TOSHIBA

Central remote controller

Model Name

TCB-SC643TLE

Contents

1 Safety Precautions

- Carefully read these "Safety Precautions" before installation, and perform installation work safely.
- These precautions contain important information regarding safety.
- After installation work, carry out an operation trial to confirm that there are no problems, and explain to the customer how to operate and maintain the system. Ask the customer to keep this Installation Manual.

Display Description		Symbol Description	
⚠**WARNING**	This indicates that failure to adhere to the directions in the warning could result in serious bodily harm (*1) or loss of life if the product is handled improperly.	🚫	🚫indicates prohibited actions. The actual contents of the prohibition are indicated by a picture or text placed inside or next to the symbol.
⚠**CAUTION**	This indicates that failure to adhere to the directions in the caution could result in serious bodily injury (*2) or damage to property (*3) if the product is handled improperly.	⚫	⚫indicates instructions which must be followed. The actual contents of the instructions are indicated by a picture or text placed inside or next to the symbol.

* 1: Serious injury refers to lasting after effects such as blindness, injury, burns (high temperature / low temperature), electric shock, bone fracture, or poisoning, etc. and injuries that require hospitalization/long-term outpatient treatment.
* 2: Minor injury refers to injuries, burns, or electric shocks, etc. that do not require hospitalization or long-term outpatient treatment.
* 3: Damage to property refers to extended damage related to houses, household goods, livestock, or pets, etc.
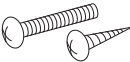
⚠ WARNING

🚫 Prohibited	**Do not modify the unit** Doing so may result in excessive heat or fire.	⚫ Instructions	**Installation and reinstallation should be performed by your vendor or a qualified electrician** Attempting to carry out installation work on your own, and doing so incorrectly, may result in electric shock or fire.
⚫ Instructions	**Electrical work must be performed by a qualified electrician in accordance with the "Engineering Standard for Electric Work", the "Internal Wiring Regulations", and this Installation Manual** Inappropriate work may result in electric shock or fire.	⚫ Instructions	**Be sure to turn off the power before starting work** Otherwise, there is a risk of exposure to electric shock.
⚫ Instructions	**Always connect to ground** Improper grounding may result in an electric shock. Before connecting the power, carry out Class D grounding according to the "Engineering Standard for Electric Work" and the "Internal Wiring Regulations".		

⚠ CAUTION

🚫 Prohibited	**Do not install this kit where flammable gas may leak.** If gas leaks and accumulates around the kit, it may cause a fire.	⚫ Instructions	**In installation work, use wiring with the correct ampacity** Failure to do so may result in excessive heat or fire.
⚫ Instructions	**Use specified cables and connect them securely, and do not subject connecting terminals to external force** Doing so may result in broken cables, excessive heat or fire.	⚫ Instructions	This product is not suitable for use in places where children are likely to be present.

2 Included Items

Component name	Form	Q'ty	Remark
Central remote controller		1	Main unit
Manual		1	Operation Manual
		1	Installation Manual
CD-R		1	Included only for TCB-SC643TLE
Fastening screw		4	M4×20
		4	M3.8×16 (wood screw)

3 Outline drawing
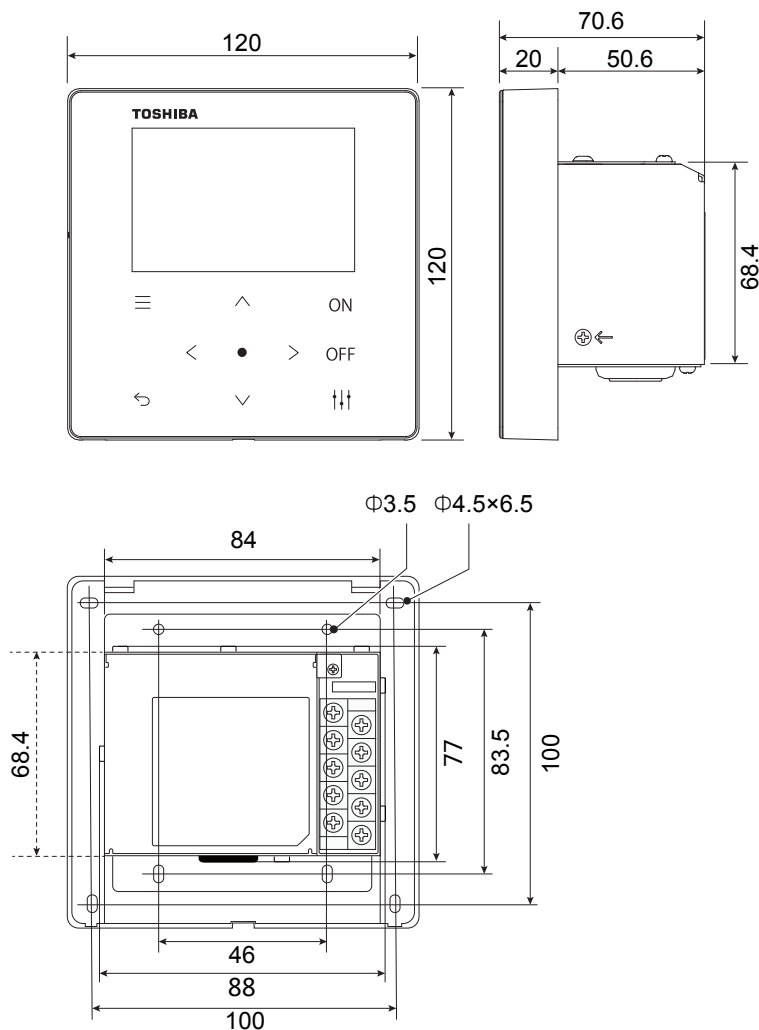
4 How to perform wiring

⚠ CAUTION

- Turn off the power of the air conditioner for safety during installation and removal.
- Connect the power wiring to 220-240 VAC. If you wire the product incorrectly, it will fail.
- Connect the wiring correctly. If you wire the product incorrectly, it will fail.
- Do not wire communication lines (outdoor/indoor transition wiring, central control line wiring) or input/output wiring next to power supply wiring, etc., or house them in the same metal pipe. Doing so may result in failure.
- Connect the communication line to the outdoor/indoor transition wiring or central control line wiring.
- Do not pass the communication line inside the same conduit as the power supply wiring (220 VAC, etc.), wire with the same cable, or bring the wiring close to each other.
- For the communication line, use a signal wire that makes it possible to understand the difference between the remote controller wiring and the power supply wiring.
- Be sure to install a breaker or an all-pole isolating switch on the primary side of the equipment side power supply of TCC-LINK and digital input/output.

