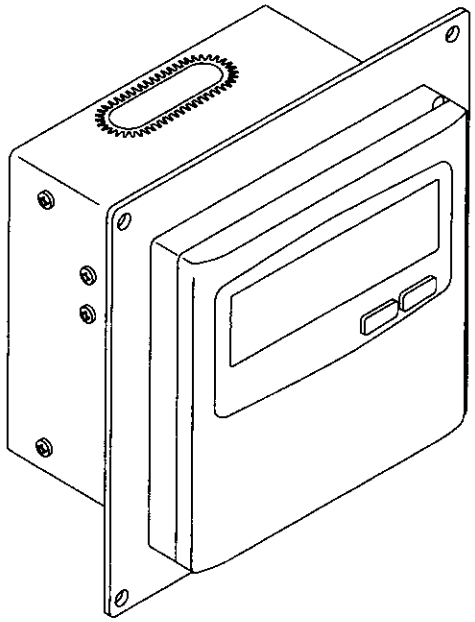
Save These Instructions!
Conservez ces instructions!
Bewahren Sie diese Anweisungen auf.
Conservare questo manuale!
Guarde estas instruções!
Φυλάξτε αυτές τις οδηγίες!
¡Guarde estas instrucciones!
Bewaar deze gebruiksaanwijzing!
请保存好本说明！

TOSHIBA



TCB-SC642TLE2

Central Remote Controller for Split System Air Conditioner	*INSTALLATION MANUAL*	EG
Télécommande centrale pour climatiseur à système deux blocs	*MANUEL D'INSTALLATION*	F
Zentrale Fernbedienung für Klimagerät mit Splitbauweise	*INSTALLATIONSHANDBUCH*	D
Centralina di controllo a distanza per condizionatore d'aria di tipo split	*MANUALE DI INSTALLAZIONE*	I
Controlador remoto central para aparelho de ar condicionado com sistema split	*MANUAL DE INSTALAÇÃO*	P
Κεντρικό τηλεχειριστήριο για διαχωρισμένο σύστημα κλιματισμού	*ΕΓΧΕΙΡΙΔΙΟ ΕΓΚΑΤΑΣΤΑΣΗΣ*	GR
Controlador remoto central para acondicionador de aire de sistema split	*MANUAL DE INSTALACIÓN*	ES
Centrale afstandsbediening voor dubbel-systeem airconditioner	*INSTALLATIEHANDLEIDING*	NE
分体系统空调机的中央遥控器	安装手册	CS

Pub. OI-8546435984100

TOSHIBA CARRIER CORPORATION

Contents

Product Information

If you have problems or questions concerning your Air Conditioner, you will need the following information. Model and serial numbers are on the nameplate on the bottom of the cabinet.

Model No. TCB-SC642TLE2 Serial No. _____

Date of purchase _____

Dealer's address _____

Phone number _____

DECLARATION OF CONFORMITY

This product is marked « CE » as it satisfies EEC Directive No. 89/336/EEC, 73/23/EEC and 93/68/EEC.

This declaration will become void in case of misusage and/or from non observance though partial of Manufacturer's installation and/or operating instructions.

Alert Symbols

The following symbols used in this manual, alert you to potentially dangerous conditions to users, service personnel or the appliance:

WARNING

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

CAUTION

This symbol refers to a hazard or unsafe practice which can result in personal injury or product or property damage.

Installation Location

- **We recommend that this central controller be installed properly by qualified installation technicians in accordance with the Installation Manual provided with the central controller.**

WARNING

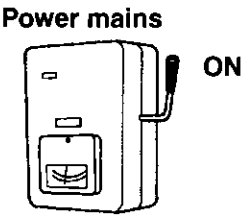
- **Do not install this central controller where there are fumes or flammable gases, or in an extremely humid space such as a greenhouse.**
- **Do not install the central controller where excessively high heat-generating objects are placed.**

Electrical Requirements

1. All wiring must conform to the local electrical codes. Consult your dealer or a qualified electrician for details.
2. Wiring must be done by a qualified electrician.

CAUTION

To warm up the system, the power mains must be turned on at least 12 hours before operation. Leave the power mains ON unless you will not be using this appliance for an extended period.



Safety Instructions

- **Read this booklet carefully before using this central controller. If you still have any difficulties or problems, consult your dealer for help.**
- **The air conditioner is designed to give you comfortable room conditions. Use this only for its intended purpose as described in the Owner's Manual.**

WARNING

- **Never touch the unit with wet hands.**
- **Never use or store gasoline or other flammable vapor or liquid near the air conditioner — it is very dangerous.**
- **The air conditioner has no ventilator for intaking fresh air from outdoors. You must open doors or windows frequently when you use gas or oil heating appliances in the same room, which consume a lot of oxygen from the air. Otherwise there is a risk of suffocation in an extreme case.**

CAUTION

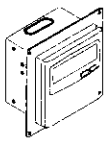
- **Do not turn the air conditioner on and off from the power mains switch. Use the ON/OFF operation button.**
- **Do not stick anything into the air outlet of the outdoor unit. This is dangerous because the fan is rotating at high speed.**
- **Do not let children play with the air conditioner.**
- **Do not cool or heat the room too much if babies or invalids are present.**

EG

1. General

This booklet briefly outlines where and how to install the central controller. Please read over the entire set of instructions for the indoor and outdoor units and make sure all accessory parts listed are with the controller before beginning.

NOTE Give these instructions to the customer after finishing the installation.

Part Name	Figure	Q'ty	Remarks
Central controller		1	
Tapping screw	Truss-head Phillips 4 x 16 mm 	4	For securing the central controller
Rawl plug		4	For securing the central controller
Manual		1	For installation
		1	For operation

2. Installation site selection

- Install the central controller at a height of between 1 and 1.5 meters above the floor.
- Do not install the central controller in a place where it will be exposed to direct sunlight or near a window or other place where it will be exposed to the outside air.
- Be sure to install the central controller vertically, such as on a wall.

