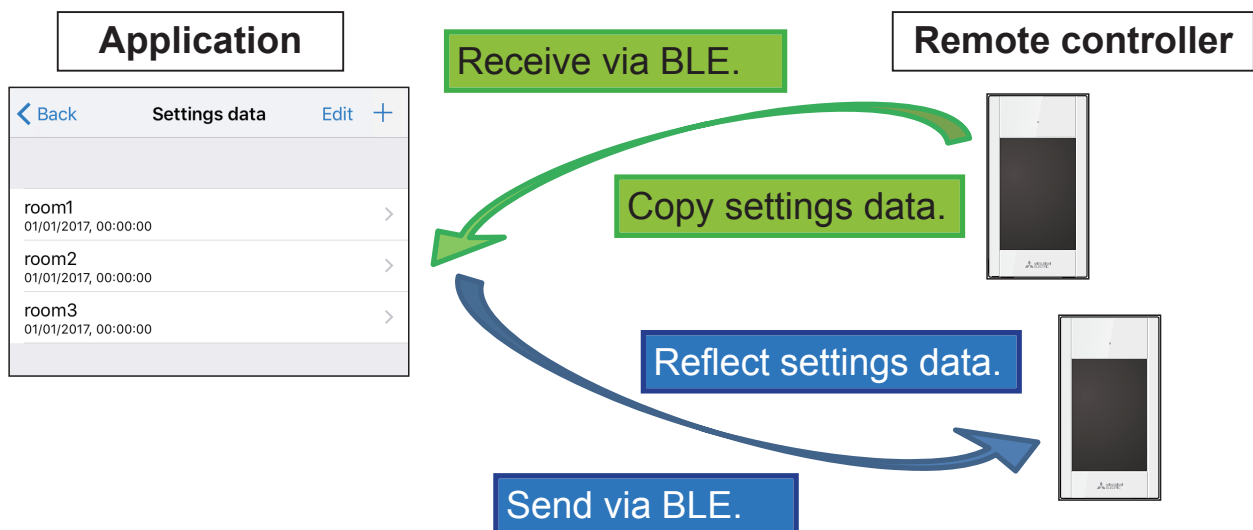
- MELRemo (hereafter referred to as the Application) is an application software that can operate the remote controllers for MITSUBISHI ELECTRIC air conditioning systems on a smartphone via Bluetooth communication.
- The costs associated with downloading and updating the Application, and costs of telecommunication to use the Application (including the additional costs of telecommunication for reconfiguring the settings when the Application is not properly updated or operated) are the responsibility of the user.

Features of the Application

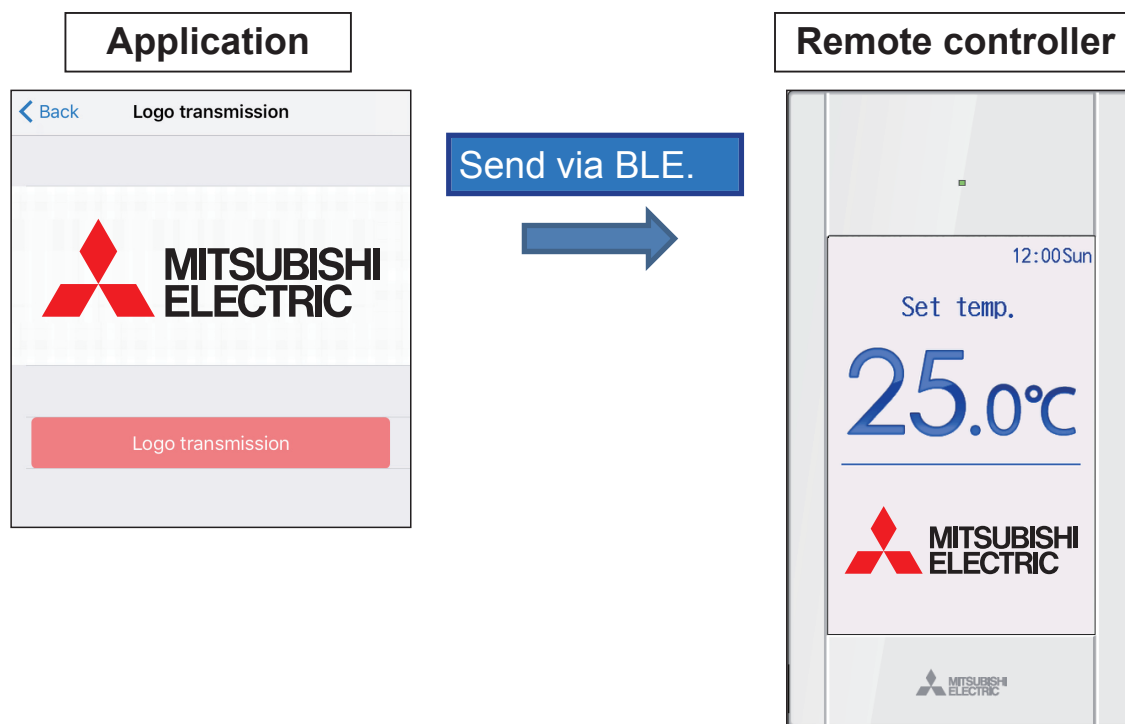
- ① The settings configured on the Application can be sent to each remote controller via Bluetooth communication.



- ② The remote controller settings data can be copied to other remote controllers via Bluetooth communication.



- ③ Images such as logo images can be sent to the remote controllers via Bluetooth communication, and the image can be displayed on the remote controller screen. (Applicable only for PAR-CT0* series and PAC-SF0*CR)



1. Safety precautions

- Thoroughly read the following safety precautions before using the remote controller.
- Observe these precautions carefully to ensure safety.

 WARNING	Indicates a risk of death or serious injury.
 CAUTION	Indicates a risk of serious injury or structural damage.

- After reading this manual, pass it on to the end user to retain for future reference.
- Keep this manual for future reference and refer to it as necessary. This manual should be made available to those who repair or relocate the remote controller. Make sure that the manual is passed on to any future users.

General precautions

WARNING

- Do not use the remote controller where pacemaker users may be around. If used, turn off its Bluetooth.
 - Bluetooth may cause pacemakers to malfunction and leads to an accident.
- Do not use the remote controller near electrical medical devices. If used, turn off its Bluetooth.
 - Bluetooth may cause these devices to malfunction and leads to an accident.
- Do not use the remote controller near automatic doors, fire alarms, or other automatically controlled devices. If used, turn off its Bluetooth.
 - Bluetooth may cause these devices to malfunction and leads to an accident.

CAUTION

- The remote controller is permitted for use only in the country where it was purchased.
- The remote controller uses signals in the 2.4 GHz band.
 - Signals in the 2.4 GHz band are used by medical devices, other similar devices, and non-licensed amateur radio stations (hereafter referred to as other radio stations).
 1. Before using the remote controller, make sure there are no other radio stations in the vicinity.
 2. If a radio interference occurs between the remote controller and other radio stations, move the remote controller or stop using the remote controller (turn off Bluetooth).
 3. If problems with radio interference occur, consult the dealer from which the remote controller was purchased.
- Keep an appropriate distance between the remote controller 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 remote controller.
- The following actions may be punishable by law.
 - Disassembling or alteration of the remote controller
 - Removal of certification labels
- The maximum line-of-sight distance of the remote controller is 10 meters. This distance will be shorter when obstacles or people are in the path of radio waves or radio interference from appliances (e.g., microwave ovens) exists.

Precautions for using smartphone 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 remote controller 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 must be supervised to stay away from the remote controller.
- Poor radio-wave conditions due to an existence of obstacles or radio-emitting devices, such as a microwave oven, in the vicinity of the remote controller can lead to a non-response error. Periodically check the operating conditions of the remote controller.
- The maximum line-of-sight distance of the remote controller 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 the remote controller and the connected device.

1-1. Supported functions

Using the application, the following settings can be made for the remote controllers via Bluetooth communication.

[Setting items]

		PAR-CT0* series *1	PAC-SF0*CR	PAR-4*MA series *2
Remote controller setting menu				
	Initial setting			
	Basic setting			
	Daylight saving time	○	○	○
	BLE device name *3	○	○	○
	Display setting			
	Main display	○	○	○
	Display details	○	○	○
	Design	○	○	×
	Contrast/Brightness	× / ○	× / ○	○ / ○
	Energy saving			
	Temperature range	○	○	○
	Operation lock	○	○	○
	Timer			
	On/Off timer	○	○	○
	Auto-Off timer	○	○	○
	Weekly timer	○	○	○
Management items				
	Clock synchronization	○	○	○
	Error history	○	○	○
	Operation screen	○	○	○
	Logo transmission	○	○	×

*1, 2 The table below summarizes the model names for each series.

PAR-CT0* series *1	PAR-4*MA series *2
PAR-CT01MAA-PB(SB)	PAR-40MA [Japan]
PAR-CT01MAR-PB(SB)	PAR-40MAAC [China]
PAR-CT01MAU-SB	
PAR-CT01MAC-PB	

*3 The settings cannot be configured from the remote controller.

- The contents of the main display settings, remote controller display settings, and operation lock settings vary with the remote controller model.

2. Remote controller settings menu

When configuring remote controller settings, the settings can be newly created beforehand or created based on the existing remote controller's settings. There are two menus for these settings as shown below.

2.1 Creating new settings data

Use this menu to newly create the setting contents with the Application beforehand.

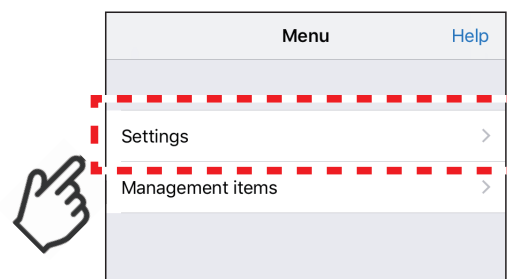
2.2 Acquiring settings data from remote controller

Use this menu to acquire the setting contents of the existing remote controller.

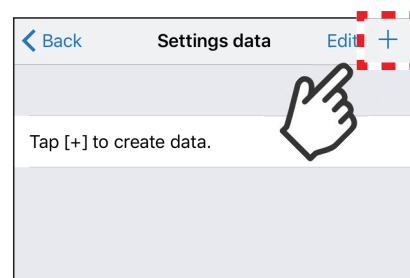
How to configure the remote controller settings

*The temperature unit (°C or °F) can be switched from the “Display details” screen in the initial settings.

(1) Tap [Settings] from the menu.

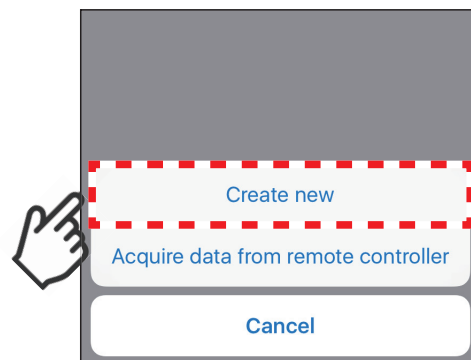


(2) Tap [+] in the settings data screen.



2-1. Creating new settings data

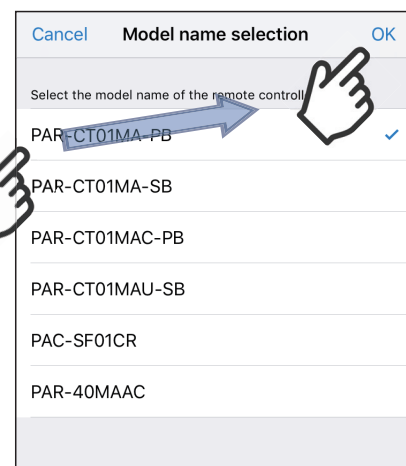
(1) Tap [+] in the settings data screen, and then tap [Create new].



- (2) Select the remote controller model name to be set, and tap [OK].
The setting items will appear.

Note: Refer to section 4-1 “Applicable remote controllers” for the remote controller model names that are displayed here.

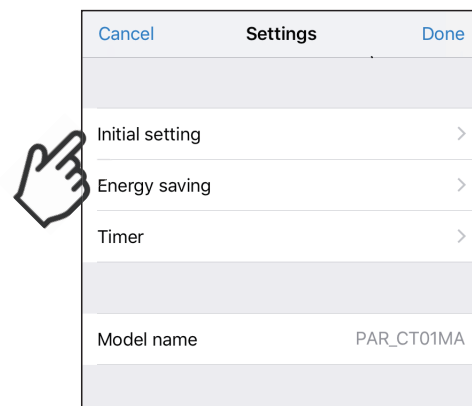
Note: The model name is printed at the bottom of the remote controller.



- (3) Configure the desired settings.

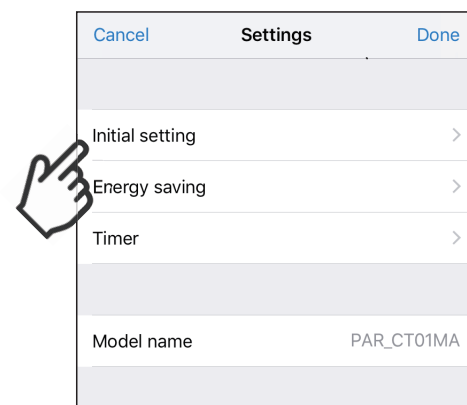
- For details about the setting items, refer to section 1-1 “Supported functions” or the installation manual and instruction book of the remote controller selected in the model name selection screen.

Note: Step (4) below explains how to configure the daylight saving time settings as an example.

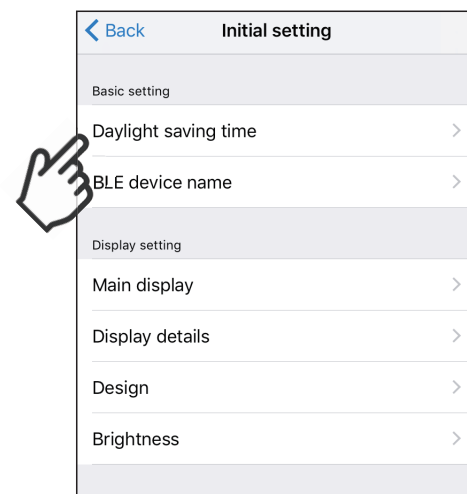


- (4) Setting method (Example: Daylight saving time)

- ① Tap [Initial setting] in the settings screen.