■ Wiring specifications

Use the following wiring material to connect signal wires and power supply wires. (Locally procured)

No.	Wiring	Wire type / wire diameter / wire length
1	For TCC-LINK	Microphone cord (shielded) (two-core) for instrumentation
		1.25 mm^2, up to 1000 m
		2.00 mm^2, up to 2000 m (total extension distance)
2	For power supply	H07 RN-F or 245IEC66 0.75 mm^2, up to 50 m
3	For digital I/O	2-core cable 0.3 mm^2, up to 100 m

● NOTE

- TCC-LINK does not have polarity.
- Connect the shield of the TCC-LINK communication line to the earth on the air conditioner side. (One point earth)

■ About stripping length

Power supply wire stripping length
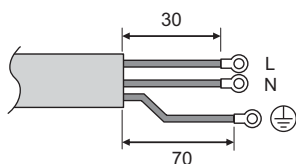
Attach a round crimp terminal to each wire of the power supply wire.

Round crimp terminal / Power supply wire
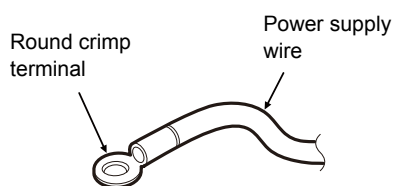
Signal wire (TCC-LINK) stripping length
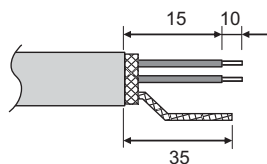
About the shield grounding process

Shield of TCC-LINK communication line
When using a single Central remote controller, open the shield of the TCC-LINK communication line and perform insulation processing.
When using multiple Central remote controller, connect the shield of the TCC-LINK communication line to the closed end, open the shield at the final end of the Central remote controller and perform insulation processing.
Perform TCC-LINK communication line shield grounding on the air conditioner side.

Digital I/O cable stripping length
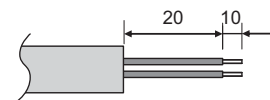
About terminator resistor setting

TCC-LINK terminator resistor setting
Set on the air conditioner side. The TCC-LINK terminator resistor is not set in the Central remote controller. Leave "open".

Connect the power supply wire to the ground wire

(1) **Remove the 3 screws pointed to by arrows and open the cover**
(2) **Insert cross notches in the rubber bushing in order to pass the power supply cable**
(3) **Pass the power supply cable through the rubber bushing and the clamp, and connect the power supply wire and the ground wire to the specified terminal block**
(4) **Close the power supply cover and secure with 3 screws**

Cover fixing screw

Screws indicated by arrows

Rear side terminal block

Cover fixing screw

Power supply cover

Power terminal
(Remove the transparent cover at installation and return it to its original position after connecting)

Power supply wire

Clamp

Ground wire

Ground terminal

Rubber bushing

(5)

(18)
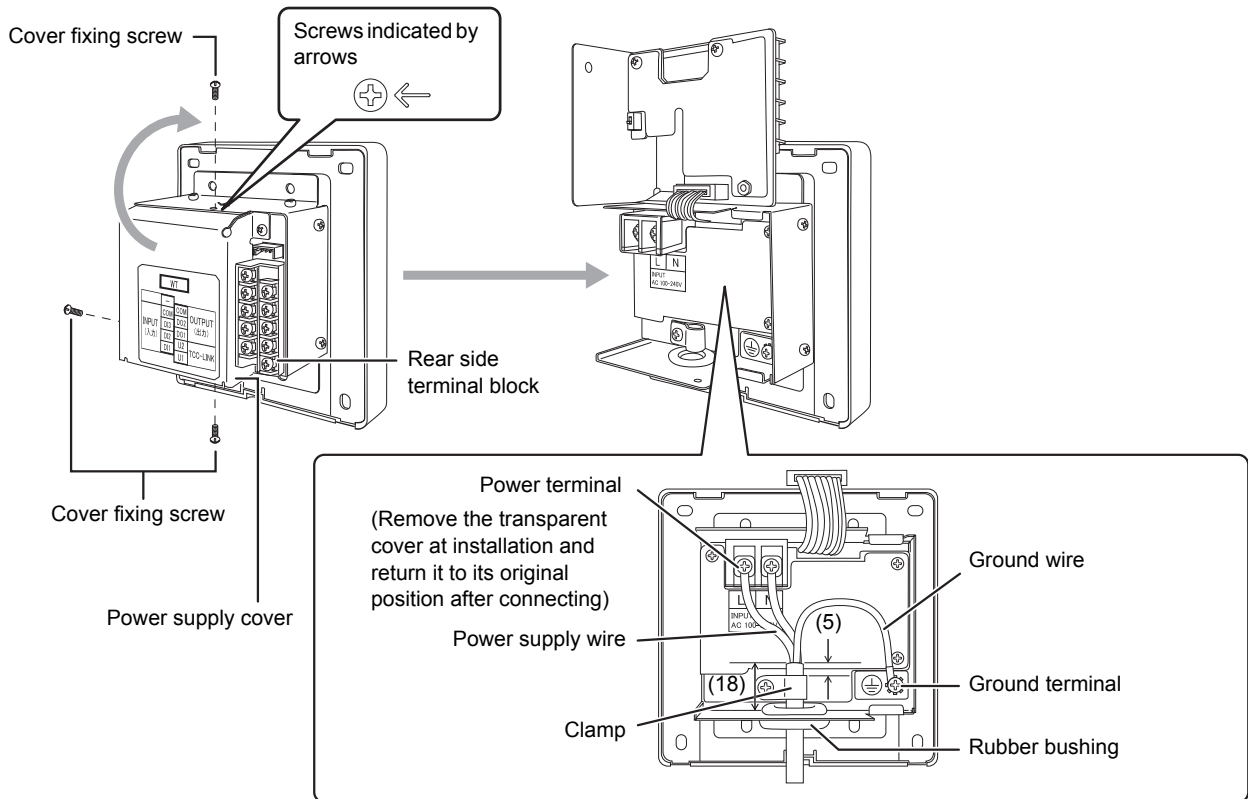
Connect the signal wires

(1) **Connect the TCC-LINK signal wire (U1/U2) to the terminal block**
When connecting with an optional weekly timer, connect it to the WT connector.

WT

Weekly Timer
(sold separately)

—	COM
COM	DO2
DI3	DO1
DI2	U1
DI1	U2

L N

Securely fix the cable with a clamp.