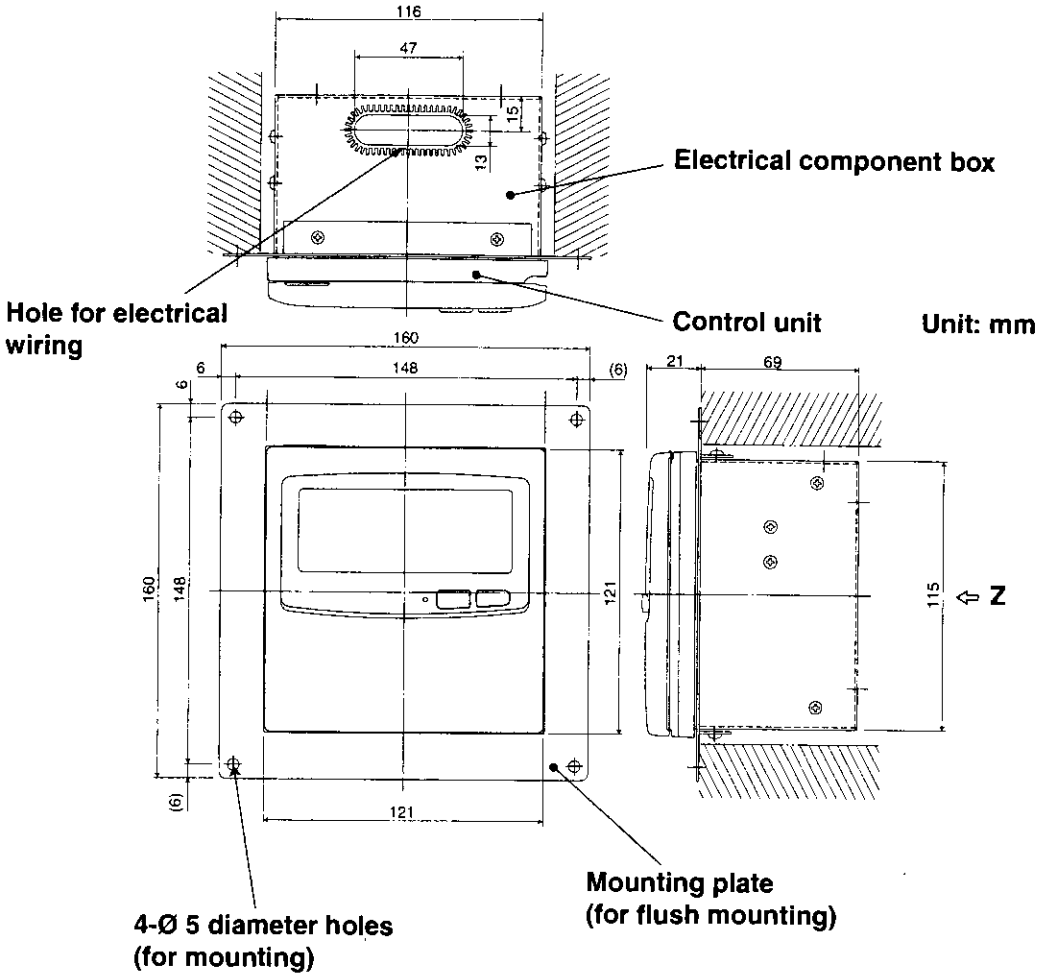
3. How to install the central controller

CAUTION

- **Do not twist the control wiring together with the power wiring or run it through the same metal conduit, because this may cause a malfunction.**
- **Install the central controller away from sources of electrical noise.**
- **Install a noise filter or take other appropriate action if electrical noise affects the power supply circuit of the unit.**

WARNING **Do not supply power to the unit or try to operate it until the tubing and wiring to the outdoor unit is completed.**

■ Overview of the central controller



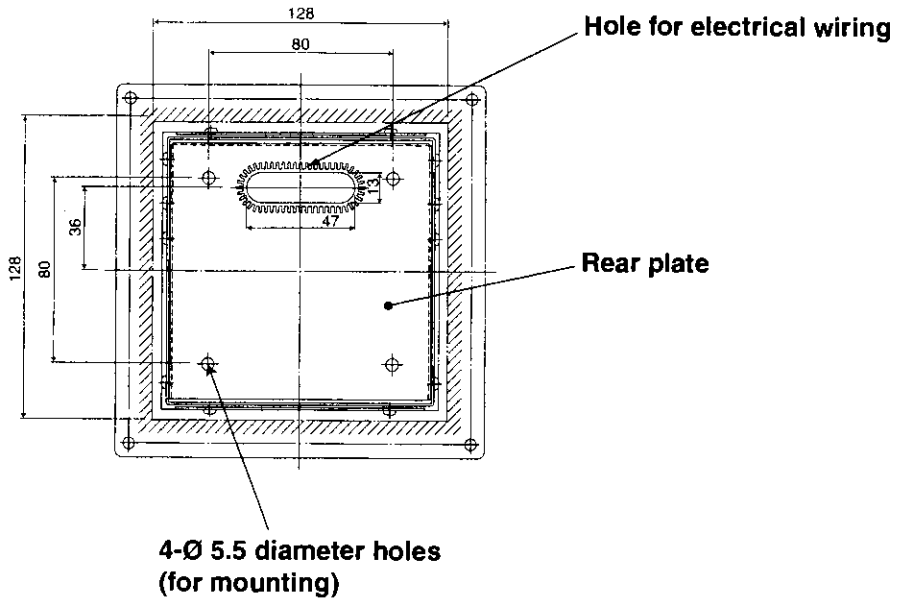


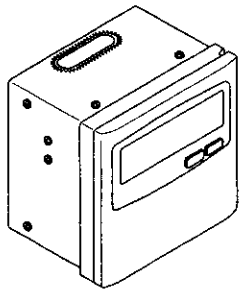
Fig. 1

Z-view (back side)

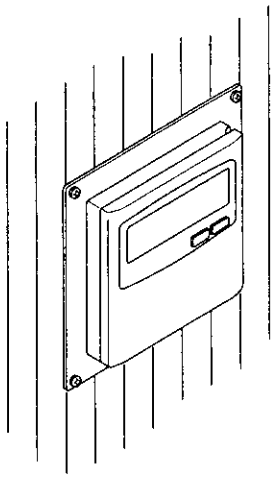
* In order to mount the central controller flush with the wall, an opening measuring 128 mm x 128 mm is necessary.