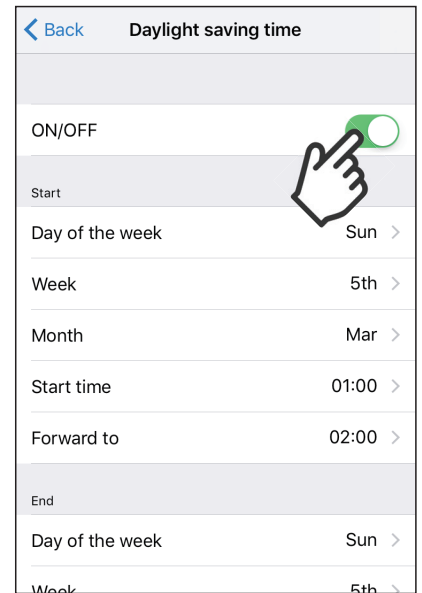


- ② Tap [Daylight saving time] in the initial setting menu.



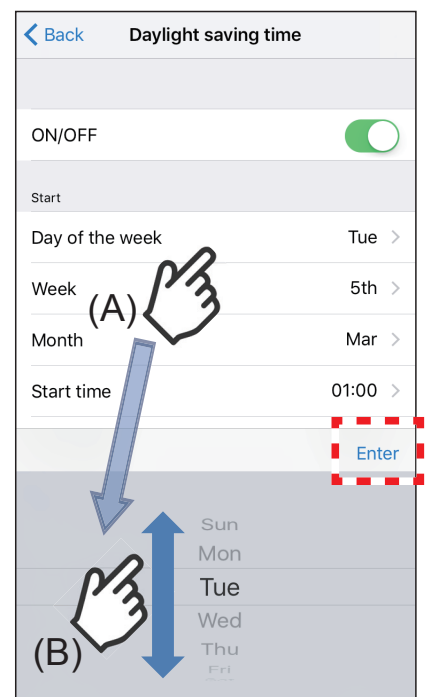
③ The daylight saving time settings screen will appear.

- Tap the area indicated with [] to switch the settings [] (Enable) and [] (Disable).



④ Set the start and end days of the week, weeks, and the times.

- (A) Tap the area indicated with [] to display the setting options for each setting.
- (B) Scroll up or down to select the desired setting, and tap [Enter].



⑤ After the setting is completed, tap [Back] to go back to the initial settings screen.

- Configure other desired settings.

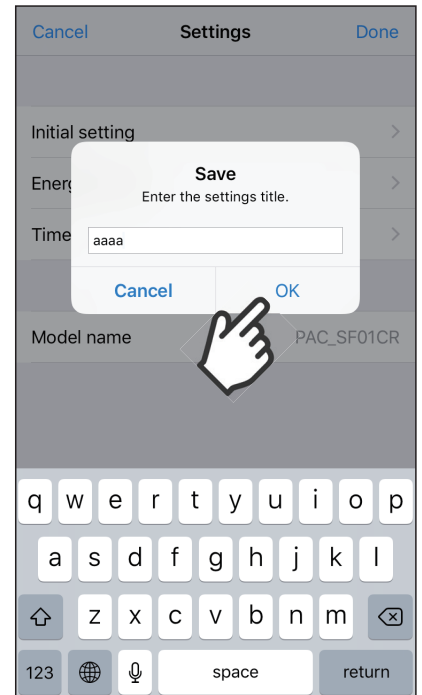
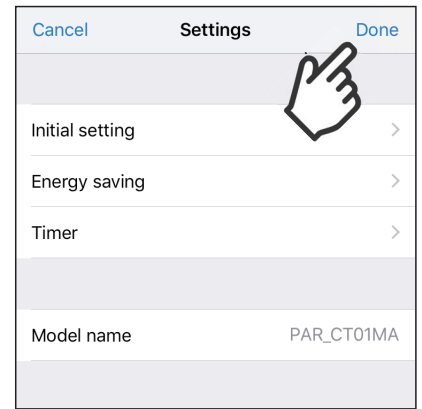
Note: For details about the other setting contents, refer to the instruction book or installation manual of the remote controller selected in the model name selection screen.

Note: For how to register the BLE device name that can be configured only from the Application, refer to section 2-1-1 “Registering BLE device name”.

(5) After the setting is completed, tap [Done], and enter the setting name to save the settings data.

Note: Up to 10 settings data can be saved.

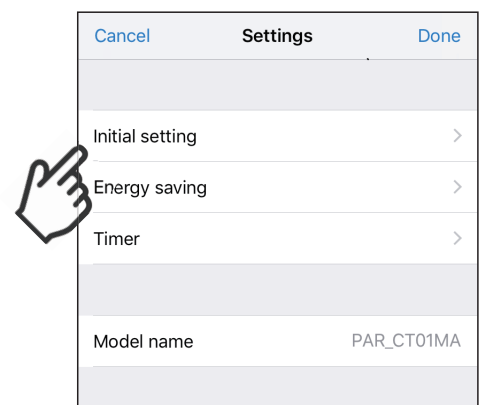
Note: Up to 16 characters can be entered for the setting name regardless of the language or number.



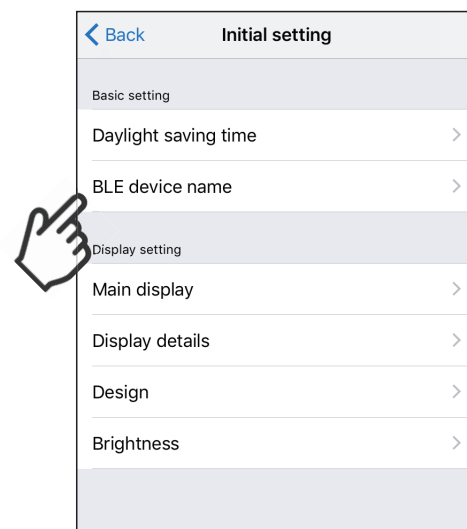
2-1-1. Registering BLE device name

The names of the remote controllers can be set to use the BLE (Bluetooth Low Energy) communication.

(1) After selecting the remote controller model name, tap [Initial setting] in the settings menu.



(2) Tap [BLE device name].

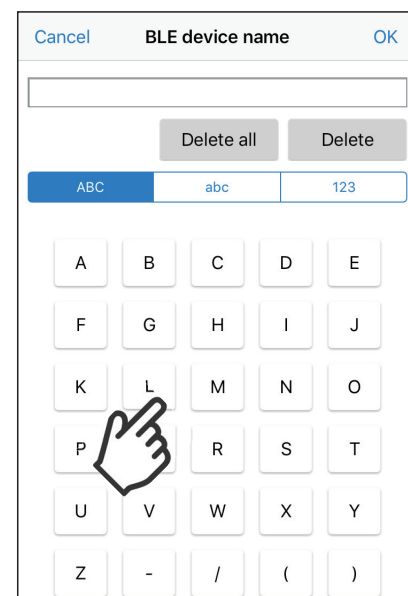


(3) Tap the name entry field.



(4) A keyboard will appear.
Tap the keys to enter characters and symbols.

Note: Up to 20 characters including alphanumeric characters and symbols can be entered.

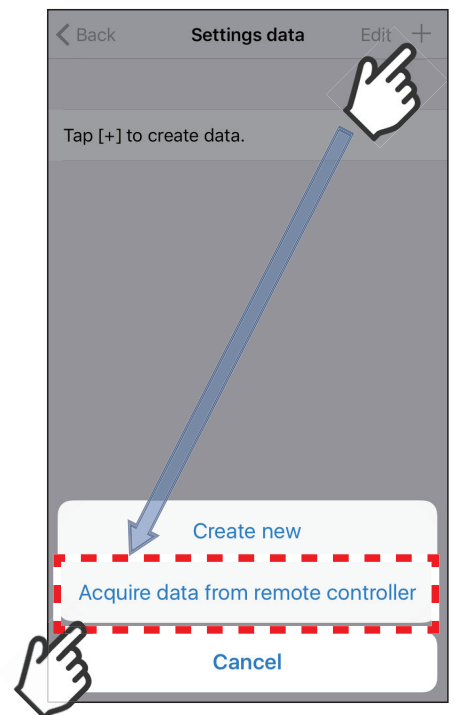


(5) After entering the name, tap [OK] to save the BLE device name and go back to the BLE device name screen.



2-2. Acquiring settings data from remote controller

(1) Tap [+] in the settings data menu, and tap [Acquire data from remote controller].



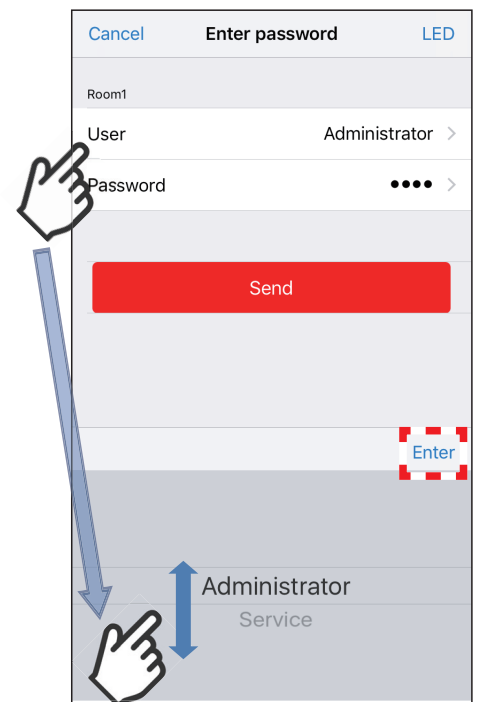
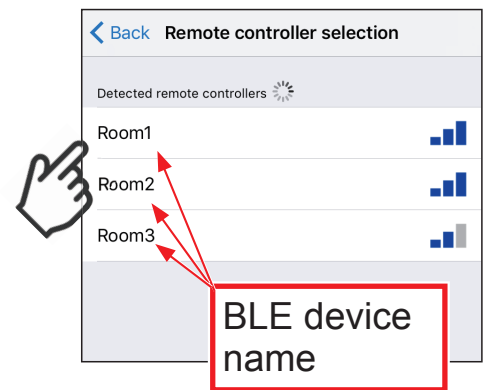
(2) Select the remote controller whose settings data to be acquired.

- The BLE device name can be checked in the Bluetooth connection information screen on the remote controller. Refer to the Bluetooth Setting Manual for details.
- The initial BLE device name is composed of “remote controller model name + 12 characters (number or A through F)”.
- The LED of the selected remote controller will light up seven times.

Note: When the target remote controller is not displayed, check that the Bluetooth setting is enabled on the remote controller and the smartphone, and then restart the Application.

(3) Select either [Administrator] or [Service] under User, and tap [Enter].

Note: Available setting items vary with the selected user.



(4) Enter the password, and tap [Send].

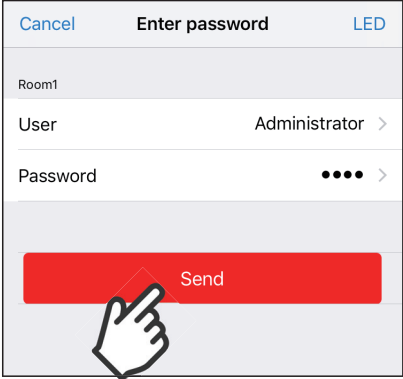
The passwords for the administrator and the maintenance user are the same as the ones used for the target remote controller.

*If this is the first time to access the target remote controller, the initial password for each user will automatically be entered. If this is the second time or later, the password used to acquire the information data from the previous time will automatically be entered.

- When [Administrator] is selected under User
→ Enter the administrator's password.
- When [Service] is selected under User
→ Enter the maintenance user's password.

Note: For the initial password, refer to the installation manual of the remote controller whose settings data are to be acquired.

Note: In the case that the password was changed from the remote controller before the setting data was sent from the remote controller to the Application, enter the new password.



Important

- The settings data can be acquired from the remote controller or sent from the Application only when the target remote controller displays the Status display or the Main display. Make sure to display the Status display or the Main display on the target remote controller as shown below. The settings data can be acquired or sent even when the backlight of the remote controller is unlit.

Status display

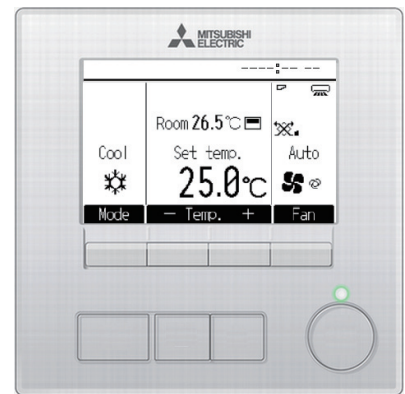


- PAR-CT0*MA series
- PAC-SF0*CR

Main display



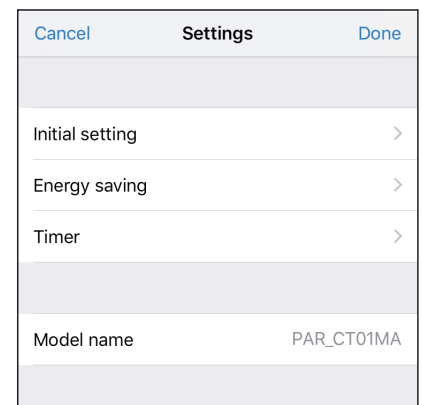
- PAR-CT0*MA series
- PAC-SF0*CR



- PAR-4*MA series
[Japan/China]

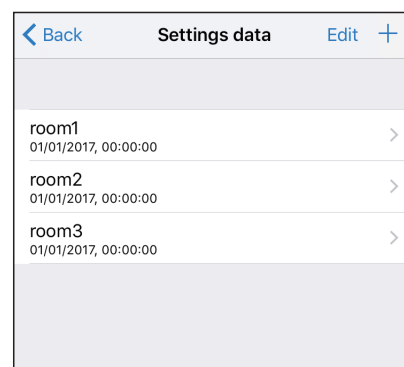
(5) When the settings data of the remote controller are properly acquired, the settings screen will appear.