TCC-LINK main bus

Power supply: 220-240 VAC

Outdoor unit

Indoor unit

Remote controller
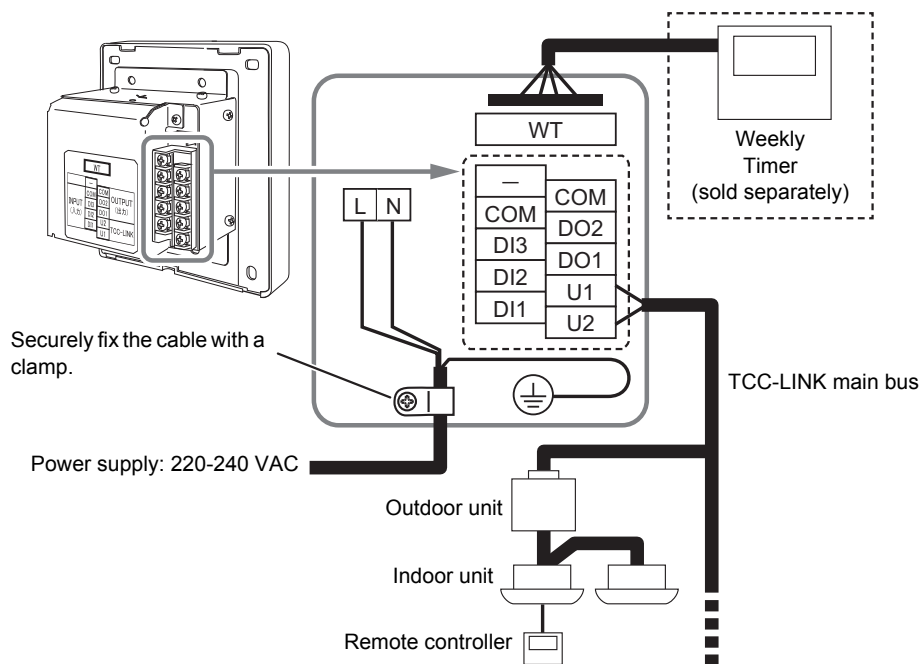
(2) Connect to external equipment (digital I/O signal wire)
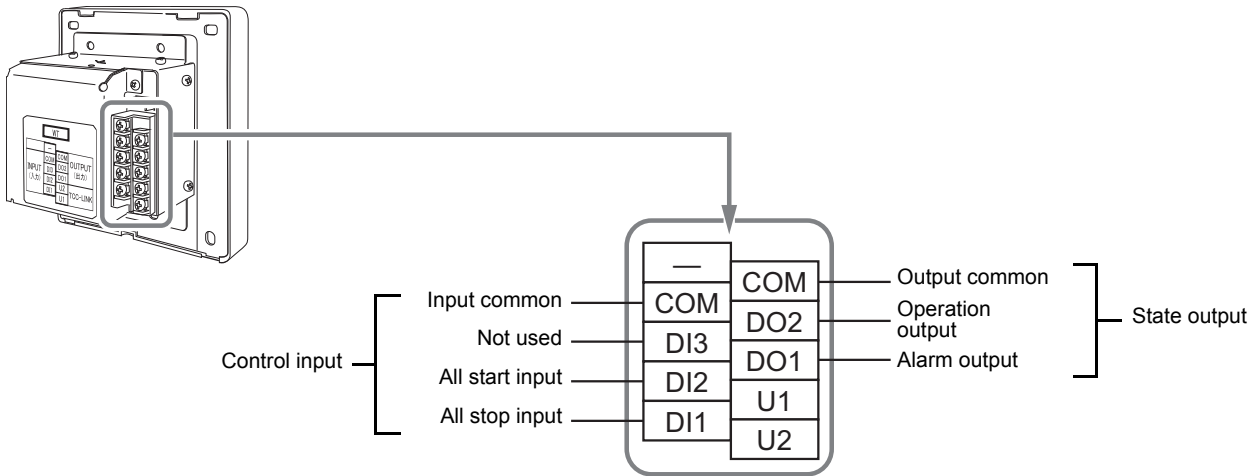
■ Connection to external equipment

Name	I/O Item	This unit side			Equipment side	
		I/O conditions	Circuit	Terminal name	Circuit example	I/O conditions
Digital I/O terminal	State output	Alarm output Operation output No-voltage contact A Static Contact permissible voltage/current 24 VDC/35 mA	Alarm / Run / Output common	Alarm Run Output common	Digital Input	
	Control input	All stop input All start input No-voltage contact A Pulse or static No-voltage contact compatible with very small current must be selected 5 VDC/3 mA	5 V / 5 V / COM	All stop (+) All start (+) Input common (-)	(Pulse or static) (Pulse or static)	Pulse width: 300 ms or more

* Wire the cables so that the user does not touch the power supply directly.

* On the equipment side, use a basically insulated power circuit and place it in a location where the user cannot touch it.

● **NOTE**

• Do not connect the device directly to the primary side of the power supply.
 Be sure to install a circuit breaker or all-pole isolating switch (with a contact breaking distance of at least 3 mm) on the primary side of the power supply.

• Fasten the screws to the terminal with torque of 0.5 N•m.

5 How to install

⚠ CAUTION

- Do not wire communication lines (outdoor/indoor transition wiring, central control line wiring) or input/output wiring next to power supply wiring, etc., or house them in the same metal pipe. Doing so may result in failure.
- Install the Central remote controller away from noise sources.
- If noise is induced in the unit power supply, measures such as attaching a noise filter are necessary.

(1) Remove one operating part panel fixing screw and open the operating part panel
(2) Attach the lower case to the JIS box embedded in the wall in advance with the four included fixing screws
(3) Close the operating part panel and attach it with one operation panel fixing screw

Included fixing screws

JIS box
• JISC8340
Switch box for two pieces
(With cover)

Lower case

Operation panel fixing screw

Included fixing screws

Operation panel
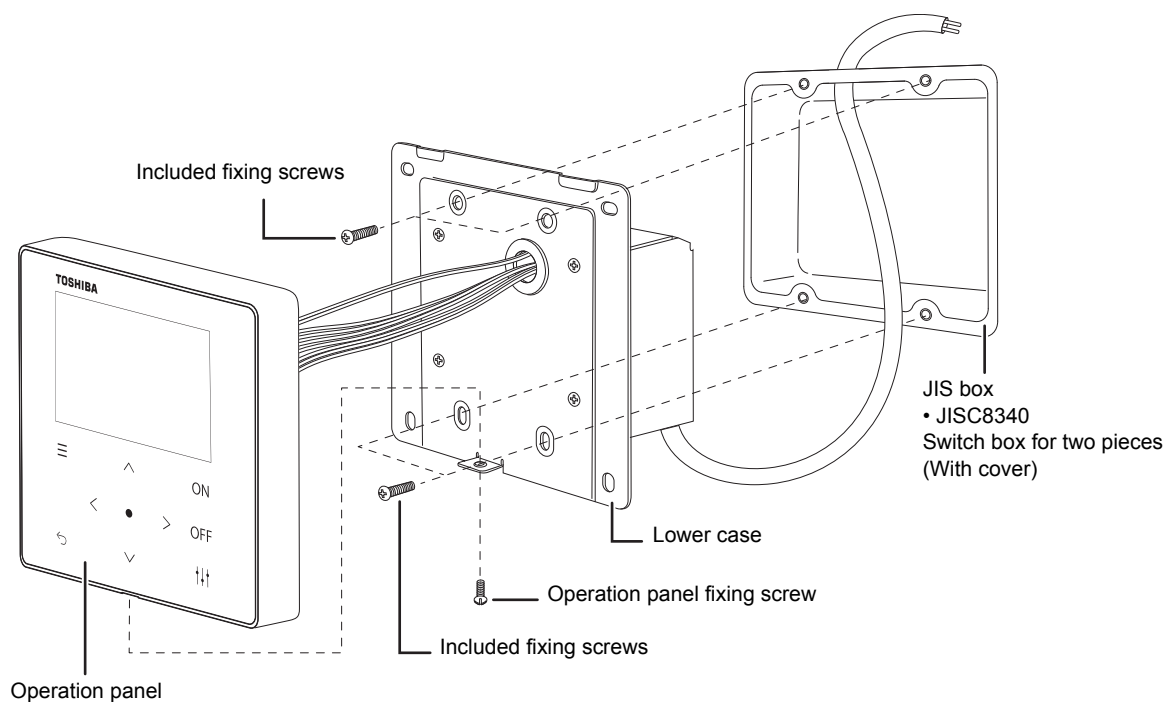
● NOTE

When attaching to a metal lath, wire lath or metal board wooden structure, attach it to the control panel, etc. without attaching it to the wall.
Do not install in the following locations.
- Locations with high humidity or water
- Dusty locations
- Locations in direct sunlight and locations subject to high temperatures
- Locations within 1 m from televisions or radios
- Outdoors, under awnings, or other locations exposed to rain and dew

6 Centralized controller test run

• Before use, please follow the procedure below to configure the settings.
This makes it possible to monitor and operate air conditioners with the Unit.