EG

■ Installation procedure



a): Normal mounting



b): Flush mounting

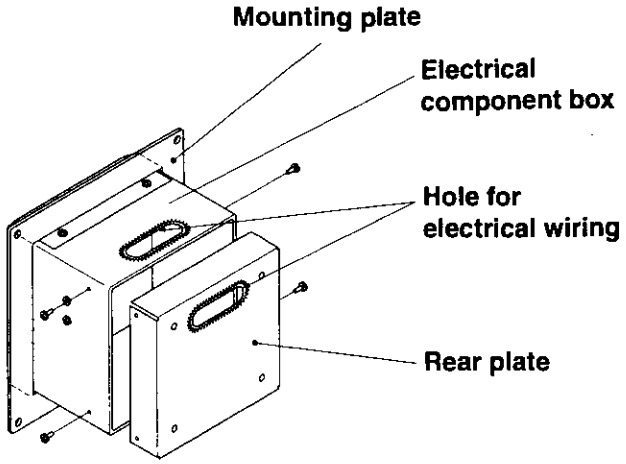


Fig. 2

1. Decide how the central controller will be mounted: in the normal manner or flush with the wall.
   a) To mount the central controller in the normal manner, remove the mounting plate. Then reattach the four screws to the electrical component box.
   b) To mount the central controller flush with the wall, make an opening in the wall measuring 128 mm x 128 mm. The opening must be at least 85 mm deep as measured from the outside surface of the wall.

2. Remove the rear plate and connect the electrical wiring.
   1) Remove the four screws located on both sides of the rear plate.
   2) Either the hole in the top of the electrical component box or the hole in the rear plate may be used to feed the electrical wiring.
   3) If the hole on top is used, the rear plate should be turned upside down.

3. Secure the central controller in place.
   a) If the central controller is being mounted in the normal manner, first attach the rear plate to the wall using the screws and Rawl plugs provided. Next, place the body of the central controller over the rear plate and secure it in place using four screws.
   b) If the central controller is being mounted flush with the wall, fit it through the mounting plate on the wall and secure it in place using the screws and Rawl plugs provided.

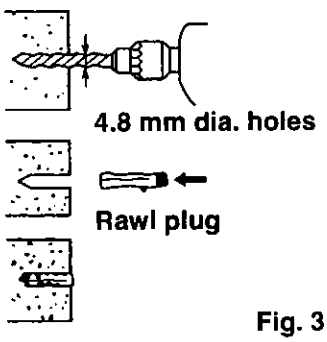


Fig. 3

NOTE To mount the central controller on a wall made of cinder block, brick, concrete, or a similar material, drill 4.8 mm diameter holes in the wall and insert Rawl plugs to anchor the mounting screws.

■ Layout of electrical terminals

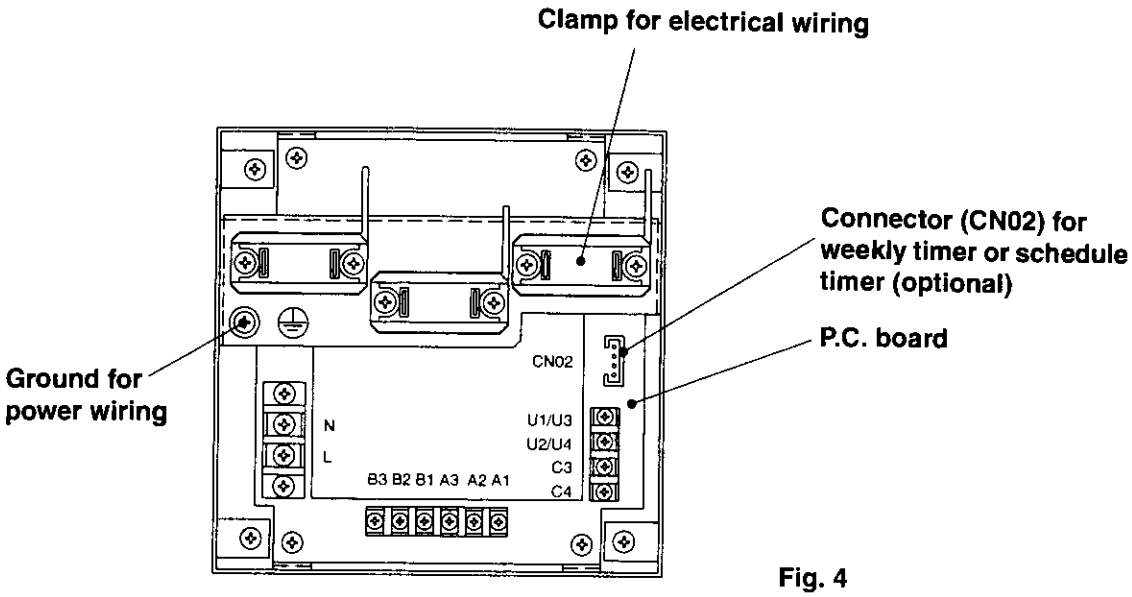


Fig. 4

How to connect electrical wiring

1) Basic wiring

L: ┐
N: ┘ Power supply (∿ 50 Hz/60 Hz, 220–240 V)

U1/U3: ┐
U2/U4: ┘ Indoor unit control wiring. (Low voltage)

C3: Auxiliary

C4: Ground for inter-unit control wiring

⏚: Ground for power wiring

2) Terminals for remote monitoring

A1: Input for turning on air conditioners concurrently.