- To change the settings, change the settings and tap [Done] and enter the setting name.
- When no change is required, tap [Done] and enter the setting name.



2-3. Sending settings data to remote controller

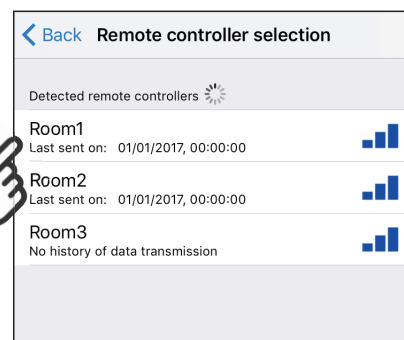
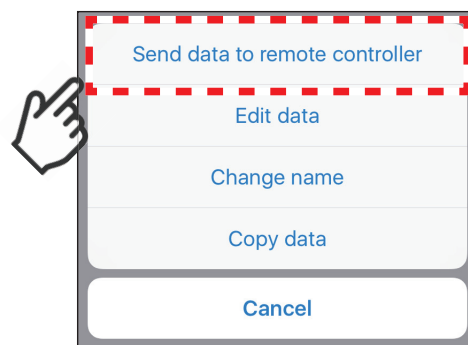
- (1) Select the data to be sent in the settings data screen.



- (2) Tap [Send data to remote controller], and tap the destination remote controller.

Note: The settings data that were newly created or copied from other remote controllers cannot be sent to the remote controller with a different model name.

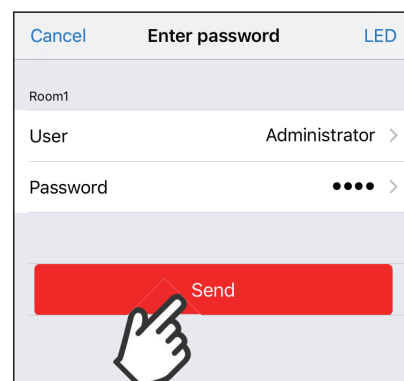
Note: The LED of the selected remote controller will light up seven times.



- (3) Enter the password and tap [Send] to send the specified settings data.
The screen will go back to the remote controller selection screen.

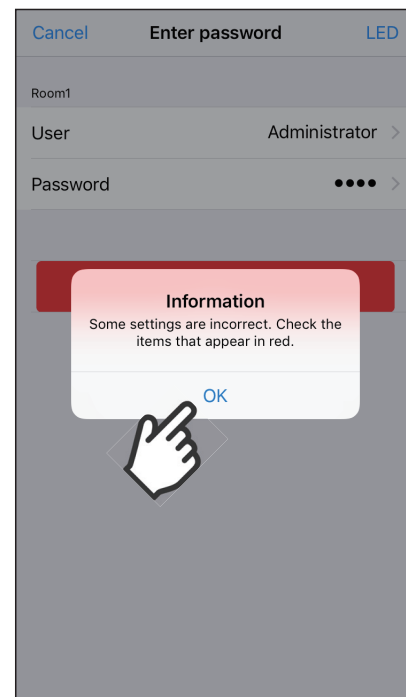
Note: Refer to section 2-2 (4) for the password.

Note: If the target remote controller does not display the Status display or the Main display, an error will occur and the data cannot be sent. Make sure to display the Status display or the Main display on the target remote controller.

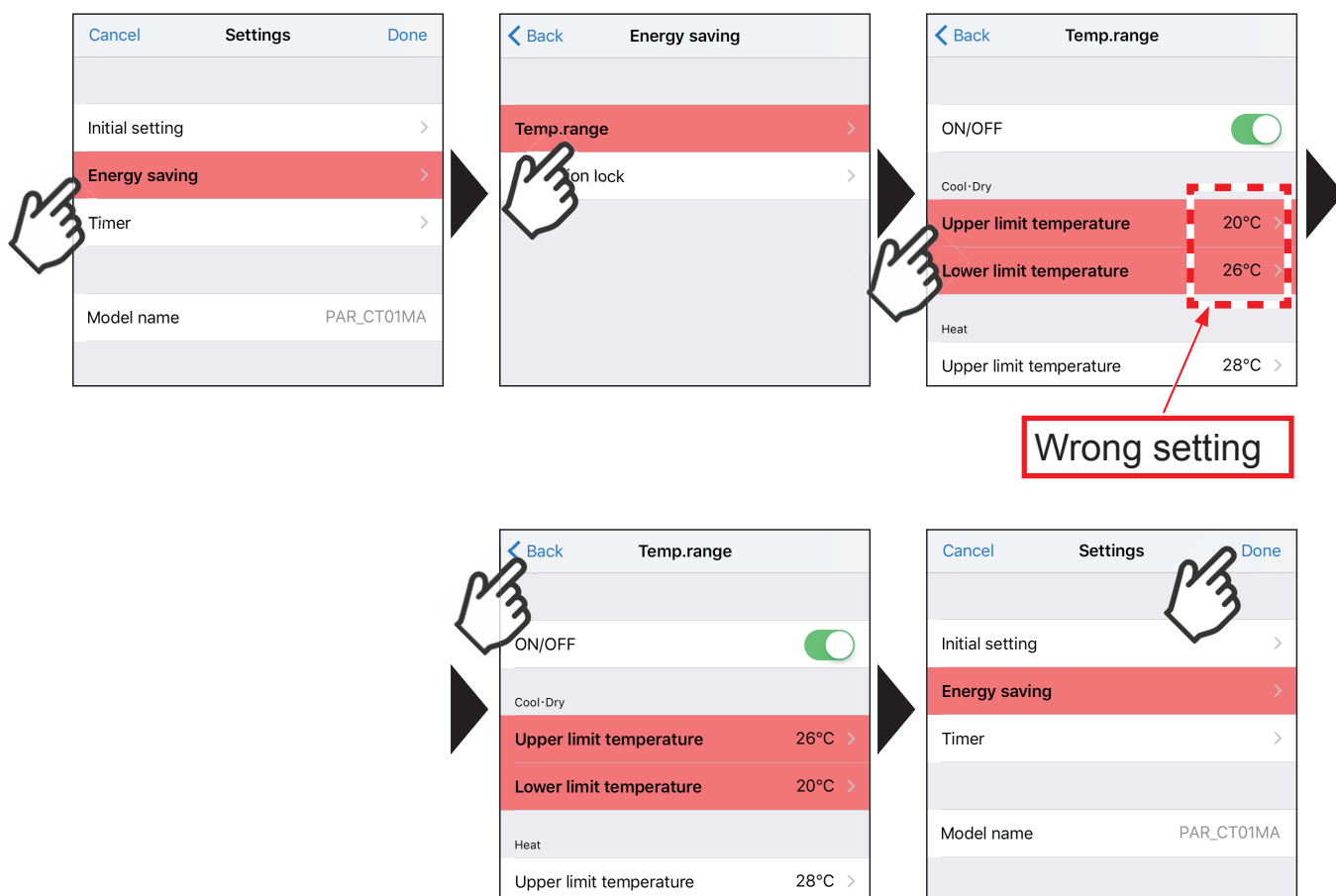


2-4. When a setting item error occurs

- (1) When there is an error in the setting item during the data transmission process, [Information] will appear.



- (2) Tap the setting contents shown in red, correct the setting contents, and tap [Done].



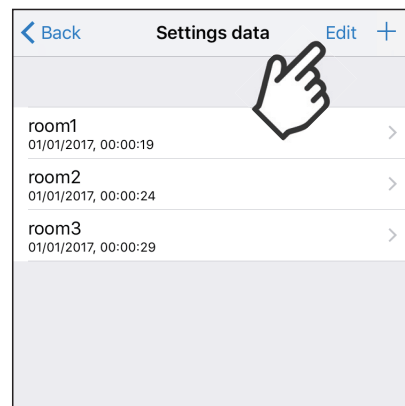
- (3) Overwrite save the settings, and select the target remote controller and send the settings again.

2-5. Deleting settings data

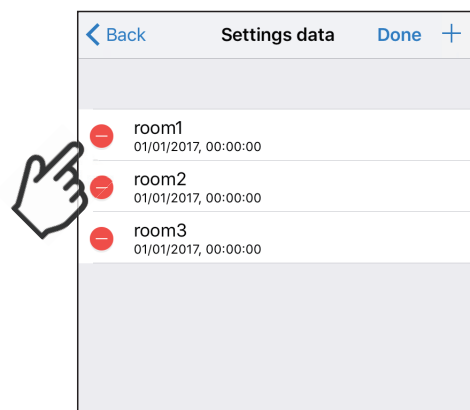
- The settings data can be deleted from the [Edit] button (①) or by flicking the data (②) as shown below.

① Deleting the settings data from the [Edit] button

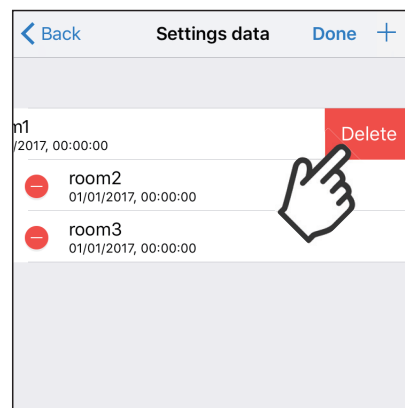
(1) Tap [Edit] on the settings data screen.



(2) Tap [-] next to the settings data to be deleted.



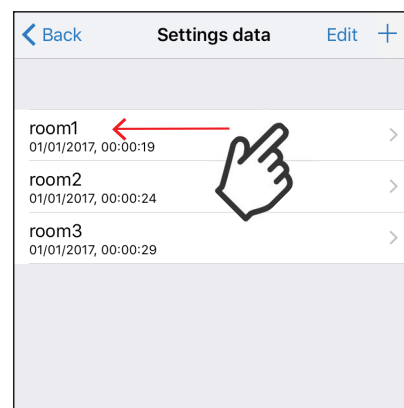
(3) Tap [Delete] on the right side of the settings data to be deleted.



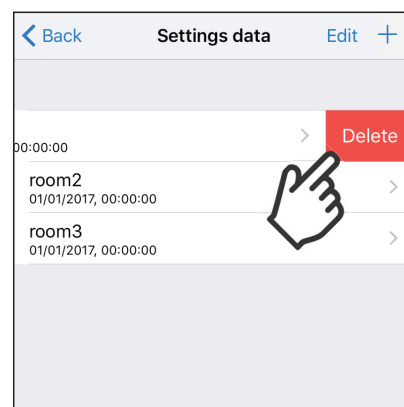
(4) Tap [Done].

② Deleting the settings data by flicking the data

(1) Flick the settings data to be deleted from right to left on the settings data screen.



(2) Tap [Delete] on the right side of the settings data to be deleted.



3. Management items

- The available management items vary with the selected user. The management items available for administrator and maintenance user are as follows.

When [Administrator] is selected

- Clock synchronization
- Operation screen
- Logo transmission

When [Service] is selected

- Clock synchronization
- Error history
- Operation screen
- Logo transmission

3-1. Clock synchronization

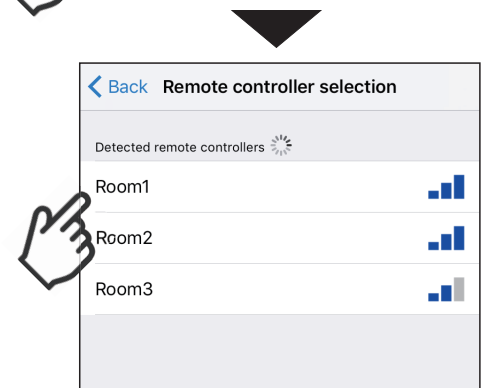
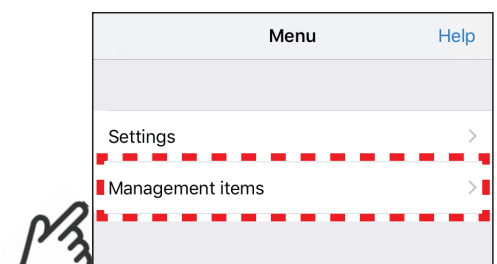
*This item is available for both administrator and maintenance user.

The clock on the remote controller and the smartphone can be synchronized.

- (1) Tap [Management items] and select the remote controller whose clock to be synchronized.

Note: The BLE device name can be checked in the Bluetooth connection information screen on the remote controller. Refer to the Bluetooth Setting Manual for details.

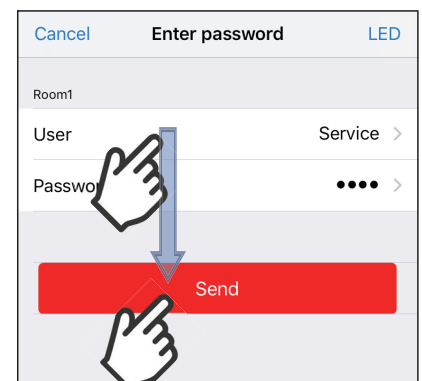
Note: The LED of the selected remote controller will light up seven times.



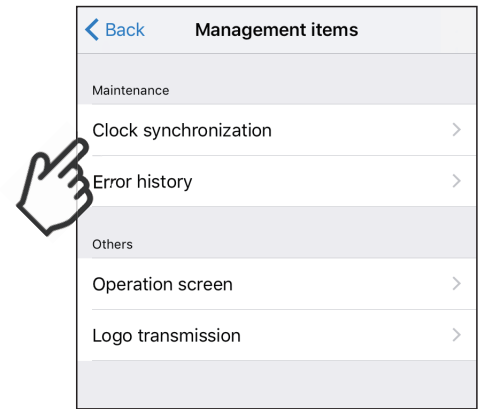
- (2) Select [Administrator] or [Service] under User, enter the password, and tap [Send].

Note: Refer to section 2-2 (4) for the password.