"All" screen example
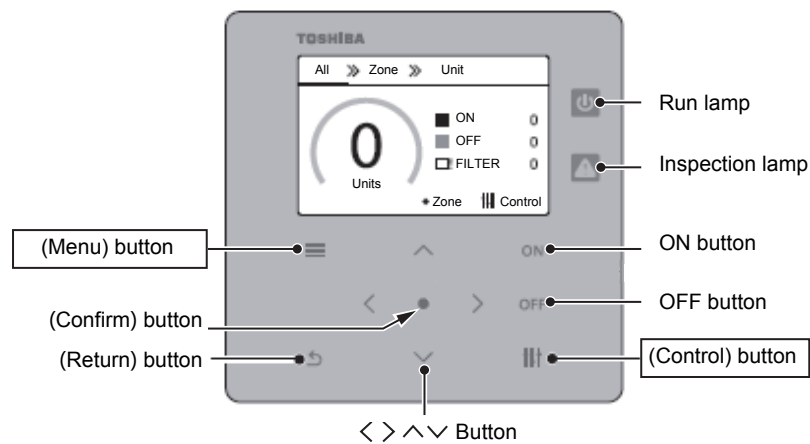
1 Turn on the power of all air conditioners

• Indoor unit, outdoor unit, air to air heat exchanger, general-purpose equipment control interface, etc.

2 Turn on the power of the centralized controller

• It is necessary to allocate a central control address to the indoor units to be controlled.

<Preparation for central control address setting>

• A centralized controller or a wired remote controller is required to set the central control address.
• Configure the central control address setting after completing the air conditioner test run.
* When configuring various settings with the centralized controller, it is necessary to first complete initial communication with all connected indoor/outdoor units. Perform the setting work at least 10 minutes after turning on the power.

● **NOTE**

If you configure the central control address setting before initial communication is fully completed, units with no set address will be generated.

• Connect the U1 and U2 terminals in the outdoor unit (center unit) and the relay connectors of the U3 and U4 terminals.
• Leave only one SW30 - 2 (terminator resistor) in the outdoor unit (center unit) interface board ON, and turn OFF all others. (For the position of SW30, refer to the wiring diagram attached to the outdoor unit.)

3 Register an indoor unit in the Unit

On the "All" screen, press the [≡] button and the [↑↓↑] button at the same time for 4 seconds or more to enter "Servicing Menu (P.14-(1))".
Perform "Obtain Address (P.16-3-(1) to (3))" of "Address Settings". After performing "Obtain Address (P.16-3-(3))", check whether there are any mistakes in the displayed number of connected units, the line address-indoor address, or the central control address (*1) and then perform "Obtain Address (P.16-3-(6))".

*1   If there is a mistake
  • Check the power supply and wiring.
  • To change the address, use the remote controller or the Unit (P.16-3-(4) to (5)).
  • Redo the settings in this section (3.Register an indoor unit in the Unit) from the beginning.

Example of the Obtain Address screen

Line address   Indoor address
          Central control address

	Address Settings		● Confirm		
01-00	9	01-02	2	01-03	3
02-01	4	02-02	5	02-03	6
02-04	7	03-01	8	03-02	9
03-03	10	03-04	11	03-05	12
04-01	13	04-02	14	04-03	15

4 Allocate the indoor units registered in 3 to up to 10 zones

Perform "Zone Settings (P.15-2-(2) to (4))" of "Servicing Menu".
Return to the "All" screen and check whether the displayed number of units matches the number of units that were registered to the zones (*2).

*2   Indoor units that have not been registered to a zone are not included in the number of units on the "All" screen.

Example of the Zone Settings screen

Zone No.

	Zone Settings		● Confirm		
01-01	1	01-02	1	01-03	1
02-01	1	02-02	1	02-03	1
02-04	1	03-01	1	03-02	1
03-03	1	03-04	1	03-05	1
04-01	1	04-02	1	04-03	1

5 Operation confirmation

Confirm that the indoor units operate from the centralized controller.
Also, check whether the operation of the local remote control is reflected in the centralized controller.

This completes the test run of the controller.
For other detailed settings, please refer to "Settings Menu (P.10)" as necessary.

7 Various setting methods

There are settings for "Settings Menu (P.10)" and "Servicing Menu (P.14)".

■ Setting menu items

Setting items		Description	Reference page
(1)Zone Name Settings		Register the names of zones 1 to 10.	10
Screen Display Settings	(2)Language	Set language of screen display.	11
	(3)Screen Contrast	Adjust the contrast (density) of the LCD.	11
	(4)Backlight	Set the LCD backlight to ON/OFF for 15 seconds (or 30 seconds).	11
Button Settings	(5)Button Sound Settings	Sets whether to make a sound or not on button operation.	11
	(6)Button Long Press Settings	Sets whether to ON/OFF long press operation. When it is set to activated, you can also set the long press time (1 second / 5 seconds).	12
	(7)Sensitivity Adjustment	Adjust the sensitivity of the buttons.	12
Alarm history	(8)Alarm history	Displays past 300 check code history (check code/unit/centralized address).	12
	(9)Service information	Display contact information.	13
(10)Admin. Password Settings		Sets the administrator password.	13

Settings Menu

■ How to display the setting menu screen

(1) On the "All" screen, press [≡] (Menu)

The "Settings Menu" screen appears.
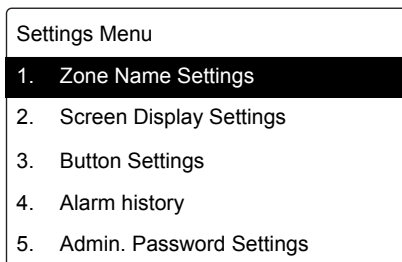
```
Settings Menu
1.   Zone Name Settings
2.   Screen Display Settings
3.   Button Settings
4.   Alarm history
5.   Admin. Password Settings
```

• Press [↩] (Return) to return to the "All" screen.

(2) Press [∧] and [∨] to select the item, then press [●] (Confirm)

The settings screen of the selected item appears.
Refer to "How to display each setting screen (P.10)".

• Press [↩] (Return) to return to the "Settings Menu" screen.