A2: Input for turning off air conditioners concurrently.

A3: Common input for turning air conditioners on or off.

B1: On operation state indicator output.

B2: Alarm indicator output.

B3: Common indicator output.

EG

■ How to wiring

CAUTION **Ensure that wiring connections are correct. (Incorrect wiring will damage the equipment.)**

How to wire the central controller

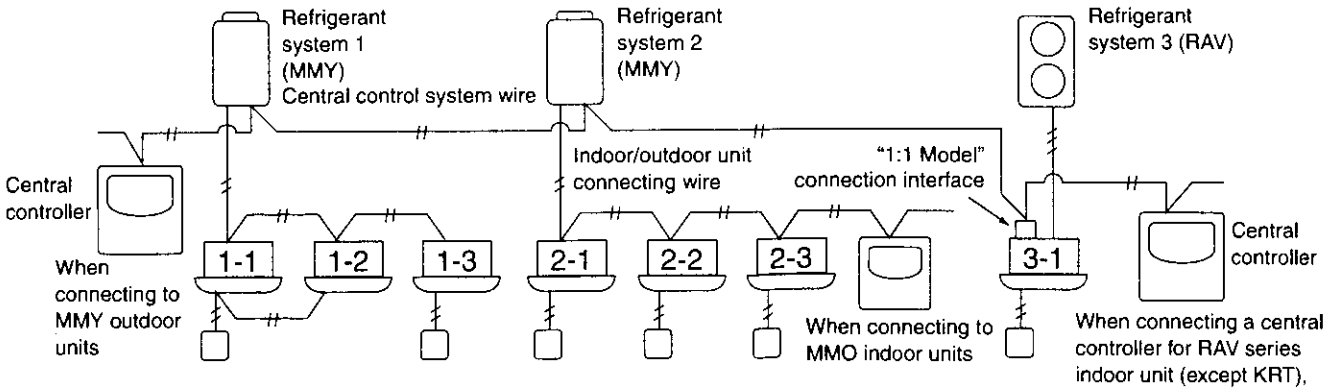
In order to ensure safety, turn off the air conditioner power before mounting or removing the cetral controller.

- Connect the communication wires to the indoor/outdoor unit connecting wires or central control system wires.
- Use the following as the communication wires.
  Total wire length of less than 1,000 meters: MVVS1.25mm^2
  Total wire length of less than 2,000 meters: MVVS2.0mm^2
  The total wire length is obtained by adding the lengths of the indoor/outdoor unit connecting wires to the lengths of the central control system wires.
- Do not run the communication wires inside the same electrical wire conduits as the power cables, connect them using similar wires or allow them to be routed near other wires.
- For the communication wires, use signal wires that visually identify them as being different from either the remote controller wires or the power cables.
- Connect the power cable of the central controller to the AC220–240V power source. (Incorrect wiring will damage the equipment.)
- Connect the wires in such a way that none of the wires will be connected incorrectly. (Incorrect wiring will damage the equipment.)

<Basic wiring diagram>

Connect the communication wires of the air conditioners shown which is the wiring employed when using central control is used.

- The maximum number of air conditioners which can be connected in one central control system is 64 indoor units and 16 outdoor units (center units). (With Super Modular Multi system)
- Up to ten central controllers including other central control units can be connected.



MMO : Super Modular Multi Indoor Unit model name.
(MMU, MMD, MMC, MML, MMK and MMF)
"RAV" shows DI and SDI.
"1:1 Model" connection interface : TCB-PCNT30TLE*.

Fig. 4

NOTE

- When connecting to MMY outdoor units, make the connection to the central control system wires (U3 and U4 terminals).
- When connecting to MMO indoor units, make the connection to the indoor/outdoor unit connecting wire (U1 and U2 terminals).
- When connecting to a RAV air conditioner, make the connection to the U3 and U4 terminals.
- The "1:1 Model" connection interface is required for the RAV air conditioner. (except KRT series.)
- A general-purpose unit control interface is required with some air conditioner models.

<Wiring connection procedure>

As shown in the figure below, connect the terminal block (U1/U3, U2/U4) of the central controller with the terminals (U3, U4) of the outdoor unit (central unit).

- It is also possible to connect to the indoor/outdoor unit connecting wire terminals (U1, U2) of the indoor or outdoor unit (no matter which refrigerant system is used).
- Since the terminals do not have polarities, U1/U2 or U3/U4 can be reversed.