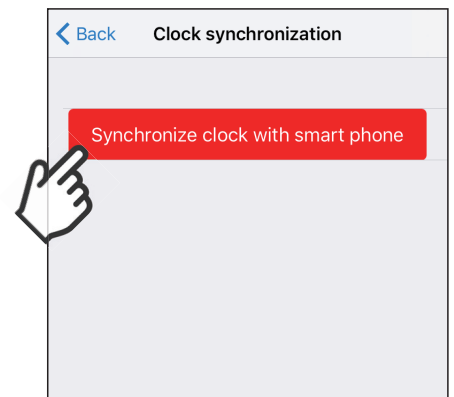
Note: If the target remote controller does not display the Status display or the Main display, an error will occur and the data cannot be sent. Make sure to display the Status display or the Main display on the target remote controller.



(3) Tap [Clock synchronization] in the management items menu.



(4) Tap [Synchronize clock with smart phone].



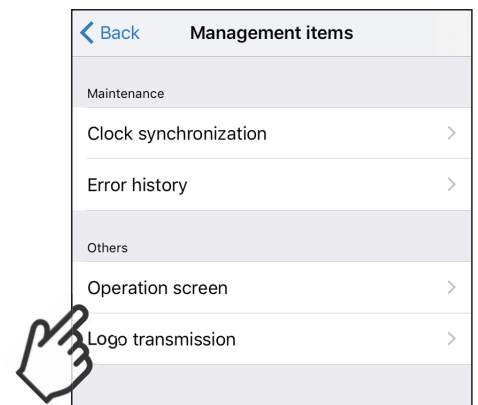
3-2. Operation screen

*This item is available for both administrator and maintenance user.

Using a smartphone, air conditioners connected to the remote controller can be operated. The following settings can be configured on the operation screen: ON/OFF, preset temperature, operation mode, fan speed, vane angle, ventilation, louver, and HOLD* settings

*HOLD setting is displayed only when PAR-CT01MAU is connected.

(1) Tap [Operation screen] in the management items screen.



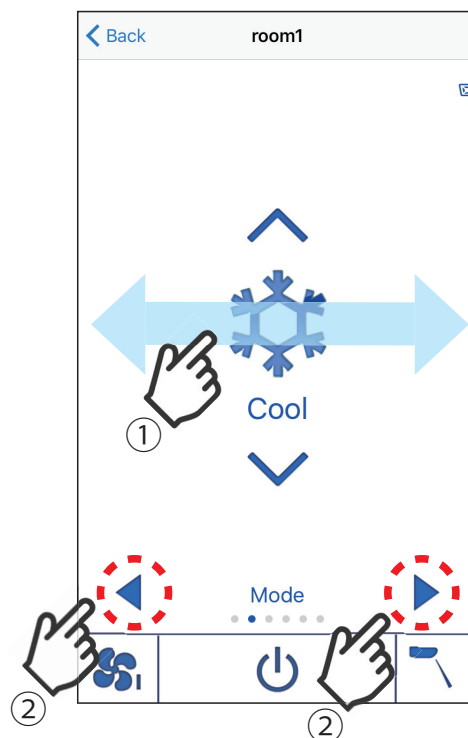
(2) An operation screen will appear.

(2)-1 Switching the screens

① Swipe left or right.

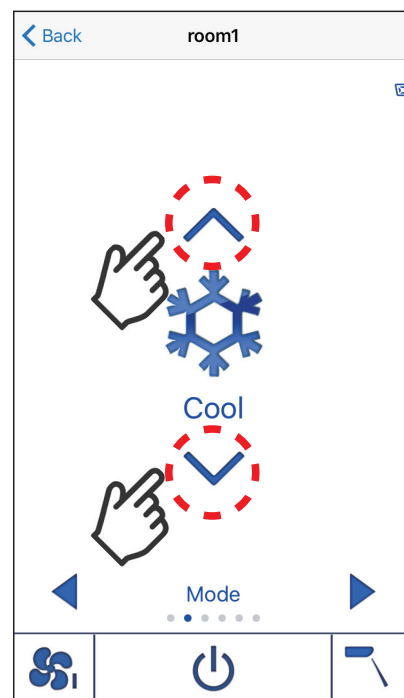
or

② Tap the [◀] or [▶] button to switch the screens.



(2)-2 Changing the setting

Tap the [▲] or [▼] button to change the setting.



3-3. Error history

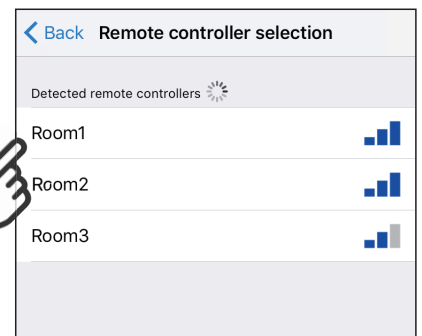
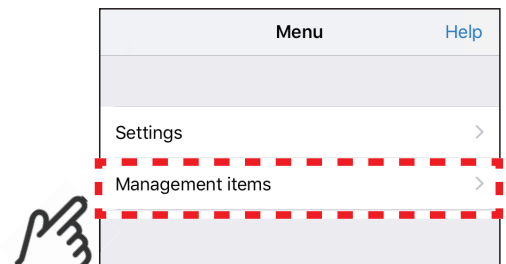
*This item is available for maintenance user only.

Using the Application, the error information of the remote controller can be checked, updated, and deleted from a smartphone.

- (1) Tap [Management items] and select the remote controller whose error information to be checked.

Note: The BLE device name can be checked in the Bluetooth connection information screen on the remote controller. Refer to the Bluetooth Setting Manual for details.

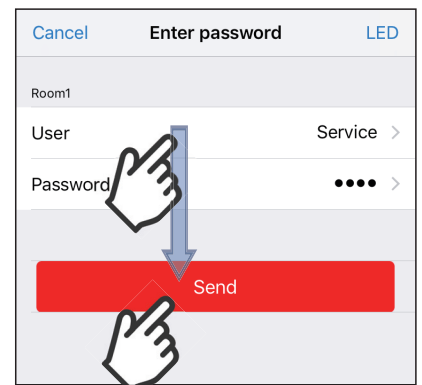
Note: The LED of the selected remote controller will light up seven times.



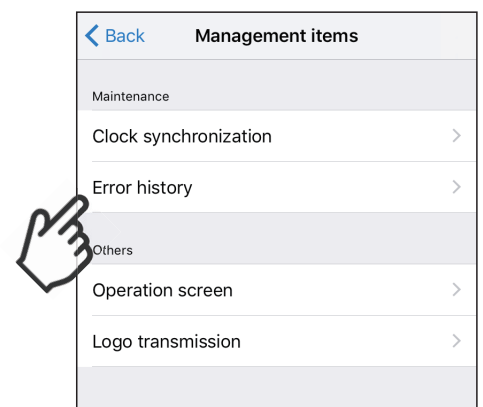
- (2) Select [Service] under User, enter the password, and tap [Send].

Note: Refer to section 2-2 (4) for the password.

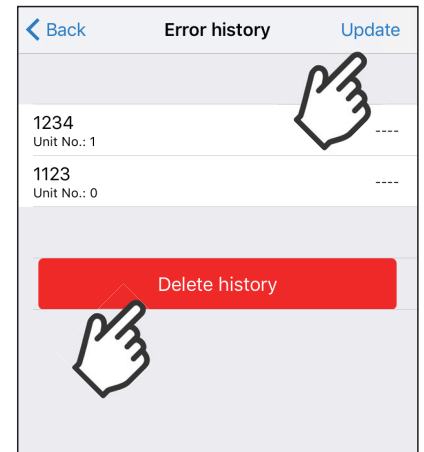
Note: If the target remote controller does not display the Status display or the Main display, an error will occur and the data cannot be sent. Make sure to display the Status display or the Main display on the target remote controller.



- (3) A management items screen will appear.
Tap [Error history] under Maintenance.



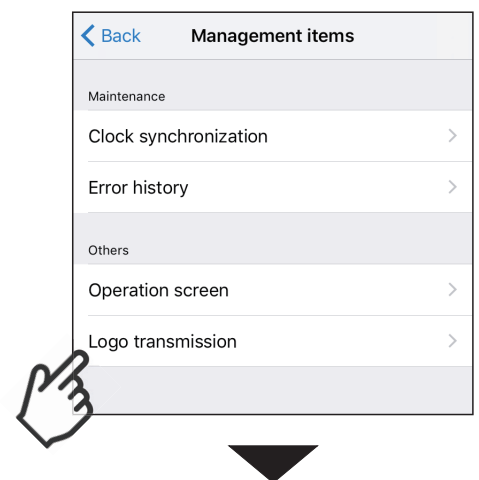
- (4) Error information can be checked.
 Tap [Delete history] to delete the error history.
 Tap [Update] to show the latest error information.



3-4. Logo transmission

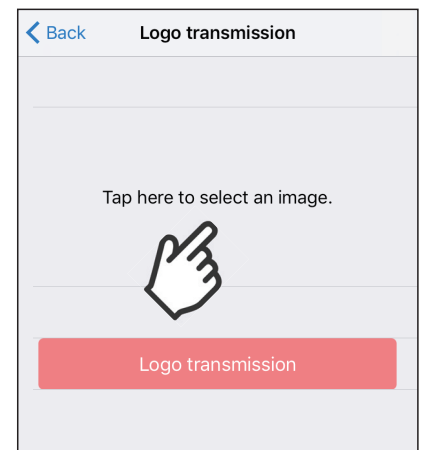
*This item is available for both administrator and maintenance user.

- (1) Tap [Logo transmission] in the management items screen.



- (2) A logo transmission screen will appear.
 Tap the screen by following the instruction on the screen, select an image, and tap [Logo transmission].

Note: Error “Logo send failed.”
 → Display the [Screen update] screen on the remote controller.



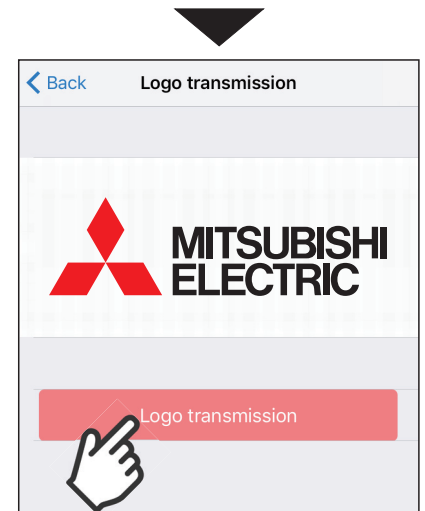
Note: [Screen update] screen must be displayed on the screen on the remote controller.

([Main menu] → [Initial setting] → [Screen update])

Note: The image file must be 320 pixels wide by 160 pixels high.

Note: The image file extension must be .png or .jpg.

Note: The transmission time varies with the image file to be sent.



4. Specifications

4-1. Applicable remote controllers

Model name	Model name shown on the Application
PAC-SF01CR	PAC-SF01CR
PAR-CT01MAA-PB/SB	PAR-CT01MA-PB, PAR-CT01MA-SB
PAR-CT01MAR-PB/SB	
PAR-CT01MAC-PB	PAR-CT01MAC-PB
PAR-CT01MAU-SB	PAR-CT01MAU-SB
PAR-40MA [Japan]	PAR-40MA
PAR-40MAAC [China]	PAR-40MAAC

4-2. Applicable smartphones

- Operating system requirement: iPhone iOS 10.0.0 or later

5. Q&A

[1] The settings data cannot be sent.

- The settings data of a remote controller cannot be sent to the remote controller with a different model name. Check the remote controller model names.
- If the target remote controller does not display the Status display or the Main display, an error will occur, and the data cannot be sent. Make sure to display the Status display or the Main display on the target remote controller.

[2] The remote controller to be connected is not displayed on the remote controller selection screen.

- Check that the Bluetooth is ON on the remote controller and the Application, and then restart the Application. Connect the Application and the remote controller on the remote controller selection screen again.

[3] A BLE (Bluetooth Low Energy) equipment error is displayed on the remote controller.

- When a BLE equipment error occurs, 4-digit error code (■ BLE equipment error code) will appear at the top left corner of the Main display of the remote controller. Check the error code, and take the following actions ① and ② .
- If the error persists after ① and ② , stop using the air conditioner, and consult your dealer.

■ BLE equipment error code

Error code	Error definitions	Action to take
6860 to 6866	BLE equipment error	① Switch the Bluetooth setting to ON → OFF → ON on the [Bluetooth setting] screen on the remote controller. ② Press the [ON/OFF] button on the remote controller to turn off the air conditioner once.

[4] An error is displayed on the Application.

- When an error occurs, 4-digit or 8-digit error code will appear on the screen. Check the error code and troubleshoot accordingly, referring to the table below.