■ How to display each setting screen

"Zone Name Settings" screen

Operation: "1. Zone Name Settings" → [●] (Confirm)

"Screen Display Settings" screen

Operation: "2. Screen Display Settings"→ [●] (Confirm)

"Button Settings" screen

Operation: "3. Button Settings"→ [●] (Confirm)

"Alarm history" screen

Operation: "4. Alarm history"→ [●] (Confirm)

"Admin. Password Entry" screen

Operation: "5. Admin. Password Settings"→[●] (Confirm)

1 Zone Name Settings

(1) The "Admin. Password Entry" screen appears

```
Admin. Password Entry

     0    0    0    0
```
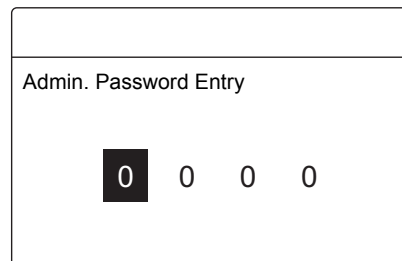
(2) Enter the password with [<] [∧] [∨] [>], then press [●] (Confirm)

(3) Display the "Zone Name Settings" screen

```
Zone Name Settings
  ZONE — A        ZONE — F
  ZONE — B        ZONE — G
  ZONE — C        ZONE — H
  ZONE — D        ZONE — I
  ZONE — E        ZONE — J
```
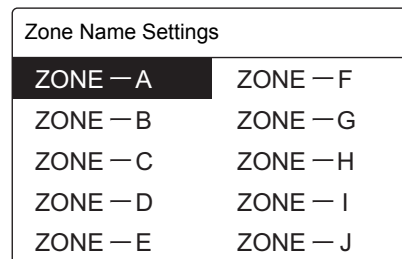
(4) Press [<] [∧] [∨] [>] to select a Zone to change, then press [●] (Confirm)

The "Select character" screen appears.

```
ZONE-A

ABCDE   abcde   12345      ┌─────┐
FGHIJ   fghij   67890      │ Del │
KLMNO   klmno   -+!?       └─────┘
PQRST   pqrst   .# ()
UVWXY   uvwxy
Z       z
              Fix
```

- Delete the displayed default name before entering the characters.

(5) Press [<] [∧] [∨] [>] to select a character, then press [●] (Confirm)

The selected characters are displayed at the top of the screen.
Example: When "A" is selected

```
Ⓐ

ABCDE   abcde   12345      ┌─────┐
FGHIJ   fghij   67890      │ Del │
KLMNO   klmno   -+!?       └─────┘
PQRST   pqrst   .# ()
UVWXY   uvwxy
Z       z
              Fix
```

(6) Press [<] [∧] [∨] [>] to select the next character, then press [●] (Confirm)

(7) Repeat step (5) and step (6) to set the zone name

```
ABCDE

ABCDE   abcde   12345      ┌─────┐
FGHIJ   fghij   67890      │ Del │
KLMNO   klmno   -+!?       └─────┘
PQRST   pqrst   .# ()
UVWXY   uvwxy
Z       z
              Fix
```

- With the characters set, highlight [Del] and press [●] (Confirm) to delete the last character.

(8) Press [∧] and [∨] to select [Fix], then press [●] (Confirm)

The display returns to the "Zone Name Settings" screen and the Zone name will be changed to the one you set.

2 Language

(1) Display the "Screen Display Settings" screen
(2) Press [∧] and [∨] to select "1. Language", then press [●] (Confirm)

The "Language" screen appears.

- "●" indicates the currently set item.

(3) Press [∧] and [∨] to select the language, then press [●] (Confirm)

The selected language is set.

- Press [�] (Return) to return to the "Screen Display Settings" selection screen.

3 Screen Contrast

(1) Display the "Screen Display Settings" screen
(2) Press [∧] and [∨] to select "2. Screen Contrast", then press [●] (Confirm)

The "Screen Contrast" screen appears.

(3) Move ▲ with [<] and [>], adjust the contrast, then press [●] (Confirm)

The adjusted contrast is set.

- Press [↺] (Return) to return to the "Screen Display Settings" selection screen.

4 Backlight

(1) Display the "Screen Display Settings" screen
(2) Press [∧] and [∨] to select "3. Backlight", then press [●] (Confirm)

The "Backlight" screen appears.

- "●" indicates the currently set item.

(3) Press [∧] and [∨] to select the lighting time of the backlight, then press [●] (Confirm)

The selected backlight lighting time is set.

- Press [↺] (Return) to return to the "Screen Display Settings" selection screen.

5 Button Sound Settings

(1) Display the "Button Settings" screen
(2) Press [∧] and [∨] to select "1. Button Sound Settings", then press [●] (Confirm)

The "Button Sound Settings" screen appears.

- "●" indicates the currently set item.

(3) Press [∧] and [∨] to select "ON (sound)" or "OFF (do not sound)", then press [●] (Confirm)

The selected item is set and the display returns to the "Screen Display Settings" screen.

- Press [↺] (Return) to return to the "Button Settings" screen.

6 Button Long Press Settings

Example: ON button long press settings

(1) Display the "Button Settings" screen

(2) Press [∧] and [∨] to select "2. Button Long Press Settings", then press [⬤] (Confirm)

The "Button Long Press Settings" screen appears.
- Characters within "< >" indicate items currently set.

(3) Press [∧] and [∨] to select "1. ON butt. long press", then press [⬤] (Confirm)

The "ON butt. long press" screen appears.
- Characters within "< >" indicate items currently set.
- For the OFF button, select "2. OFF butt. long press", and for the ENTER button, select "3. Enter long press".

(4) Press [∧] and [∨] to select "1. Long press settings", then press [⬤] (Confirm)

The "ON/OFF" screen appears.

- "⬤" indicates the currently set item.

(5) Use [∧] and [∨] to select "ON" or "OFF" then press [⬤] (Confirm)

The selected item is set.

- Press [↩] (Return) to return to the "ON butt. long press" screen.

■ When set to "ON"

If set to "ON", continue to set the time.

(6) Press [∧] and [∨] to select "2. Long press time", then press [⬤] (Confirm)

The "ON long press time" screen appears.

```
┌─────────────────────────────────┐
│ ON long press time              │
│ ┌─────────────────────────────┐ │
│ │ <        4 second(s)      > │ │
│ └─────────────────────────────┘ │
│                                 │
│                                 │
│                                 │
└─────────────────────────────────┘
```
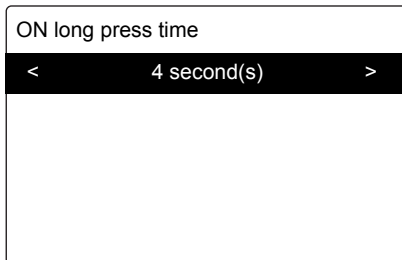
(7) Press [<] and [>] to select the number of seconds (1 to 5 seconds), then press [⬤] (Confirm)

The long push time of the ON button is set to the selected number of seconds.

- Press [↩] (Return) to return to the "ON butt. long press" screen.