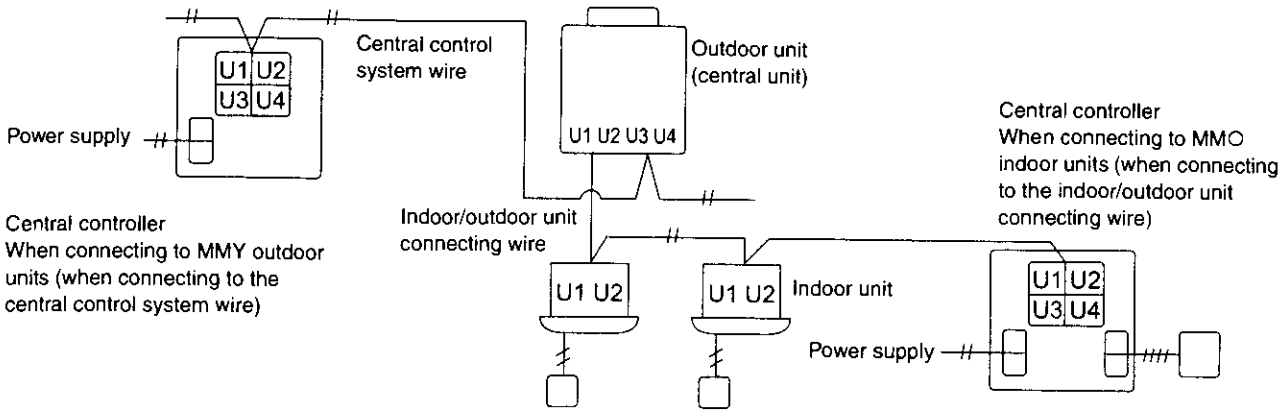
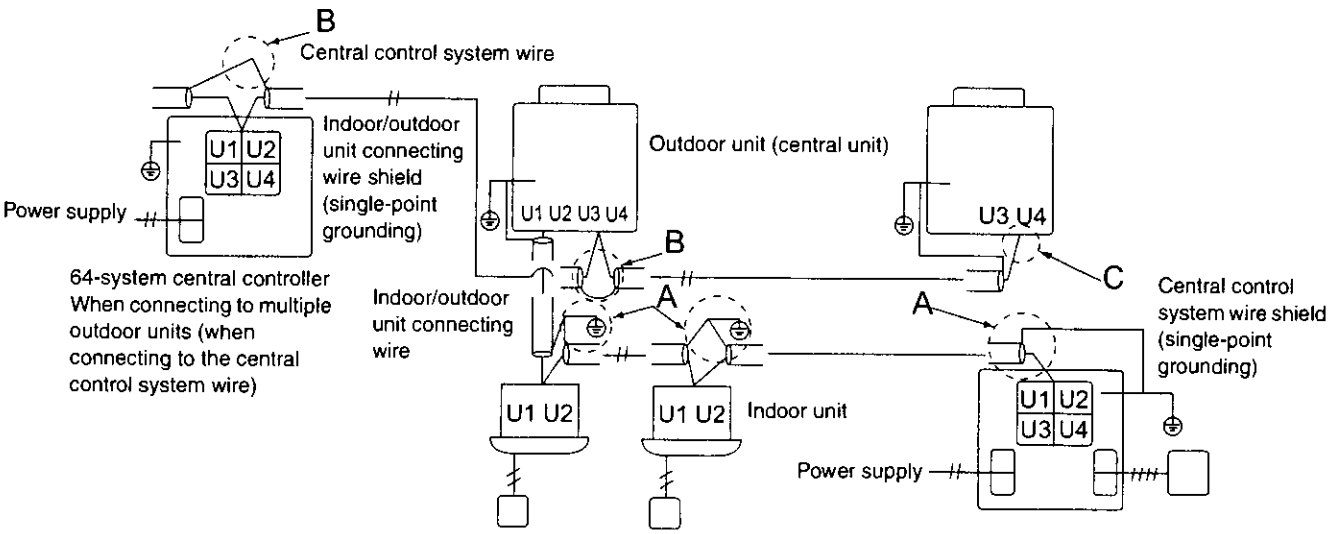


Fig. 6

NOTE The fuse will blow to protect the equipment if an AC voltage of 220–240V is applied by mistake to U1/U3 or U2/U4. If this should happen, first re-connect the terminals properly, and then connect the communication wire to the U1/U3 and spare terminals. Check the fuse on the indoor/outdoor control board since this fuse may have blown as well.

<Grounding the shielded wires>

- Terminate the connection of the shielded wires for all the central control wires, and provide single-point grounding.
- Even when connecting the centrally controlled unit to the indoor/outdoor unit connecting wires, terminate the connection of the shielded wires, and provide single-point grounding for all the indoor/outdoor unit connecting wires.
- Leave the final termination open (insulate it).



Area A: Ground both ends of the shielded cable used for the indoor/outdoor unit connection.
Area B: Connect a shielded cable for the central control system wiring.
Area C: Ground only one end of the central control system wiring at its final termination. (Leave the other end of the wire at its final termination as an open wire (i.e. insulate it).)