■ Error code and troubleshooting table

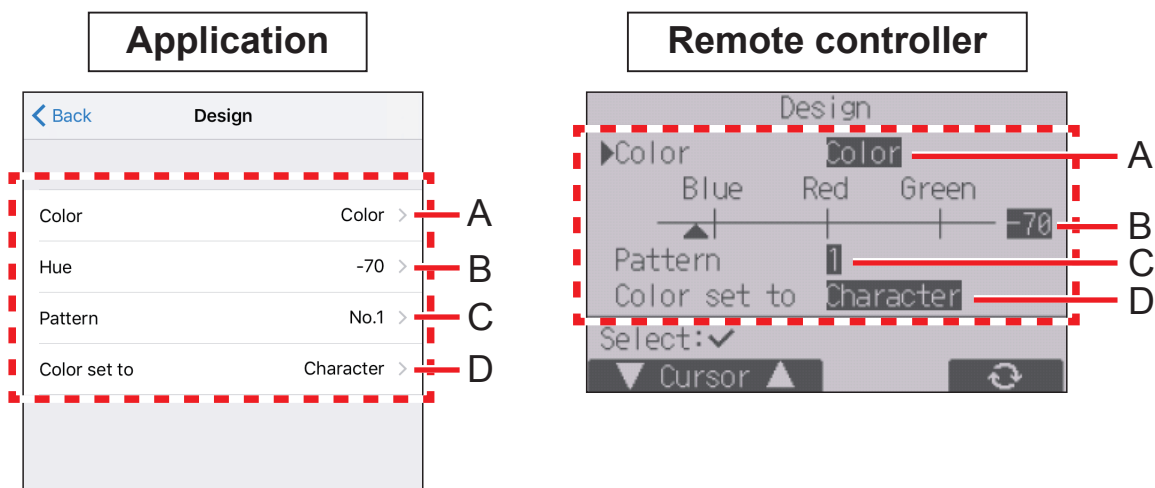
Error code	Error definitions	Error contents	Action to take
8002 to 8006, 8101, 8102, 8201, 8202, 8204 to 8209, 8301	Bluetooth communication error	An error occurred during the Bluetooth communication.	Check the Bluetooth settings [ON/OFF] on the remote controller and the Application, and send the data again. If the error persists, restart the Application and connect the Application and the remote controller again.
8203	Password error	Password is wrong.	Enter the correct password.
8207–5410	Screen display error	The Main display is not displayed on the remote controller when the Application is connecting to the remote controller.	Display the Main display on the remote controller.
8207–7300	Test run error	The remote controller is operated from the Application while the air conditioning system is running a test run.	No operation from the Application is accepted during the test run. Operate the remote controller after the test run is completed.
8207–7400	Function selection error	The remote controller is operated from the Application during the function selection of the air conditioning system.	Wait until the function selection is finished.
8207–7800	Remote controller error	The remote controller is operated from the Application when an error is occurring on the remote controller.	Check the error contents on the remote controller.
8207–7900	Operation error	The remote controller is operated from the Application while the air conditioning system is being started up.	Wait for the system to start up, and then connect the Application and the remote controller again.
8301, 8303 to 8305	System information acquisition error	The system information failed to be acquired.	Connect the Application and the remote controller again.

Error code	Error definitions	Error contents	Action to take
8302-3400	Send/Receive error	Temperature setting is made from the Application while the fan mode is set on the remote controller.	Wait a moment.
8302-3500	ON/OFF error	The target control equipment is operated while it is stopped.	Switch the ON/OFF status of the target control equipment from OFF to ON.
8302-3900	Applicable screen error	Temperature setting is made from the Application when the operation modes on the remote controller and the Application are different.	Wait a moment.
8302-5300	Clock setting error	Clock has not been set for the remote controller.	Configure the clock setting for the remote controller.
8302-5610 8302-5600 8302-5570 8302-5560 8302-5550 8302-5540 8302-5530 8302-5520 8302-5510 8302-5500	Remote controller restriction error	The setting is not configured because its operation is restricted in the initial settings for the remote controller.	Disable the restriction setting.
8302-5900	Setting error	The remote controller does not support the function.	Check the supported functions, and configure the setting again.
8405, 8406	Send error	An error occurred when the settings data was sent from the Application.	Check for proper remote controller screen display and the password, then send the settings data again.

[5] How to make the background color of the logo image match the color of the background or character color of the remote controller

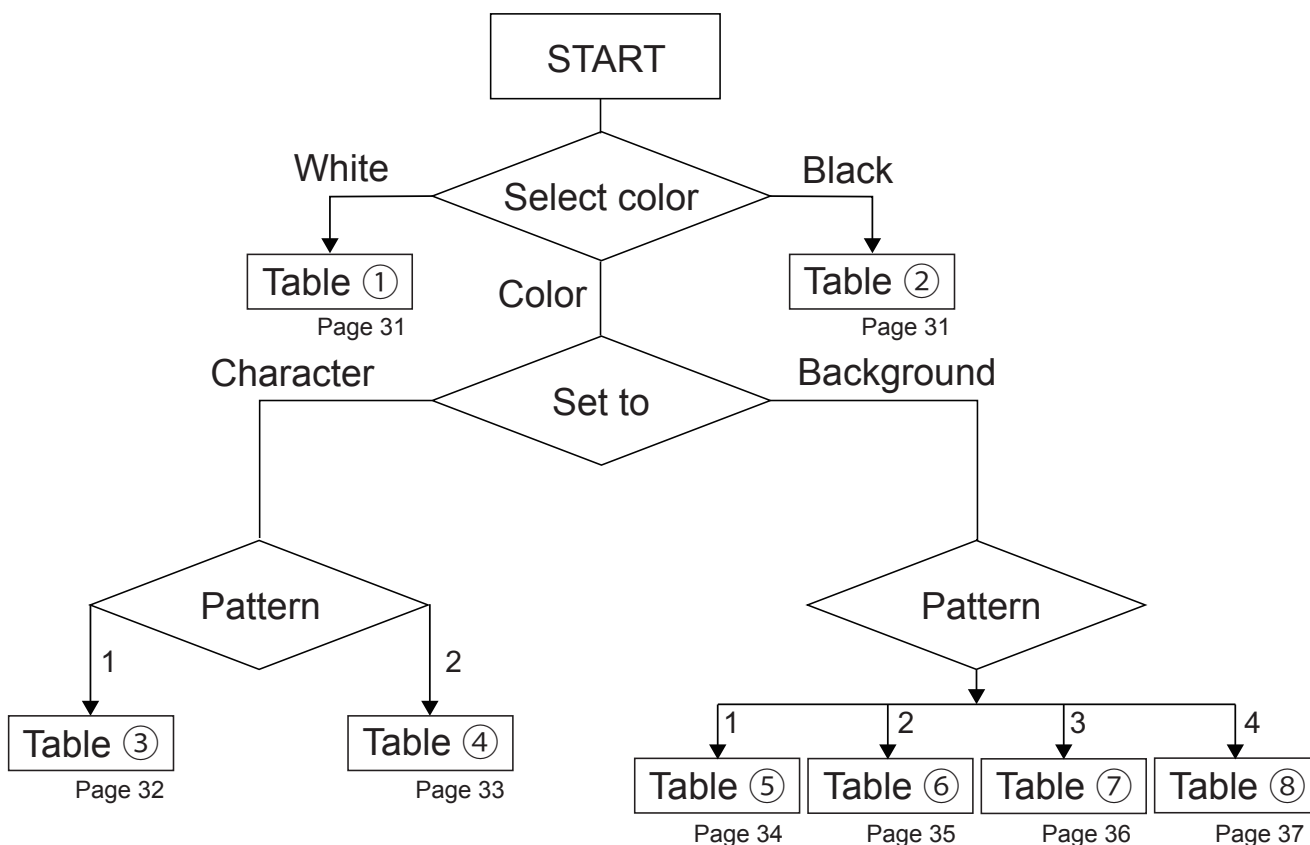
(1) Check the color setting values for the remote controller background/character (A: Color, B: Hue, C: Pattern, D: Color set to) set in the [Design] screen.

- The items can be checked in the area marked with  below in the [Design] screen ([Initial setting] → [Design]) on the Application and the remote controller.



(2) Refer to the flowchart below, using the setting values checked in step (1) above, to determine the RGB table (① to ⑧) to be used.

■ Flowchart



(3) Check the RGB value. (Remote controller background color or character color)

- Tables ① and ②

- To match the background color of the remote controller

→ RGB values highlighted in yellow 

- To match the character color of the remote controller

→ RGB values highlighted in pink 

- Tables ③ to ⑧

- Check the setting value for hue (B), and then check the RGB value in the row of the setting value.

- To match the background color using the setting value for hue (B)

→ RGB values highlighted in yellow 

- To match the character color using the setting value for hue (B)

→ RGB values highlighted in pink 

(4) Using an image editing software, set the RGB values checked in step (3) above to the background color of the logo image to be sent.

Table ①

- Color: White

Image	RGB = (R, G, B)					
	Background			Character		
	R	G	B	R	G	B
12345	240	240	240	40	44	40

Table ②

- Color: Black

Image	RGB = (R, G, B)					
	Background			Character		
	R	G	B	R	G	B
12345	40	40	40	144	148	144

Table ③

- Color set to: Character
- Pattern 1 (Background of the remote controller: White)

Image	Hue (Setting value)	RGB = (R, G, B)					
		Background			Character		
		R	G	B	R	G	B
12345	-90	240	240	240	0	160	160
12345	-89	240	240	240	0	152	160
12345	-88	240	240	240	0	148	160
12345	-87	240	240	240	0	144	160
12345	-86	240	240	240	0	136	160
12345	-85	240	240	240	0	132	160
12345	-84	240	240	240	0	128	160
12345	-83	240	240	240	0	120	160
12345	-82	240	240	240	0	116	160
12345	-81	240	240	240	0	112	160
12345	-80	240	240	240	0	104	160
12345	-79	240	240	240	0	100	160
12345	-78	240	240	240	0	96	160
12345	-77	240	240	240	0	88	160
12345	-76	240	240	240	0	84	160
12345	-75	240	240	240	0	80	160
12345	-74	240	240	240	0	72	160
12345	-73	240	240	240	0	68	160
12345	-72	240	240	240	0	64	160
12345	-71	240	240	240	0	56	160
12345	-70	240	240	240	0	52	160
12345	-69	240	240	240	0	48	160
12345	-68	240	240	240	0	40	160
12345	-67	240	240	240	0	36	160
12345	-66	240	240	240	0	32	160
12345	-65	240	240	240	0	24	160
12345	-64	240	240	240	0	20	160
12345	-63	240	240	240	0	16	160
12345	-62	240	240	240	0	8	160
12345	-61	240	240	240	0	4	160
12345	-60	240	240	240	0	0	160
12345	-59	240	240	240	0	0	160
12345	-58	240	240	240	8	0	160
12345	-57	240	240	240	16	0	160
12345	-56	240	240	240	16	0	160
12345	-55	240	240	240	24	0	160
12345	-54	240	240	240	32	0	160
12345	-53	240	240	240	32	0	160
12345	-52	240	240	240	40	0	160
12345	-51	240	240	240	48	0	160
12345	-50	240	240	240	48	0	160
12345	-49	240	240	240	56	0	160
12345	-48	240	240	240	64	0	160
12345	-47	240	240	240	64	0	160
12345	-46	240	240	240	72	0	160
12345	-45	240	240	240	80	0	160
12345	-44	240	240	240	80	0	160
12345	-43	240	240	240	88	0	160
12345	-42	240	240	240	96	0	160
12345	-41	240	240	240	96	0	160
12345	-40	240	240	240	104	0	160
12345	-39	240	240	240	112	0	160
12345	-38	240	240	240	112	0	160
12345	-37	240	240	240	120	0	160
12345	-36	240	240	240	128	0	160
12345	-35	240	240	240	128	0	160
12345	-34	240	240	240	136	0	160
12345	-33	240	240	240	144	0	160
12345	-32	240	240	240	144	0	160
12345	-31	240	240	240	152	0	160
12345	-30	240	240	240	160	0	160
12345	-29	240	240	240	160	0	152
12345	-28	240	240	240	160	0	144
12345	-27	240	240	240	160	0	144
12345	-26	240	240	240	160	0	136
12345	-25	240	240	240	160	0	128
12345	-24	240	240	240	160	0	128
12345	-23	240	240	240	160	0	120
12345	-22	240	240	240	160	0	112
12345	-21	240	240	240	160	0	112
12345	-20	240	240	240	160	0	104
12345	-19	240	240	240	160	0	96
12345	-18	240	240	240	160	0	96
12345	-17	240	240	240	160	0	88
12345	-16	240	240	240	160	0	80
12345	-15	240	240	240	160	0	80
12345	-14	240	240	240	160	0	72
12345	-13	240	240	240	160	0	64
12345	-12	240	240	240	160	0	64
12345	-11	240	240	240	160	0	56
12345	-10	240	240	240	160	0	48
12345	-9	240	240	240	160	0	48
12345	-8	240	240	240	160	0	40
12345	-7	240	240	240	160	0	32
12345	-6	240	240	240	160	0	32
12345	-5	240	240	240	160	0	24
12345	-4	240	240	240	160	0	16
12345	-3	240	240	240	160	0	16
12345	-2	240	240	240	160	0	8
12345	-1	240	240	240	160	0	0

Image	Hue (Setting value)	RGB = (R, G, B)					
		Background			Character		
		R	G	B	R	G	B
12345	0	240	240	240	160	0	0
12345	1	240	240	240	160	4	0
12345	2	240	240	240	160	8	0
12345	3	240	240	240	160	16	0
12345	4	240	240	240	160	20	0
12345	5	240	240	240	160	24	0
12345	6	240	240	240	160	32	0
12345	7	240	240	240	160	36	0
12345	8	240	240	240	160	40	0
12345	9	240	240	240	160	48	0
12345	10	240	240	240	160	52	0
12345	11	240	240	240	160	56	0
12345	12	240	240	240	160	64	0
12345	13	240	240	240	160	68	0
12345	14	240	240	240	160	72	0
12345	15	240	240	240	160	80	0
12345	16	240	240	240	160	84	0
12345	17	240	240	240	160	88	0
12345	18	240	240	240	160	96	0
12345	19	240	240	240	160	100	0
12345	20	240	240	240	160	104	0
12345	21	240	240	240	160	112	0
12345	22	240	240	240	160	116	0
12345	23	240	240	240	160	120	0
12345	24	240	240	240	160	128	0
12345	25	240	240	240	160	132	0
12345	26	240	240	240	160	136	0
12345	27	240	240	240	160	144	0
12345	28	240	240	240	160	148	0
12345	29	240	240	240	160	152	0
12345	30	240	240	240	160	160	0
12345	31	240	240	240	152	160	0
12345	32	240	240	240	144	160	0
12345	33	240	240	240	144	160	0
12345	34	240	240	240	136	160	0
12345	35	240	240	240	128	160	0
12345	36	240	240	240	128	160	0
12345	37	240	240	240	120	160	0
12345	38	240	240	240	112	160	0
12345	39	240	240	240	112	160	0
12345	40	240	240	240	104	160	0
12345	41	240	240	240	96	160	0
12345	42	240	240	240	96	160	0
12345	43	240	240	240	88	160	0
12345	44	240	240	240	80	160	0
12345	45	240	240	240	80	160	0
12345	46	240	240	240	72	160	0
12345	47	240	240	240	64	160	0
12345	48	240	240	240	64	160	0
12345	49	240	240	240	56	160	0
12345	50	240	240	240	48	160	0
12345	51	240	240	240	48	160	0
12345	52	240	240	240	40	160	0
12345	53	240	240	240	32	160	0
12345	54	240	240	240	32	160	0
12345	55	240	240	240	24	160	0
12345	56	240	240	240	16	160	0
12345	57	240	240	240	16	160	0
12345	58	240	240	240	8	160	0
12345	59	240	240	240	0	160	0
12345	60	240	240	240	0	160	0
12345	61	240	240	240	0	160	0
12345	62	240	240	240	0	160	8
12345	63	240	240	240	0	160	16
12345	64	240	240	240	0	160	16
12345	65	240	240	240	0	160	24
12345	66	240	240	240	0	160	32
12345	67	240	240	240	0	160	32
12345	68	240	240	240	0	160	40
12345	69	240	240	240	0	160	48
12345	70	240	240	240	0	160	48
12345	71	240	240	240	0	160	56
12345	72	240	240	240	0	160	64
12345	73	240	240	240	0	160	64
12345	74	240	240	240	0	160	72
12345	75	240	240	240	0	160	80
12345	76	240	240	240	0	160	80
12345	77	240	240	240	0	160	88
12345	78	240	240	240	0	160	96
12345	79	240	240	240	0	160	96
12345	80	240	240	240	0	160	104
12345	81	240	240	240	0	160	112
12345	82	240	240	240	0	160	112
12345	83	240	240	240	0	160	120
12345	84	240	240	240	0	160	128
12345	85	240	240	240	0	160	128
12345	86	240	240	240	0	160	136
12345	87	240	240	240	0	160	144
12345	88	240	240	240	0	160	144
12345	89	240	240	240	0	160	152