7 Sensitivity Adjustment

(1) Display the "Button Settings" screen

(2) Press [∧] and [∨] to select "3. Sensitivity Adjustment", then press [⬤] (Confirm)

The "Sensitivity Adjustment" screen appears.

(3) Move ▲ with [<] and [>], adjust the sensitivity, then press [⬤] (Confirm)

- The adjusted sensitivity is set.

- Press [↩] (Return) to return to the "Button Settings" screen.

8 Alarm history

(1) The "Admin. Password Entry" screen appears

```
┌─────────────────────────────────┐
│                                 │
│ Admin. Password Entry           │
│                                 │
│      ▣    0    0    0           │
│      0                          │
│                                 │
└─────────────────────────────────┘
```
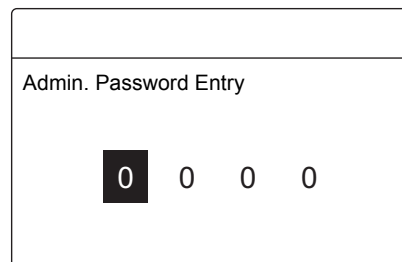
(2) Enter the password with [<] [∧] [∨] [>], then press [⬤] (Confirm)

(3) The "Alarm history" appears

(4) Press [∧] and [∨] to select "1. Alarm history", then press [⬤] (Confirm)

The "Alarm history" screen appears.

```
┌─────────────────────────────────────┐
│ Alarm history                       │
│        Unit      Code    Address    │
│   1.   1-2       F03       1        │
│   2.   1-10      F03       10       │
│   3.   1-1       F03       2        │
│   4.   1-2       E04       1        │
│   5.   1-1       E04       2        │
│   6.   1-3       E04       3        │
└─────────────────────────────────────┘
```

(5) Press [∧] and [∨] to display the content you want to check

- Press [↩] (Return) to return to the "Alarm history" screen.

9 Service information

(1) Display the "Alarm history" screen

```
Alarm history

1.   Alarm history
2.   Service information
```
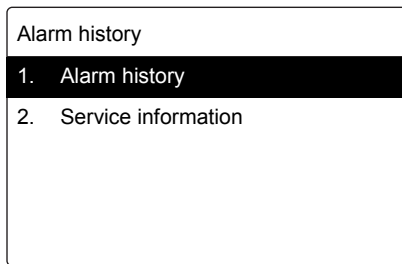
(2) Press [˄] and [˅] to select "2. Service information", then press [⬤] (Confirm)

The "Service information" screen appears.

```
Service information

TEL
```

• Press [↰] (Return) to return to the "Alarm history" screen.

10 Admin. Password Settings

(1) Display the "Admin. Password Settings" screen

The "Admin. Password Entry" screen appears.

```
Admin. Password Entry

    0    0    0    0
```
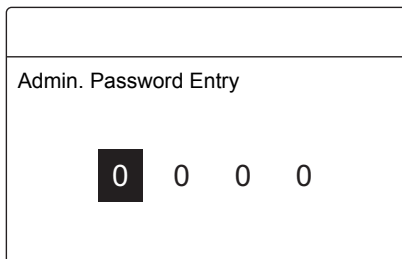
• If you make a mistake in the password, the message "Wrong Password. Enter the correct password." appears.

(2) Enter the password with [<] [˄] [˅] [>], then press [⬤] (Confirm)

The "Admin. Password Change" screen appears.

```
Admin. Password Change

Enter a new
admin. password.

    0    0    0    0
```

• Press [˄] and [˅] to change the number.
• You can change the digit with [>] and [<].

(3) Press [<] [˄] [˅] [>] to enter a new password, then press [⬤] (Confirm)

The new password is set and the display returns to the "Settings Menu" screen.

● **NOTE**

The initial set password for the administrator is "0000".
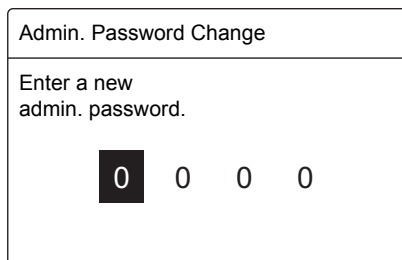
Servicing Menu

■ Servicing Menu items

Setting items			Description	Reference page
Register Contact Info	Contact information entry	(1)Register service info.	Enter the contact information (service store telephone number) for when an error occurs.	15
(2)Zone Settings			Perform zone registration.	15
Address Settings		(3)Obtain Address	Obtain centralized address information manually.	16
		(4)Address Display	Display centralized address information.	16
		(5)Address Auto-setting	Obtain centralized address information automatically.	16
Temperature Display Conf.		(6)Temp. Unit	Set the display unit for temperature (°C/°F).	16
		(7)Temp. Increments	Set the resolution for temperature display (1°C units/0.5°C units).	17
(8)Centralized/RC Mode Conf.			Set the Remote Control mode (Centralized Mode: Normal mode/ Remote Control mode: the same lock as the remote controller is applied).	17
(9)DN setting			Set the detailed data for the DN setting equipment.	17
(10)Communication Conf.			Set the communication information.	18

■ How to display the Servicing Menu screen

(1) On the "All" screen, press [☰] (Menu) and [⇡⇣] (Control) together for more than 4 seconds
The "Servicing Menu" screen appears.
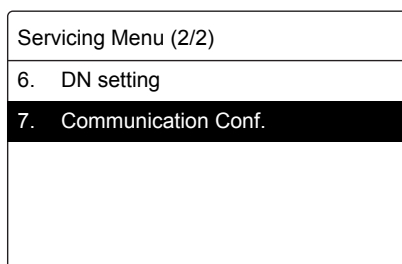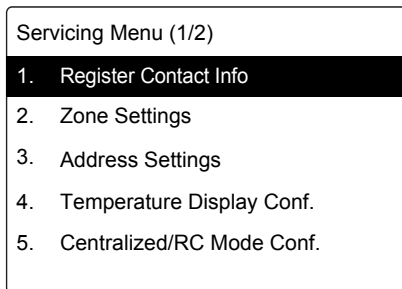
```
Servicing Menu (1/2)

1.   Register Contact Info

2.   Zone Settings

3.   Address Settings

4.   Temperature Display Conf.

5.   Centralized/RC Mode Conf.
```

```
Servicing Menu (2/2)

6.   DN setting

7.   Communication Conf.
```

• Press [↩] (Return) to return to the "All" screen.

(2) Press [∧] and [∨] to select the item, then press [●] (Confirm)
The settings screen of the selected item appears.
Refer to "How to display each setting screen (P.14)".

• Press [↩] (Return) to return to the "Servicing Menu" screen.