Fig. 7

EG

4. Address switch setting

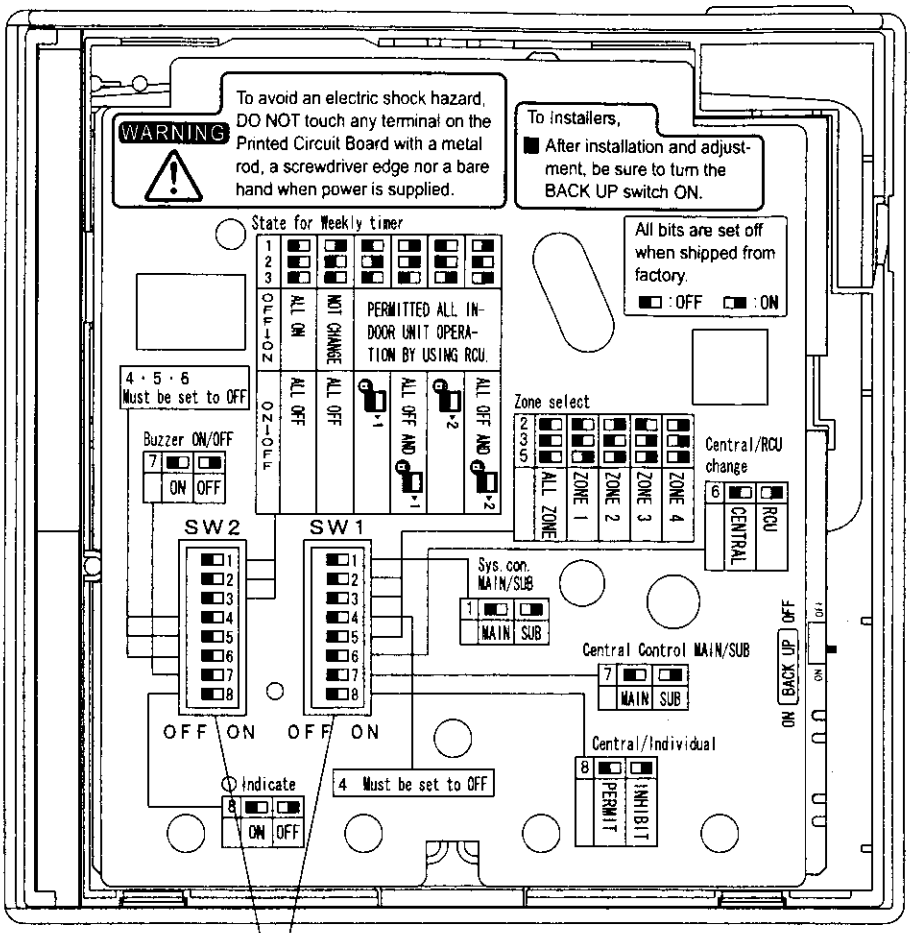


Fig. 8

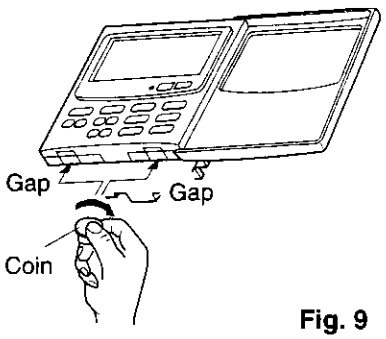
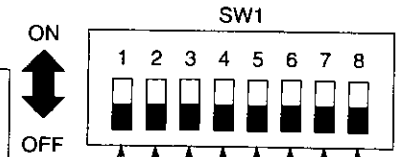


Fig. 9

How to reach the P.C. board

Remove the flat-top screw on the bottom of the back case. When you open up the decorative cover, you will see two notches under the control unit. Inset a coin or other flat object into these notches and pry off the back case. The P.C. board on the back of the control unit is now visible.

SW1



Main/sub selection switch
OFF: Central controller operates as main controller.
ON: Central controller operates as sub-controller.

ALL/ZONE mode selection switch
ALL mode:
All indoor units can be controlled by central controller.
ZONE 1, 2, 3, 4 mode:
Indoor units in one of zone 1, 2, 3, or 4 can be controlled by central controller. All indoor units cannot be set.

	2	3	4	5
ALL mode	OFF	OFF	OFF	OFF
ZONE 1 mode	OFF	OFF		ON
ZONE 2 mode	ON	OFF		ON
ZONE 3 mode	OFF	ON		ON
ZONE 4 mode	ON	ON		ON

Central control/Remote control mode selection switch
OFF: Central control mode.
Individual setting by remote controller can be inhibited by central controller.

ON: Remote control mode.
Setting by central controller is inhibited by other central control equipments.

Central control Main/Sub selection switch
(OFF: Main, ON: Sub)
① When AMY adaptor etc. is used with central controller, set the switch to ON position.
② When only one central controller is used, set the switch to OFF position.
③ Except ①, when multiple central controllers are used, set only one central controller to OFF position and others to ON position.
ALL mode central controller to be OFF position. (recommended)

(Central control) button operation switch
OFF: (Central control) button operation is permitted.
ON : button operation is inhibited.

*All switches are OFF position at shipment.

Fig. 10

EG

SW2

Weekly timer input switches

Central controller operation can be set when weekly timer activates (ON/OFF).

Central controller operation / Switch No.			1	2	3
	Timer OFF→ON	Timer ON→OFF			
①	All ON	All OFF	OFF	OFF	OFF
②	No change	All OFF	ON	OFF	OFF
③	Individual control of all indoor units to be permitted	All indoor units to be [remote] 1*1	OFF	ON	OFF
④	Ditto	All OFF and all indoor units to be [remote] 1*1	ON	ON	OFF
⑤	Ditto	All indoor units to be [remote] 2*2	OFF	OFF	ON
⑥	Ditto	All OFF and all indoor units to be [remote] 2*2	ON	OFF	ON

In case of Remote control mode, use ① or ②.
In case of ZONE 1, 2, 3, 4 mode, ALL, all indoor units means one of ZONE 1, 2, 3, 4.

*1: [remote] 1 (Central control 1) means ON/OFF operation cannot execute by remote controller.

*2: [remote] 2 (Central control 2) means ON/OFF, MODE change. Temp. setting cannot be executed by remote controller.

Auxiliary switch

Must be set to OFF position.

Beep tone switch

OFF: Beep tone when each button is pushed.
ON: No tone when each button is pushed.

⊙ Indication switch

Normally set to OFF position.
When set to ON position, ⊙ indication is not displayed on LCD of central controller.

*All switches are OFF position at shipment.

Fig. 11

5. Mode setting

According to function of each central controller, set SW1 as Fig. 12.

(1) Central control/Remote control mode

- Central control mode

  Central controller is used as central control equipment.
  Individual setting by remote controller can be inhibited by central controller.

- Remote control mode

  Central controller is used as remote controller.
  Setting by central controller is inhibited by other central control equipments.

(2) ALL/ZONE mode

- ALL mode

  All indoor units can be controlled by central controller.

- ZONE mode

  Indoor units in one of ZONE 1, 2, 3 or 4 can be controlled by central controller.

(3) Function of central controller is 10 types according to combination of central control/remote control mode and ALL/ZONE mode setting as the table 1.

(4) Stick the central controller unit label in a conspicuous position.