Table ④

- Color set to: Character
- Pattern 2 (Background of the remote controller: Black)

Image	Hue (Setting value)	RGB = (R, G, B)					
		Background			Character		
		R	G	B	R	G	B
12345	-90	40	40	40	0	200	200
12345	-89	40	40	40	0	192	200
12345	-88	40	40	40	0	184	200
12345	-87	40	40	40	0	180	200
12345	-86	40	40	40	0	172	200
12345	-85	40	40	40	0	164	200
12345	-84	40	40	40	0	160	200
12345	-83	40	40	40	0	152	200
12345	-82	40	40	40	0	144	200
12345	-81	40	40	40	0	140	200
12345	-80	40	40	40	0	132	200
12345	-79	40	40	40	0	124	200
12345	-78	40	40	40	0	120	200
12345	-77	40	40	40	0	112	200
12345	-76	40	40	40	0	104	200
12345	-75	40	40	40	0	100	200
12345	-74	40	40	40	0	92	200
12345	-73	40	40	40	0	84	200
12345	-72	40	40	40	0	80	200
12345	-71	40	40	40	0	72	200
12345	-70	40	40	40	0	64	200
12345	-69	40	40	40	0	60	200
12345	-68	40	40	40	0	52	200
12345	-67	40	40	40	0	44	200
12345	-66	40	40	40	0	40	200
12345	-65	40	40	40	0	32	200
12345	-64	40	40	40	0	24	200
12345	-63	40	40	40	0	20	200
12345	-62	40	40	40	0	12	200
12345	-61	40	40	40	0	4	200
12345	-60	40	40	40	0	0	200
12345	-59	40	40	40	0	0	200
12345	-58	40	40	40	8	0	200
12345	-57	40	40	40	16	0	200
12345	-56	40	40	40	24	0	200
12345	-55	40	40	40	32	0	200
12345	-54	40	40	40	40	0	200
12345	-53	40	40	40	40	0	200
12345	-52	40	40	40	48	0	200
12345	-51	40	40	40	56	0	200
12345	-50	40	40	40	64	0	200
12345	-49	40	40	40	72	0	200
12345	-48	40	40	40	80	0	200
12345	-47	40	40	40	80	0	200
12345	-46	40	40	40	88	0	200
12345	-45	40	40	40	96	0	200
12345	-44	40	40	40	104	0	200
12345	-43	40	40	40	112	0	200
12345	-42	40	40	40	120	0	200
12345	-41	40	40	40	120	0	200
12345	-40	40	40	40	128	0	200
12345	-39	40	40	40	136	0	200
12345	-38	40	40	40	144	0	200
12345	-37	40	40	40	152	0	200
12345	-36	40	40	40	160	0	200
12345	-35	40	40	40	160	0	200
12345	-34	40	40	40	168	0	200
12345	-33	40	40	40	176	0	200
12345	-32	40	40	40	184	0	200
12345	-31	40	40	40	192	0	200
12345	-30	40	40	40	200	0	200
12345	-29	40	40	40	200	0	192
12345	-28	40	40	40	200	0	184
12345	-27	40	40	40	200	0	176
12345	-26	40	40	40	200	0	168
12345	-25	40	40	40	200	0	160
12345	-24	40	40	40	200	0	160
12345	-23	40	40	40	200	0	152
12345	-22	40	40	40	200	0	144
12345	-21	40	40	40	200	0	136
12345	-20	40	40	40	200	0	128
12345	-19	40	40	40	200	0	120
12345	-18	40	40	40	200	0	120
12345	-17	40	40	40	200	0	112
12345	-16	40	40	40	200	0	104
12345	-15	40	40	40	200	0	96
12345	-14	40	40	40	200	0	88
12345	-13	40	40	40	200	0	80
12345	-12	40	40	40	200	0	80
12345	-11	40	40	40	200	0	72
12345	-10	40	40	40	200	0	64
12345	-9	40	40	40	200	0	56
12345	-8	40	40	40	200	0	48
12345	-7	40	40	40	200	0	40
12345	-6	40	40	40	200	0	40
12345	-5	40	40	40	200	0	32
12345	-4	40	40	40	200	0	24
12345	-3	40	40	40	200	0	16
12345	-2	40	40	40	200	0	8
12345	-1	40	40	40	200	0	0

Image	Hue (Setting value)	RGB = (R, G, B)					
		Background			Character		
		R	G	B	R	G	B
12345	0	40	40	40	200	0	0
12345	1	40	40	40	200	4	0
12345	2	40	40	40	200	12	0
12345	3	40	40	40	200	20	0
12345	4	40	40	40	200	24	0
12345	5	40	40	40	200	32	0
12345	6	40	40	40	200	40	0
12345	7	40	40	40	200	44	0
12345	8	40	40	40	200	52	0
12345	9	40	40	40	200	60	0
12345	10	40	40	40	200	64	0
12345	11	40	40	40	200	72	0
12345	12	40	40	40	200	80	0
12345	13	40	40	40	200	84	0
12345	14	40	40	40	200	92	0
12345	15	40	40	40	200	100	0
12345	16	40	40	40	200	104	0
12345	17	40	40	40	200	112	0
12345	18	40	40	40	200	120	0
12345	19	40	40	40	200	124	0
12345	20	40	40	40	200	132	0
12345	21	40	40	40	200	140	0
12345	22	40	40	40	200	144	0
12345	23	40	40	40	200	152	0
12345	24	40	40	40	200	160	0
12345	25	40	40	40	200	164	0
12345	26	40	40	40	200	172	0
12345	27	40	40	40	200	180	0
12345	28	40	40	40	200	184	0
12345	29	40	40	40	200	192	0
12345	30	40	40	40	200	200	0
12345	31	40	40	40	192	200	0
12345	32	40	40	40	184	200	0
12345	33	40	40	40	176	200	0
12345	34	40	40	40	168	200	0
12345	35	40	40	40	160	200	0
12345	36	40	40	40	160	200	0
12345	37	40	40	40	152	200	0
12345	38	40	40	40	144	200	0
12345	39	40	40	40	136	200	0
12345	40	40	40	40	128	200	0
12345	41	40	40	40	120	200	0
12345	42	40	40	40	120	200	0
12345	43	40	40	40	112	200	0
12345	44	40	40	40	104	200	0
12345	45	40	40	40	96	200	0
12345	46	40	40	40	88	200	0
12345	47	40	40	40	80	200	0
12345	48	40	40	40	80	200	0
12345	49	40	40	40	72	200	0
12345	50	40	40	40	64	200	0
12345	51	40	40	40	56	200	0
12345	52	40	40	40	48	200	0
12345	53	40	40	40	40	200	0
12345	54	40	40	40	40	200	0
12345	55	40	40	40	32	200	0
12345	56	40	40	40	24	200	0
12345	57	40	40	40	16	200	0
12345	58	40	40	40	8	200	0
12345	59	40	40	40	0	200	0
12345	60	40	40	40	0	200	0
12345	61	40	40	40	0	200	0
12345	62	40	40	40	0	200	8
12345	63	40	40	40	0	200	16
12345	64	40	40	40	0	200	24
12345	65	40	40	40	0	200	32
12345	66	40	40	40	0	200	40
12345	67	40	40	40	0	200	40
12345	68	40	40	40	0	200	48
12345	69	40	40	40	0	200	56
12345	70	40	40	40	0	200	64
12345	71	40	40	40	0	200	72
12345	72	40	40	40	0	200	80
12345	73	40	40	40	0	200	80
12345	74	40	40	40	0	200	88
12345	75	40	40	40	0	200	96
12345	76	40	40	40	0	200	104
12345	77	40	40	40	0	200	112
12345	78	40	40	40	0	200	120
12345	79	40	40	40	0	200	120
12345	80	40	40	40	0	200	128
12345	81	40	40	40	0	200	136
12345	82	40	40	40	0	200	144
12345	83	40	40	40	0	200	152
12345	84	40	40	40	0	200	160
12345	85	40	40	40	0	200	160
12345	86	40	40	40	0	200	168
12345	87	40	40	40	0	200	176
12345	88	40	40	40	0	200	184
12345	89	40	40	40	0	200	192

Table ⑤

- Color set to: Background
- Pattern 1 (Background of the remote controller: Bright)
(Character on the remote controller: Black)

Image	Hue (Setting value)	RGB = (R, G, B)					
		Background			Character		
		R	G	B	R	G	B
12345	-90	176	240	240	32	36	32
12345	-89	176	236	240	32	36	32
12345	-88	176	236	240	32	36	32
12345	-87	176	232	240	32	36	32
12345	-86	176	228	240	32	32	32
12345	-85	176	228	240	32	32	32
12345	-84	176	224	240	32	32	32
12345	-83	176	224	240	32	32	32
12345	-82	176	220	240	32	32	32
12345	-81	176	220	240	32	32	32
12345	-80	176	216	240	32	32	32
12345	-79	176	216	240	32	32	32
12345	-78	176	212	240	32	32	32
12345	-77	176	212	240	32	32	32
12345	-76	176	208	240	32	32	32
12345	-75	176	208	240	32	32	32
12345	-74	176	204	240	32	32	32
12345	-73	176	204	240	32	32	32
12345	-72	176	200	240	32	32	32
12345	-71	176	196	240	32	32	32
12345	-70	176	196	240	32	32	32
12345	-69	176	192	240	32	32	32
12345	-68	176	192	240	32	32	32
12345	-67	176	188	240	32	32	32
12345	-66	176	188	240	32	32	32
12345	-65	176	184	240	32	32	32
12345	-64	176	184	240	32	32	32
12345	-63	176	180	240	32	32	32
12345	-62	176	180	240	32	32	32
12345	-61	176	176	240	32	32	32
12345	-60	176	176	240	32	32	32
12345	-59	176	176	240	32	32	32
12345	-58	176	176	240	32	32	32
12345	-57	176	176	240	32	32	32
12345	-56	184	176	240	32	32	32
12345	-55	184	176	240	32	32	32
12345	-54	184	176	240	32	32	32
12345	-53	184	176	240	32	32	32
12345	-52	192	176	240	32	32	32
12345	-51	192	176	240	32	32	32
12345	-50	192	176	240	32	32	32
12345	-49	192	176	240	32	32	32
12345	-48	200	176	240	32	32	32
12345	-47	200	176	240	32	32	32
12345	-46	200	176	240	32	32	32
12345	-45	208	176	240	32	32	32
12345	-44	208	176	240	32	32	32
12345	-43	208	176	240	32	32	32
12345	-42	208	176	240	32	32	32
12345	-41	216	176	240	32	32	32
12345	-40	216	176	240	32	32	32
12345	-39	216	176	240	32	32	32
12345	-38	216	176	240	32	32	32
12345	-37	224	176	240	32	32	32
12345	-36	224	176	240	32	32	32
12345	-35	224	176	240	32	32	32
12345	-34	224	176	240	32	32	32
12345	-33	232	176	240	32	32	32
12345	-32	232	176	240	32	32	32
12345	-31	232	176	240	32	32	32
12345	-30	240	176	240	32	32	32
12345	-29	240	176	232	32	32	32
12345	-28	240	176	232	32	32	32
12345	-27	240	176	232	32	32	32
12345	-26	240	176	224	32	32	32
12345	-25	240	176	224	32	32	32
12345	-24	240	176	224	32	32	32
12345	-23	240	176	224	32	32	32
12345	-22	240	176	216	32	32	32
12345	-21	240	176	216	32	32	32
12345	-20	240	176	216	32	32	32
12345	-19	240	176	216	32	32	32
12345	-18	240	176	208	32	32	32
12345	-17	240	176	208	32	32	32
12345	-16	240	176	208	32	32	32
12345	-15	240	176	208	32	32	32
12345	-14	240	176	200	32	32	32
12345	-13	240	176	200	32	32	32
12345	-12	240	176	200	32	32	32
12345	-11	240	176	192	32	32	32
12345	-10	240	176	192	32	32	32
12345	-9	240	176	192	32	32	32
12345	-8	240	176	192	32	32	32
12345	-7	240	176	184	32	32	32
12345	-6	240	176	184	32	32	32
12345	-5	240	176	184	32	32	32
12345	-4	240	176	184	32	32	32
12345	-3	240	176	176	32	32	32
12345	-2	240	176	176	32	32	32
12345	-1	240	176	176	32	32	32