■ How to display each setting screen

"Register Contact Info" screen

Operation: "1. Register Contact Info"→[●] (Confirm)

```
Register Contact Info

1.   Contact information entry
```

"Zone Settings" screen

Operation: "2. Zone Settings"→ [●] (Confirm)

```
          Zone Settings    ● Confirm
01-01                        ·03
02-01      01-01             ·03   1
           1  2  3  4  5
02-04      6  7  8  9  10    ·02
03-03           ● Confirm    ·05
04-01                        ·03
```
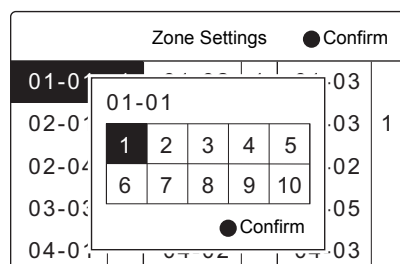
"Address Settings" screen

Operation: "3. Address Settings"→ [●] (Confirm)

```
Address Settings

1.   Obtain Address

2.   Address Display

3.   Address Auto-setting
```
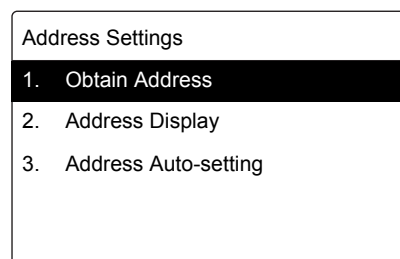
"Temperature Display Conf." screen

Operation: "4. Temperature Display Conf."→[●] (Confirm)

Temperature Display Conf.	
1. Temp. Unit	<°C>
2. Temp. Increments	<1°C>

"Centralized/RC Mode Conf." screen

Operation: "5. Centralized/RC Mode Conf."→[●] (Confirm)

Centralized/RC Mode Conf.
● Centralized Mode
Remote Control mode

"DN setting" screen

Operation: "6. DN setting"→[●] (Confirm)

DN setting
For use during servicing.
Change settings?
Yes
No

↓

	DN setting	● Confirm	
01-01	01-02	01-03	
02-01	02-02	02-03	
02-04	03-01	03-02	
03-03	03-04	03-05	
04-01	04-02	04-03	

"Communication Conf." screen

Operation: "7. Communication Conf."→[●] (Confirm)

Communication Conf.		
No	1234	5678
SW23	0000	0000
SW24	0000	0000
SW25	0000	0000
	0:OFF	1:ON

1 Register service info.

(1) Display the "Register Contact Info" screen

(2) Press [∧] and [∨] to select "1. Contact information entry", then press [●] (Confirm)

(3) Press [∧] and [∨] to select "1. Register service info.", then press [●] (Confirm)
The "Register service info." screen appears.

(4) Press [<] [∧] [∨] [>] to enter the telephone number, then press [●] (Confirm)

Register service info.
Input telephone number
- - - - - - - - - - -

The display returns to the "Contact information entry" screen
- Press [∧] and [∨] to change the number.
- You can change the digit with [>] and [<].
- The contact information you set will be displayed as the contact information.

2 Zone Settings

(1) Display the "Servicing Menu" screen

(2) Press [∧] and [∨] to select "2. Zone Settings", then press [●] (Confirm)
The "List of equipment" screen appears.

	Zone Settings	●Confirm			
01-01	1	01-02	1	01-03	
02-01		02-02		02-03	1
02-04	10	03-01		03-02	
03-03		03-04	2	03-05	
04-01		04-02		04-03	

(3) Press [<] [∧] [∨] [>] to select a piece of equipment, then press [●] (Confirm)
The "Zone list" screen appears.

	Zone Settings	●Confirm	
01-01			·03
02-0	01-01		·03 1
02-0	1 2 3 4 5		·02
03-0	6 7 8 9 10		·05
04-0	●Confirm		·03

(4) Press [<] [∧] [∨] [>] to select a zone, then press [●] (Confirm)
The zone is set and the display returns to the "List of equipment" screen.

- Press [↺] (Return) to return to the "Servicing Menu" screen.

3 Obtain Address

(1) Display the "Address Settings" screen

(2) Press [∧] and [∨] to select "1. Obtain Address", then press [●] (Confirm)

The "Obtain Address" confirmation screen appears.

(3) Press [∧] and [∨] to select "Yes", then press [●] (Confirm)

"Obtaining address... ⧗" appears, and the "List of equipment" screen appears when address acquisition is completed.

Acquiring an address may take several minutes.

Address Settings		● Confirm			
01-01	1	01-02	1	01-03	3
02-01		02-02		02-03	
02-04		03-01		03-02	
03-03	10	03-04		03-05	
04-01		04-02		04-03	

• Select "No" and press [●] (Confirm) to return to the "Servicing Menu" screen.

• Press [�averaging] (Return) to return to the "Servicing Menu" screen.

(4) Press [<] [∧] [∨] [>] to select a piece of equipment, then press [●] (Confirm)

The "Address list" screen appears.

01-01								
0	1	2	3	4	5	6	7	8	9
0	10	11	12	13	14	15	16	17	18
0	19	20	21	22	23	24	25	26	27
0	28	29	30	31	32	33	34	35	36
0	37	38	39	40	41	42	43	44	45

● Confirm

| 04-01 | 04-02 | 04-03 |

• In the screen, black is "cursor" and grey is "assigned address".

(5) Press [<] [∧] [∨] [>] to select an address, then press [●] (Confirm)

The "Address list" screen closes and the "List of equipment" screen appears.

(6) To confirm the displayed address, press [↰] (Return)

The confirmation screen appears.

Confirm
this address?

Yes

No

(7) Press [∧] and [∨] to select "Yes", then press [●] (Confirm)

"Registering the address... ⧗" appears, and when address registration is completed, the "List of equipment" screen appears.

• If you select "No" and press [●] (Confirm), the display returns to the "Servicing Menu" screen without registering the address.

(8) Confirm that the set address has been changed, then press [↰] (Return)

(9) Press [∧] and [∨] to select "Yes", then press [●] (Confirm)

The device restarts and address acquisition ends.

4 Address Display

(1) Display the "Address Settings" screen (P.14)

(2) Press [∧] and [∨] to select "2. Address Display", then press [●] (Confirm)

The "Address Display" confirmation screen appears.

(3) Press [∧] and [∨] to select "Yes", then press [●] (Confirm)

The address settings state appears.

• Press [↰] (Return) to return to the "Address Settings" screen.

5 Address Auto-setting

(1) Display the "Address Settings" screen

(2) Press [∧] and [∨] to select "3. Address Auto-setting", then press [●] (Confirm)

The "Address Auto-setting" confirmation screen appears.

(3) Press [∧] and [∨] to select "Yes", then press [●] (Confirm)

"Obtaining address... ⧗" appears, and when address acquisition ends, the device restarts.

Return to the "Servicing Menu" screen.

6 Temp. Unit

(1) Display the "Temperature Display Conf." screen

• Characters within "< >" indicate items currently set.

(2) Press [∧] and [∨] to select "1. Temp. Unit", then press [●] (Confirm)

The "Temp. Unit" screen appears

(3) Press [∧] and [∨] to select the temperature unit, then press [●] (Confirm)

The temperature unit is set.

• Press [↰] (Return) to return to the "Temperature Display Conf." screen.