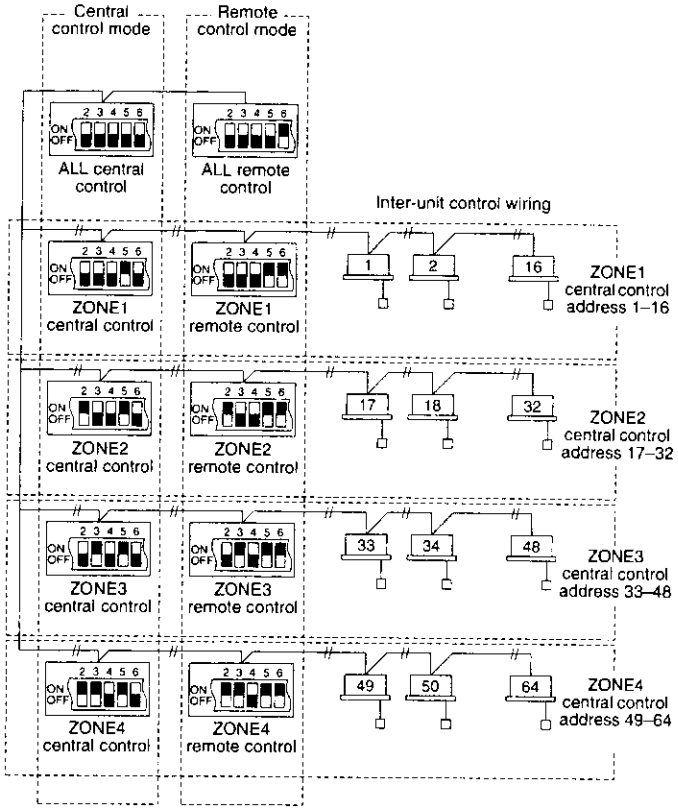


Fig. 12

Table 1

	Central control	Remote control
ALL	1. ALL/Central	6. ALL/Remote
ZONE1	2. ZONE1/Central	7. ZONE1/Remote
ZONE2	3. ZONE2/Central	8. ZONE2/Remote
ZONE3	4. ZONE3/Central	9. ZONE3/Remote
ZONE4	5. ZONE4/Central	10. ZONE4/Remote

EG

6. How to perform zone registration

To operate the central controller properly, zone registration is required after finishing the test run (and after setting all indoor unit addresses) using one of the following methods.

Procedures common to all units

1. Connect the UI /U2 terminals to the relay connectors of the U3/U4 terminals inside the outdoor unit (central unit).

2. Leave the SW30-2 switch on the outdoor unit (central unit) interface board at the ON position for one system only, and set all the other switches to OFF. (For details on the SW-30 position, refer to the wiring diagram Provided with the out door unit.)
   (a) Zone registration using the remote controller (RBC-AMT31E)
   Refer to page 16
   (b) Zone registration using the remote controller (TCB-SC642TLE*)
   Refer to page 17
   (c) Automatic zone registration using the central controller (TCB-SC642TLE*)
   Refer to page 18

For methods (a) and (b), you Should make a zone registration table manually before performing the registration as shown on the page15.

For method (c), zone registration is executed automatically proceeding from small indoor unit address and small central addresses to larger numbers in numerical order. For example:

For methods (b) and (c)

These methods are not supported by the RAV models.
For RAV models, initiate the zone registration described in (a).
Wait at least 10 minutes after the power has been turned on before starting to set the addresses.
It may take up to 10 minutes (although it usually takes 3 minutes) to establish initial communication between the indoor and outdoor units. If the addresses are set before this communication is completed, the central address may fail to be set in some of the indoor units.

Central address	1	2	3	4	5	6	
ZONE-group	1-1	1-2	1-3	1-4	1-5	1-6	
Indoor unit address	1-1	1-2	2-1	2-2	2-3	3-1	

NOTE

1. An indoor unit address is assigned to each indoor unit during automatic address operation. Each indoor unit address combines an R.C. address and indoor unit number as follows:

   1—1 :indoor unit address (UNIT No.)
   - └— Indoor unit No.
   - └——— Refrigerant circuit No. (R.C. address)

   This address is displayed on remote controller for UNIT No. when the UNIT button is pressed.

2. The central address represents the zone and group number. These addressed are assigned in ascending numerical order.

3. For details on how to set the address when "1:1 model" connection interface (TCB-PCNT30TLE*) is connected for central control, refer to these instructions and to the installation instructions of the "1:1 model" connection interface.

■ ZONE registration table

ZONE	GROUP	Central address	Indoor unit address (UNIT No.)	Unit location	ZONE	GROUP	Central address	Indoor unit address (UNIT No.)	Unit location
1	1	1			3	1	33		
	2	2				2	34		
	3	3				3	35		
	4	4				4	36		
	5	5				5	37		
	6	6				6	38		
	7	7				7	39		
	8	8				8	40		
	9	9				9	41		
	10	10				10	42		
	11	11				11	43		
	12	12				12	44		
	13	13				13	45		
	14	14				14	46		
	15	15				15	47		
	16	16				16	48		
2	1	17			4	1	49		
	2	18				2	50		
	3	19				3	51		
	4	20				4	52		
	5	21				5	53		
	6	22				6	54		
	7	23				7	55		
	8	24				8	56		
	9	25				9	57		
	10	26				10	58		
	11	27				11	59		
	12	28				12	60		
	13	29				13	61		
	14	30				14	62		
	15	31				15	63		
	16	32				16	64		

NOTE

1. Assign indoor unit addresses to the desired positions (central addresses) manually.
2. For group control, only the main indoor unit should be assigned. Sub indoor units cannot be assigned.

EG

(a) Zone registration using the wired remote controller (RBC-AMT31E)
(Determination of central address)

- This method is not supported by the RAV models. For RAV models, initiate the zone registration described in (a).
- In this case, after confirming which indoor unit is connected to the remote controller and that the air conditioner in the OFF state, you set the central control addresses one at a time.
- If the system has no remote controller, connect a remote controller to the system temporarily. Then follow this procedure.

NOTE

The indoor unit address must already have been set before performing zone registration. If necessary, refer to the Installation Manual supplied with the outdoor unit.

(1) Press the [🔧] and [⏎] buttons at the same time of the remote controller for more than 4 seconds.

(2) Do not press [UNIT] button.

(3) Once in this mode, the UNIT No., CODE No., No. of SET DATA and SETTING indications will flash on the display as shown Fig. 13.

NOTE

In case of group control "ALL" instead of "UNIT No." will flash on the display. Select the main indoor unit address by pressing the [UNIT] button once.

(4) Set CODE No. to 03 using the [▲] and [▼] (🌡) buttons.

NOTE

The CODE No. 03 must be selected to perform zone registration using the remote controller.