Image	Hue (Setting value)	RGB = (R, G, B)					
		Background			Character		
		R	G	B	R	G	B
12345	0	240	176	176	32	32	32
12345	1	240	176	176	32	32	32
12345	2	240	180	176	32	32	32
12345	3	240	180	176	32	32	32
12345	4	240	184	176	32	32	32
12345	5	240	184	176	32	32	32
12345	6	240	188	176	32	32	32
12345	7	240	188	176	32	32	32
12345	8	240	192	176	32	32	32
12345	9	240	192	176	32	32	32
12345	10	240	196	176	32	32	32
12345	11	240	196	176	32	32	32
12345	12	240	200	176	32	32	32
12345	13	240	204	176	32	32	32
12345	14	240	204	176	32	32	32
12345	15	240	208	176	32	32	32
12345	16	240	208	176	32	32	32
12345	17	240	212	176	32	32	32
12345	18	240	212	176	32	32	32
12345	19	240	216	176	32	32	32
12345	20	240	216	176	32	32	32
12345	21	240	220	176	32	32	32
12345	22	240	220	176	32	32	32
12345	23	240	224	176	32	32	32
12345	24	240	224	176	32	32	32
12345	25	240	228	176	32	32	32
12345	26	240	228	176	32	32	32
12345	27	240	232	176	32	36	32
12345	28	240	236	176	32	36	32
12345	29	240	236	176	32	36	32
12345	30	240	240	176	32	36	32
12345	31	232	240	176	32	36	32
12345	32	232	240	176	32	36	32
12345	33	232	240	176	32	36	32
12345	34	224	240	176	32	36	32
12345	35	224	240	176	32	36	32
12345	36	224	240	176	32	36	32
12345	37	224	240	176	32	36	32
12345	38	216	240	176	32	36	32
12345	39	216	240	176	32	36	32
12345	40	216	240	176	32	36	32
12345	41	216	240	176	32	36	32
12345	42	208	240	176	32	36	32
12345	43	208	240	176	32	36	32
12345	44	208	240	176	32	36	32
12345	45	208	240	176	32	36	32
12345	46	200	240	176	32	36	32
12345	47	200	240	176	32	36	32
12345	48	200	240	176	32	36	32
12345	49	192	240	176	32	36	32
12345	50	192	240	176	32	36	32
12345	51	192	240	176	32	36	32
12345	52	192	240	176	32	36	32
12345	53	184	240	176	32	36	32
12345	54	184	240	176	32	36	32
12345	55	184	240	176	32	36	32
12345	56	184	240	176	32	36	32
12345	57	176	240	176	32	36	32
12345	58	176	240	176	32	36	32
12345	59	176	240	176	32	36	32
12345	60	176	240	176	32	36	32
12345	61	176	240	176	32	36	32
12345	62	176	240	176	32	36	32
12345	63	176	240	176	32	36	32
12345	64	176	240	184	32	36	32
12345	65	176	240	184	32	36	32
12345	66	176	240	184	32	36	32
12345	67	176	240	184	32	36	32
12345	68	176	240	192	32	36	32
12345	69	176	240	192	32	36	32
12345	70	176	240	192	32	36	32
12345	71	176	240	192	32	36	32
12345	72	176	240	200	32	36	32
12345	73	176	240	200	32	36	32
12345	74	176	240	200	32	36	32
12345	75	176	240	208	32	36	32
12345	76	176	240	208	32	36	32
12345	77	176	240	208	32	36	32
12345	78	176	240	208	32	36	32
12345	79	176	240	216	32	36	32
12345	80	176	240	216	32	36	32
12345	81	176	240	216	32	36	32
12345	82	176	240	216	32	36	32
12345	83	176	240	224	32	36	32
12345	84	176	240	224	32	36	32
12345	85	176	240	224	32	36	32
12345	86	176	240	224	32	36	32
12345	87	176	240	232	32	36	32
12345	88	176	240	232	32	36	32
12345	89	176	240	232	32	36	32

Table ⑥

- Color set to: Background
- Pattern 2 (Background of the remote controller: Normal)
(Character on the remote controller: Black)

Image	Hue (Setting value)	RGB = (R, G, B)					
		Background			Character		
		R	G	B	R	G	B
12345	-90	112	224	224	32	36	32
12345	-89	112	220	224	32	36	32
12345	-88	112	216	224	32	36	32
12345	-87	112	212	224	32	36	32
12345	-86	112	208	224	32	32	32
12345	-85	112	204	224	32	32	32
12345	-84	112	200	224	32	32	32
12345	-83	112	196	224	32	32	32
12345	-82	112	192	224	32	32	32
12345	-81	112	188	224	32	32	32
12345	-80	112	184	224	32	32	32
12345	-79	112	180	224	32	32	32
12345	-78	112	176	224	32	32	32
12345	-77	112	172	224	32	32	32
12345	-76	112	172	224	32	32	32
12345	-75	112	168	224	32	32	32
12345	-74	112	164	224	32	32	32
12345	-73	112	160	224	32	32	32
12345	-72	112	156	224	32	32	32
12345	-71	112	152	224	32	32	32
12345	-70	112	148	224	32	32	32
12345	-69	112	144	224	32	32	32
12345	-68	112	140	224	32	32	32
12345	-67	112	136	224	32	32	32
12345	-66	112	132	224	32	32	32
12345	-65	112	128	224	32	32	32
12345	-64	112	124	224	32	32	32
12345	-63	112	120	224	32	32	32
12345	-62	112	116	224	32	32	32
12345	-61	112	116	224	32	32	32
12345	-60	112	112	224	32	32	32
12345	-59	112	112	224	32	32	32
12345	-58	112	112	224	32	32	32
12345	-57	120	112	224	32	32	32
12345	-56	120	112	224	32	32	32
12345	-55	128	112	224	32	32	32
12345	-54	128	112	224	32	32	32
12345	-53	136	112	224	32	32	32
12345	-52	136	112	224	32	32	32
12345	-51	144	112	224	32	32	32
12345	-50	144	112	224	32	32	32
12345	-49	152	112	224	32	32	32
12345	-48	152	112	224	32	32	32
12345	-47	160	112	224	32	32	32
12345	-46	160	112	224	32	32	32
12345	-45	168	112	224	32	32	32
12345	-44	168	112	224	32	32	32
12345	-43	168	112	224	32	32	32
12345	-42	176	112	224	32	32	32
12345	-41	176	112	224	32	32	32
12345	-40	184	112	224	32	32	32
12345	-39	184	112	224	32	32	32
12345	-38	192	112	224	32	32	32
12345	-37	192	112	224	32	32	32
12345	-36	200	112	224	32	32	32
12345	-35	200	112	224	32	32	32
12345	-34	208	112	224	32	32	32
12345	-33	208	112	224	32	32	32
12345	-32	216	112	224	32	32	32
12345	-31	216	112	224	32	32	32
12345	-30	224	112	224	32	32	32
12345	-29	224	112	216	32	32	32
12345	-28	224	112	216	32	32	32
12345	-27	224	112	208	32	32	32
12345	-26	224	112	208	32	32	32
12345	-25	224	112	200	32	32	32
12345	-24	224	112	200	32	32	32
12345	-23	224	112	192	32	32	32
12345	-22	224	112	192	32	32	32
12345	-21	224	112	184	32	32	32
12345	-20	224	112	184	32	32	32
12345	-19	224	112	176	32	32	32
12345	-18	224	112	176	32	32	32
12345	-17	224	112	168	32	32	32
12345	-16	224	112	168	32	32	32
12345	-15	224	112	168	32	32	32
12345	-14	224	112	160	32	32	32
12345	-13	224	112	160	32	32	32
12345	-12	224	112	152	32	32	32
12345	-11	224	112	152	32	32	32
12345	-10	224	112	144	32	32	32
12345	-9	224	112	144	32	32	32
12345	-8	224	112	136	32	32	32
12345	-7	224	112	136	32	32	32
12345	-6	224	112	128	32	32	32
12345	-5	224	112	128	32	32	32
12345	-4	224	112	120	32	32	32
12345	-3	224	112	120	32	32	32
12345	-2	224	112	112	32	32	32
12345	-1	224	112	112	32	32	32

Image	Hue (Setting value)	RGB = (R, G, B)					
		Background			Character		
		R	G	B	R	G	B
12345	0	224	112	112	32	32	32
12345	1	224	116	112	32	32	32
12345	2	224	116	112	32	32	32
12345	3	224	120	112	32	32	32
12345	4	224	124	112	32	32	32
12345	5	224	128	112	32	32	32
12345	6	224	132	112	32	32	32
12345	7	224	136	112	32	32	32
12345	8	224	140	112	32	32	32
12345	9	224	144	112	32	32	32
12345	10	224	148	112	32	32	32
12345	11	224	152	112	32	32	32
12345	12	224	156	112	32	32	32
12345	13	224	160	112	32	32	32
12345	14	224	164	112	32	32	32
12345	15	224	168	112	32	32	32
12345	16	224	172	112	32	32	32
12345	17	224	172	112	32	32	32
12345	18	224	176	112	32	32	32
12345	19	224	180	112	32	32	32
12345	20	224	184	112	32	32	32
12345	21	224	188	112	32	32	32
12345	22	224	192	112	32	32	32
12345	23	224	196	112	32	32	32
12345	24	224	200	112	32	32	32
12345	25	224	204	112	32	32	32
12345	26	224	208	112	32	32	32
12345	27	224	212	112	32	36	32
12345	28	224	216	112	32	36	32
12345	29	224	220	112	32	36	32
12345	30	224	224	112	32	36	32
12345	31	216	224	112	32	36	32
12345	32	216	224	112	32	36	32
12345	33	208	224	112	32	36	32
12345	34	208	224	112	32	36	32
12345	35	200	224	112	32	36	32
12345	36	200	224	112	32	36	32
12345	37	192	224	112	32	36	32
12345	38	192	224	112	32	36	32
12345	39	184	224	112	32	36	32
12345	40	184	224	112	32	36	32
12345	41	176	224	112	32	36	32
12345	42	176	224	112	32	36	32
12345	43	168	224	112	32	36	32
12345	44	168	224	112	32	36	32
12345	45	168	224	112	32	36	32
12345	46	160	224	112	32	36	32
12345	47	160	224	112	32	36	32
12345	48	152	224	112	32	36	32
12345	49	152	224	112	32	36	32
12345	50	144	224	112	32	36	32
12345	51	144	224	112	32	36	32
12345	52	136	224	112	32	36	32
12345	53	136	224	112	32	36	32
12345	54	128	224	112	32	36	32
12345	55	128	224	112	32	36	32
12345	56	120	224	112	32	36	32
12345	57	120	224	112	32	36	32
12345	58	112	224	112	32	36	32
12345	59	112	224	112	32	36	32
12345	60	112	224	112	32	36	32
12345	61	112	224	112	32	36	32
12345	62	112	224	112	32	36	32
12345	63	112	224	120	32	36	32
12345	64	112	224	120	32	36	32
12345	65	112	224	128	32	36	32
12345	66	112	224	128	32	36	32
12345	67	112	224	136	32	36	32
12345	68	112	224	136	32	36	32
12345	69	112	224	144	32	36	32
12345	70	112	224	144	32	36	32
12345	71	112	224	152	32	36	32
12345	72	112	224	152	32	36	32
12345	73	112	224	160	32	36	32
12345	74	112	224	160	32	36	32
12345	75	112	224	168	32	36	32
12345	76	112	224	168	32	36	32
12345	77	112	224	168	32	36	32
12345	78	112	224	176	32	36	32
12345	79	112	224	176	32	36	32
12345	80	112	224	184	32	36	32
12345	81	112	224	184	32	36	32
12345	82	112	224	192	32	36	32
12345	83	112	224	192	32	36	32
12345	84	112	224	200	32	36	32
12345	85	112	224	200	32	36	32
12345	86	112	224	208	32	36	32
12345	87	112	224	208	32	36	32
12345	88	112	224	216	32	36	32
12345	89	112	224	216	32	36	32

Table ⑦

- Color set to: Background
- Pattern 3 (Background of the remote controller: Normal)
(Character on the remote controller: White)