7 Temp. Increments

(1) Display the "Temperature Display Conf." screen
 • Characters within "< >" indicate items currently set.
**(2) Press [∧] and [∨] to select "2. Temp. Increments",
then press [●] (Confirm)**
 The "Temp. Increments" screen appears.
 • The temperature interval of the setting temperature can be selected from "0.5°C units" or "1°C units".
**(3) Press [∧] and [∨] to select the temperature resolution,
then press [●] (Confirm)**
 The temperature resolution is set.

 • Press [↩] (Return) to return to the "Temperature Display Conf." screen.

8 Centralized/RC Mode Conf.

(1) Display the "Centralized/RC Mode Conf." screen
**(2) Press [∧] and [∨] to select "Centralized Mode" or
"Remote Control mode", then press [●] (Confirm)**
 The selected item is set.

 • Press [↩] (Return) to return to the "Servicing Menu" screen.

● **NOTE**

In the RC mode, the same lock as the remote controller is applied and 🔒 appears.

9 DN setting

● **REQUIREMENT**

Set the detailed data for the equipment.
Never change these settings because these are related to the equipment control.

(1) Display the "List of equipment" screen

DN setting		● Confirm
01-01	01-02	01-03
02-01	02-02	02-03
02-04	03-01	03-02
03-03	03-04	03-05
04-01	04-02	04-03

**(2) Press [<] [∧] [∨] [>] to select a piece of equipment,
then press [●] (Confirm)**
 The "DN setting" screen appears.

DN setting
Code (DN)   Data
1F   0029

 • Press [↩] (Return) to return to the "List of equipment" screen.

**(3) Press [∧] and [∨] to select the item Code (DN) and set
the data with [∧] and [∨]**
 • Press [∧] and [∨] to change the number.

(4) Press [●] (Confirm)
 The data is confirmed and the "DN setting" confirmation screen appears.

DN setting
Change other data settings?
Yes
No

**(5) Press [∧] and [∨] to select "No", then press [●]
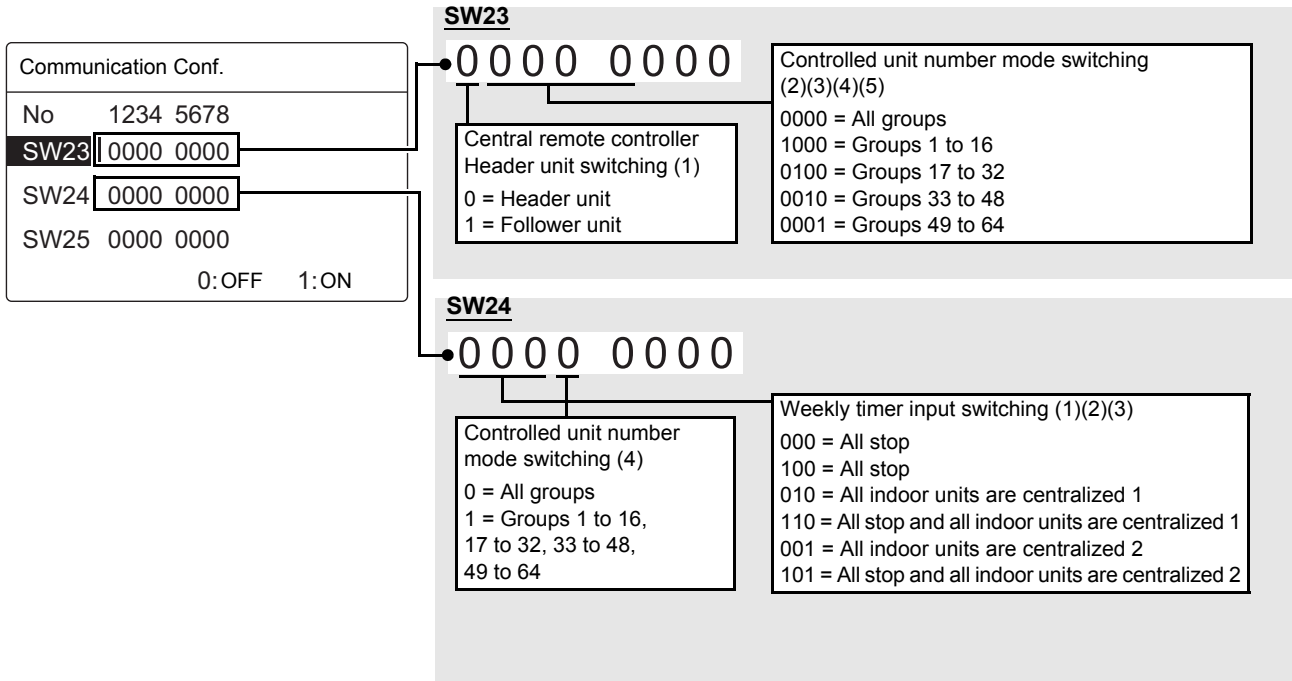(Confirm)**
 Return to the "Servicing Menu" screen.

 • Select "Yes" and press [●] (Confirm) to return to the "DN setting" screen.

10 Communication Conf.

(1) Display the "Communication Conf." screen

The "Communication Conf." screen appears.

```
Communication Conf.

No       1234 5678
SW23   0000 0000
SW24   0000 0000
SW25   0000 0000
                  0:OFF    1:ON
```

SW23

0 0 0 0 0 0 0 0

Central remote controller Header unit switching (1)
0 = Header unit
1 = Follower unit

Controlled unit number mode switching (2)(3)(4)(5)
0000 = All groups
1000 = Groups 1 to 16
0100 = Groups 17 to 32
0010 = Groups 33 to 48
0001 = Groups 49 to 64

SW24

0 0 0 0 0 0 0 0

Controlled unit number mode switching (4)
0 = All groups
1 = Groups 1 to 16, 17 to 32, 33 to 48, 49 to 64

Weekly timer input switching (1)(2)(3)
000 = All stop
100 = All stop
010 = All indoor units are centralized 1
110 = All stop and all indoor units are centralized 1
001 = All indoor units are centralized 2
101 = All stop and all indoor units are centralized 2

(2) Press [<] [∧] [∨] [>] to select the SW number, then press [<] [∧] [∨] [>] to set SW

• Press [∧] and [∨] to change the number.

(3) Press [●] (Confirm)

The data is confirmed and the display returns to the "Servicing Menu" screen.

● **NOTE**

For details of the Communication Conf., refer to the table below.

Central remote controller header/ follower switching

	SW23
	1
Header	0
Follower	1

Controlled unit number mode switching

	SW23				SW24
	2	3	4	5	4
All groups	0	0	0	0	0
Groups 1 to 16	1	0	0	0	1
Groups 17 to 32	0	1	0	0	1
Groups 33 to 48	0	0	1	0	1
Groups 49 to 64	0	0	0	1	1

Weekly timer input switching

		SW24		
Timer OFF→ON	Timer ON→OFF	1	2	3
All start	All stop	0	0	0
No change	All stop	1	0	0
All indoor units are locally controllable.	All indoor units are centralized 1	0	1	0
	All stop and all indoor units are centralized 1	1	1	0
	All indoor units are centralized 2	0	0	1
	All stop and all indoor units are centralized 2	1	0	1

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