Image	Hue (Setting value)	RGB = (R, G, B)					
		Background			Character		
		R	G	B	R	G	B
12345	-90	24	192	192	168	172	168
12345	-89	24	184	192	168	172	168
12345	-88	24	180	192	168	172	168
12345	-87	24	172	192	168	172	168
12345	-86	24	168	192	168	168	168
12345	-85	24	164	192	168	168	168
12345	-84	24	156	192	168	168	168
12345	-83	24	152	192	168	168	168
12345	-82	24	144	192	168	168	168
12345	-81	24	140	192	168	168	168
12345	-80	24	136	192	168	168	168
12345	-79	24	128	192	168	168	168
12345	-78	24	124	192	168	168	168
12345	-77	24	116	192	168	168	168
12345	-76	24	112	192	168	168	168
12345	-75	24	108	192	168	168	168
12345	-74	24	100	192	168	168	168
12345	-73	24	96	192	168	168	168
12345	-72	24	88	192	168	168	168
12345	-71	24	84	192	168	168	168
12345	-70	24	80	192	168	168	168
12345	-69	24	72	192	168	168	168
12345	-68	24	68	192	168	168	168
12345	-67	24	60	192	168	168	168
12345	-66	24	56	192	168	168	168
12345	-65	24	52	192	168	168	168
12345	-64	24	44	192	168	168	168
12345	-63	24	40	192	168	168	168
12345	-62	24	32	192	168	168	168
12345	-61	24	28	192	168	168	168
12345	-60	24	24	192	168	168	168
12345	-59	24	24	192	168	168	168
12345	-58	32	24	192	168	168	168
12345	-57	40	24	192	168	168	168
12345	-56	40	24	192	168	168	168
12345	-55	48	24	192	168	168	168
12345	-54	56	24	192	168	168	168
12345	-53	56	24	192	168	168	168
12345	-52	64	24	192	168	168	168
12345	-51	72	24	192	168	168	168
12345	-50	80	24	192	168	168	168
12345	-49	80	24	192	168	168	168
12345	-48	88	24	192	168	168	168
12345	-47	96	24	192	168	168	168
12345	-46	96	24	192	168	168	168
12345	-45	104	24	192	168	168	168
12345	-44	112	24	192	168	168	168
12345	-43	112	24	192	168	168	168
12345	-42	120	24	192	168	168	168
12345	-41	128	24	192	168	168	168
12345	-40	136	24	192	168	168	168
12345	-39	136	24	192	168	168	168
12345	-38	144	24	192	168	168	168
12345	-37	152	24	192	168	168	168
12345	-36	152	24	192	168	168	168
12345	-35	160	24	192	168	168	168
12345	-34	168	24	192	168	168	168
12345	-33	168	24	192	168	168	168
12345	-32	176	24	192	168	168	168
12345	-31	184	24	192	168	168	168
12345	-30	192	24	192	168	168	168
12345	-29	192	24	184	168	168	168
12345	-28	192	24	176	168	168	168
12345	-27	192	24	168	168	168	168
12345	-26	192	24	168	168	168	168
12345	-25	192	24	160	168	168	168
12345	-24	192	24	152	168	168	168
12345	-23	192	24	152	168	168	168
12345	-22	192	24	144	168	168	168
12345	-21	192	24	136	168	168	168
12345	-20	192	24	136	168	168	168
12345	-19	192	24	128	168	168	168
12345	-18	192	24	120	168	168	168
12345	-17	192	24	112	168	168	168
12345	-16	192	24	112	168	168	168
12345	-15	192	24	104	168	168	168
12345	-14	192	24	96	168	168	168
12345	-13	192	24	96	168	168	168
12345	-12	192	24	88	168	168	168
12345	-11	192	24	80	168	168	168
12345	-10	192	24	80	168	168	168
12345	-9	192	24	72	168	168	168
12345	-8	192	24	64	168	168	168
12345	-7	192	24	56	168	168	168
12345	-6	192	24	56	168	168	168
12345	-5	192	24	48	168	168	168
12345	-4	192	24	40	168	168	168
12345	-3	192	24	40	168	168	168
12345	-2	192	24	32	168	168	168
12345	-1	192	24	24	168	168	168

Image	Hue (Setting value)	RGB = (R, G, B)					
		Background			Character		
		R	G	B	R	G	B
12345	0	192	24	24	168	168	168
12345	1	192	28	24	168	168	168
12345	2	192	32	24	168	168	168
12345	3	192	40	24	168	168	168
12345	4	192	44	24	168	168	168
12345	5	192	52	24	168	168	168
12345	6	192	56	24	168	168	168
12345	7	192	60	24	168	168	168
12345	8	192	68	24	168	168	168
12345	9	192	72	24	168	168	168
12345	10	192	80	24	168	168	168
12345	11	192	84	24	168	168	168
12345	12	192	88	24	168	168	168
12345	13	192	96	24	168	168	168
12345	14	192	100	24	168	168	168
12345	15	192	108	24	168	168	168
12345	16	192	112	24	168	168	168
12345	17	192	116	24	168	168	168
12345	18	192	124	24	168	168	168
12345	19	192	128	24	168	168	168
12345	20	192	136	24	168	168	168
12345	21	192	140	24	168	168	168
12345	22	192	144	24	168	168	168
12345	23	192	152	24	168	168	168
12345	24	192	156	24	168	168	168
12345	25	192	164	24	168	168	168
12345	26	192	168	24	168	168	168
12345	27	192	172	24	168	172	168
12345	28	192	180	24	168	172	168
12345	29	192	184	24	168	172	168
12345	30	192	192	24	168	172	168
12345	31	184	192	24	168	172	168
12345	32	176	192	24	168	172	168
12345	33	168	192	24	168	172	168
12345	34	168	192	24	168	172	168
12345	35	160	192	24	168	172	168
12345	36	152	192	24	168	172	168
12345	37	152	192	24	168	172	168
12345	38	144	192	24	168	172	168
12345	39	136	192	24	168	172	168
12345	40	136	192	24	168	172	168
12345	41	128	192	24	168	172	168
12345	42	120	192	24	168	172	168
12345	43	112	192	24	168	172	168
12345	44	112	192	24	168	172	168
12345	45	104	192	24	168	172	168
12345	46	96	192	24	168	172	168
12345	47	96	192	24	168	172	168
12345	48	88	192	24	168	172	168
12345	49	80	192	24	168	172	168
12345	50	80	192	24	168	172	168
12345	51	72	192	24	168	172	168
12345	52	64	192	24	168	172	168
12345	53	56	192	24	168	172	168
12345	54	56	192	24	168	172	168
12345	55	48	192	24	168	172	168
12345	56	40	192	24	168	172	168
12345	57	40	192	24	168	172	168
12345	58	32	192	24	168	172	168
12345	59	24	192	24	168	172	168
12345	60	24	192	24	168	172	168
12345	61	24	192	24	168	172	168
12345	62	24	192	32	168	172	168
12345	63	24	192	40	168	172	168
12345	64	24	192	40	168	172	168
12345	65	24	192	48	168	172	168
12345	66	24	192	56	168	172	168
12345	67	24	192	56	168	172	168
12345	68	24	192	64	168	172	168
12345	69	24	192	72	168	172	168
12345	70	24	192	80	168	172	168
12345	71	24	192	80	168	172	168
12345	72	24	192	88	168	172	168
12345	73	24	192	96	168	172	168
12345	74	24	192	96	168	172	168
12345	75	24	192	104	168	172	168
12345	76	24	192	112	168	172	168
12345	77	24	192	112	168	172	168
12345	78	24	192	120	168	172	168
12345	79	24	192	128	168	172	168
12345	80	24	192	136	168	172	168
12345	81	24	192	136	168	172	168
12345	82	24	192	144	168	172	168
12345	83	24	192	152	168	172	168
12345	84	24	192	152	168	172	168
12345	85	24	192	160	168	172	168
12345	86	24	192	168	168	172	168
12345	87	24	192	168	168	172	168
12345	88	24	192	176	168	172	168
12345	89	24	192	184	168	172	168

Table ⑧

- Color set to: Background
- Pattern 4 (Background of the remote controller: Dark)
(Character on the remote controller: White)

Image	Hue (Setting value)	RGB = (R, G, B)					
		Background			Character		
		R	G	B	R	G	B
12345	-90	16	104	104	176	176	176
12345	-89	16	100	104	176	176	176
12345	-88	16	96	104	176	176	176
12345	-87	16	92	104	176	176	176
12345	-86	16	92	104	176	176	176
12345	-85	16	88	104	176	176	176
12345	-84	16	84	104	176	176	176
12345	-83	16	80	104	176	176	176
12345	-82	16	80	104	176	176	176
12345	-81	16	76	104	176	176	176
12345	-80	16	72	104	176	176	176
12345	-79	16	72	104	176	176	176
12345	-78	16	68	104	176	176	176
12345	-77	16	64	104	176	176	176
12345	-76	16	60	104	176	176	176
12345	-75	16	60	104	176	176	176
12345	-74	16	56	104	176	176	176
12345	-73	16	52	104	176	176	176
12345	-72	16	48	104	176	176	176
12345	-71	16	48	104	176	176	176
12345	-70	16	44	104	176	176	176
12345	-69	16	40	104	176	176	176
12345	-68	16	36	104	176	176	176
12345	-67	16	36	104	176	176	176
12345	-66	16	32	104	176	176	176
12345	-65	16	28	104	176	176	176
12345	-64	16	28	104	176	176	176
12345	-63	16	24	104	176	176	176
12345	-62	16	20	104	176	176	176
12345	-61	16	16	104	176	176	176
12345	-60	16	16	104	176	176	176
12345	-59	16	16	104	176	176	176
12345	-58	16	16	104	176	176	176
12345	-57	24	16	104	176	176	176
12345	-56	24	16	104	176	176	176
12345	-55	24	16	104	176	176	176
12345	-54	32	16	104	176	176	176
12345	-53	32	16	104	176	176	176
12345	-52	32	16	104	176	176	176
12345	-51	40	16	104	176	176	176
12345	-50	40	16	104	176	176	176
12345	-49	48	16	104	176	176	176
12345	-48	48	16	104	176	176	176
12345	-47	48	16	104	176	176	176
12345	-46	56	16	104	176	176	176
12345	-45	56	16	104	176	176	176
12345	-44	56	16	104	176	176	176
12345	-43	64	16	104	176	176	176
12345	-42	64	16	104	176	176	176
12345	-41	72	16	104	176	176	176
12345	-40	72	16	104	176	176	176
12345	-39	72	16	104	176	176	176
12345	-38	80	16	104	176	176	176
12345	-37	80	16	104	176	176	176
12345	-36	80	16	104	176	176	176
12345	-35	88	16	104	176	176	176
12345	-34	88	16	104	176	176	176
12345	-33	88	16	104	176	176	176
12345	-32	96	16	104	176	176	176
12345	-31	96	16	104	176	176	176
12345	-30	104	16	104	176	176	176
12345	-29	104	16	96	176	176	176
12345	-28	104	16	96	176	176	176
12345	-27	104	16	88	176	176	176
12345	-26	104	16	88	176	176	176
12345	-25	104	16	88	176	176	176
12345	-24	104	16	80	176	176	176
12345	-23	104	16	80	176	176	176
12345	-22	104	16	80	176	176	176
12345	-21	104	16	72	176	176	176
12345	-20	104	16	72	176	176	176
12345	-19	104	16	72	176	176	176
12345	-18	104	16	64	176	176	176
12345	-17	104	16	64	176	176	176
12345	-16	104	16	56	176	176	176
12345	-15	104	16	56	176	176	176
12345	-14	104	16	56	176	176	176
12345	-13	104	16	48	176	176	176
12345	-12	104	16	48	176	176	176
12345	-11	104	16	48	176	176	176
12345	-10	104	16	40	176	176	176
12345	-9	104	16	40	176	176	176
12345	-8	104	16	32	176	176	176
12345	-7	104	16	32	176	176	176
12345	-6	104	16	32	176	176	176
12345	-5	104	16	24	176	176	176
12345	-4	104	16	24	176	176	176
12345	-3	104	16	24	176	176	176
12345	-2	104	16	16	176	176	176
12345	-1	104	16	16	176	176	176

Image	Hue (Setting value)	RGB = (R, G, B)					
		Background			Character		
		R	G	B	R	G	B
12345	0	104	16	16	176	176	176
12345	1	104	16	16	176	176	176
12345	2	104	20	16	176	176	176
12345	3	104	24	16	176	176	176
12345	4	104	28	16	176	176	176
12345	5	104	28	16	176	176	176
12345	6	104	32	16	176	176	176
12345	7	104	36	16	176	176	176
12345	8	104	36	16	176	176	176
12345	9	104	40	16	176	176	176
12345	10	104	44	16	176	176	176
12345	11	104	48	16	176	176	176
12345	12	104	48	16	176	176	176
12345	13	104	52	16	176	176	176
12345	14	104	56	16	176	176	176
12345	15	104	60	16	176	176	176
12345	16	104	60	16	176	176	176
12345	17	104	64	16	176	176	176
12345	18	104	68	16	176	176	176
12345	19	104	72	16	176	176	176
12345	20	104	72	16	176	176	176
12345	21	104	76	16	176	176	176
12345	22	104	80	16	176	176	176
12345	23	104	80	16	176	176	176
12345	24	104	84	16	176	176	176
12345	25	104	88	16	176	176	176
12345	26	104	92	16	176	176	176
12345	27	104	92	16	176	176	176
12345	28	104	96	16	176	176	176
12345	29	104	100	16	176	176	176
12345	30	104	104	16	176	176	176
12345	31	96	104	16	176	176	176
12345	32	96	104	16	176	176	176
12345	33	88	104	16	176	176	176
12345	34	88	104	16	176	176	176
12345	35	88	104	16	176	176	176
12345	36	80	104	16	176	176	176
12345	37	80	104	16	176	176	176
12345	38	80	104	16	176	176	176
12345	39	72	104	16	176	176	176
12345	40	72	104	16	176	176	176
12345	41	72	104	16	176	176	176
12345	42	64	104	16	176	176	176
12345	43	64	104	16	176	176	176
12345	44	56	104	16	176	176	176
12345	45	56	104	16	176	176	176
12345	46	56	104	16	176	176	176
12345	47	48	104	16	176	176	176
12345	48	48	104	16	176	176	176
12345	49	48	104	16	176	176	176
12345	50	40	104	16	176	176	176
12345	51	40	104	16	176	176	176
12345	52	32	104	16	176	176	176
12345	53	32	104	16	176	176	176
12345	54	32	104	16	176	176	176
12345	55	24	104	16	176	176	176
12345	56	24	104	16	176	176	176
12345	57	24	104	16	176	176	176
12345	58	16	104	16	176	176	176
12345	59	16	104	16	176	176	176
12345	60	16	104	16	176	176	176
12345	61	16	104	16	176	176	176
12345	62	16	104	16	176	176	176
12345	63	16	104	24	176	176	176
12345	64	16	104	24	176	176	176
12345	65	16	104	24	176	176	176
12345	66	16	104	32	176	176	176
12345	67	16	104	32	176	176	176
12345	68	16	104	32	176	176	176
12345	69	16	104	40	176	176	176
12345	70	16	104	40	176	176	176
12345	71	16	104	48	176	176	176
12345	72	16	104	48	176	176	176
12345	73	16	104	48	176	176	176
12345	74	16	104	56	176	176	176
12345	75	16	104	56	176	176	176
12345	76	16	104	56	176	176	176
12345	77	16	104	64	176	176	176
12345	78	16	104	64	176	176	176
12345	79	16	104	72	176	176	176
12345	80	16	104	72	176	176	176
12345	81	16	104	72	176	176	176
12345	82	16	104	80	176	176	176
12345	83	16	104	80	176	176	176
12345	84	16	104	80	176	176	176
12345	85	16	104	88	176	176	176
12345	86	16	104	88	176	176	176
12345	87	16	104	88	176	176	176
12345	88	16	104	96	176	176	176
12345	89	16	104	96	176	176	176

6. Trademarks

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