(5) Set the Central control address which you want to assign to the indoor unit address using the [▲] and [▼] (🕘) buttons according to the zone registration table.

(6) Press the [SET] button. The CODE No. and Central control address changes from flashing to ON state. If you make mistake, then press the [CL] button and reset the central control address.

(7) Press the [🔧] button to finish zone registration.

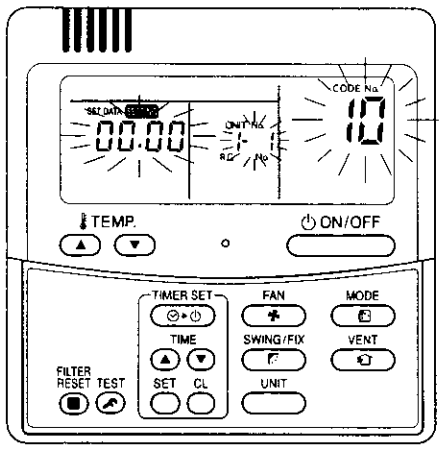
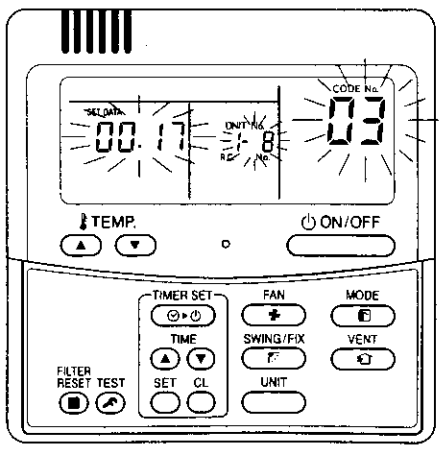


Fig. 13



For example, in this case
Indoor unit address:1-8
Central control address :
17 (ZONE 2, GROUP 1)

Fig. 14

(b) Zone registration using the central controller (TCB-SC642TLE*)

This method is not supported by the RAV models. For RAV models, initiate the zone registration described in (a).

- In this case, you set all Central addresses by central controller at once manually.

(1) Press the [wrench] and [ZONE] buttons at the same time for more than 4 seconds.
SETTING and CODE No. C1 will flash.

(2) After confirming that CODE No. C1 is displayed, press the [SET] button. Once in this mode, a change takes place as Fig. 15.

(3) Select the zone and group No. which you want to set with [ZONE] and [◄] [►] (GROUP) buttons.
If already set, press the [CL] buttons.

(4) Set the unit No. (Indoor unit address) with [fan] and [temp] buttons, according to the zone registration table.

R.C. No. ..... [fan] button

Indoor unit No..... [temp] button

(5) Press the [SET] button.
GROUP No. turns ON and UNIT No. (Indoor unit address) changes from flashing to ON state. UNIT No. is registered to selected ZONE No. and GROUP No.
If you make mistake, then press the [CL] button and reselect the ZONE, GROUP and UNIT No.

(6) Register the other UNIT No. in the same way by following the steps (3) to (5).

(7) Finally, complete the registration by pressing the [wrench] button.
SETTING flashes for a few minutes, then OFF.

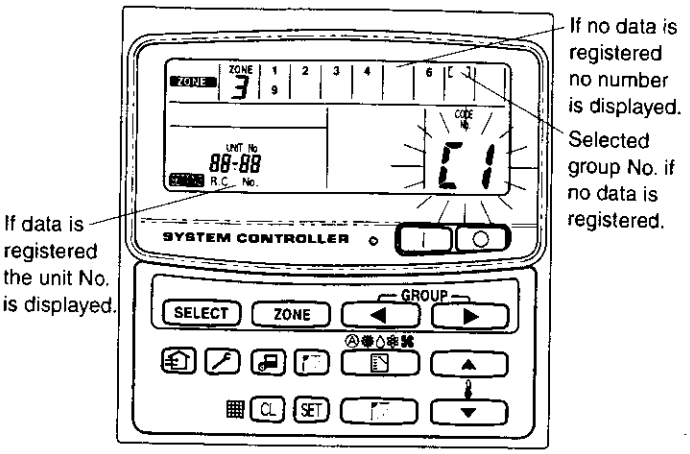
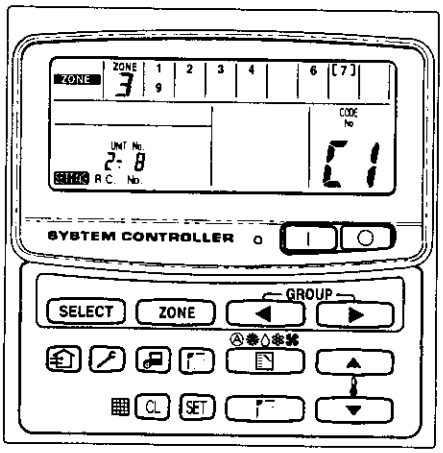


Fig. 15



For example, in the case at left
Zone 3, group No. 7
Unit No. (indoor unit address) 2-8

Unit No. 2-8 is registered to zone 3-group 7.

Fig. 16

EG

(c) Automatic zone registration using the central controller (TCB-SC642TLE*)

(1) Press the [🔧] and [ZONE] buttons at the same time for more than 4 seconds.
SETTING and CODE No. C1 will flash.

(2) Select CODE. No. C2 by pressing [▲] and [▼] (🌡) button and press the [SET] button.
C2 changes from flashing to ON state and automatic zone registration will start.

(3) Registered GROUP No. will be disappeared all.

(4) Central address will be assigned from small indoor unit address to large one in numerical order automatically.
Finishing automatic zone registration, SETTING changes from flashing to OFF.

(5) If the error is happened, the "CHECK" starts flashing and zone registration finishes at this time. Press the [CL] button.

(6) Finally, complete automatic zone registration mode by pressing the [🔧] button.
SETTING flashes for a few minutes, then OFF.

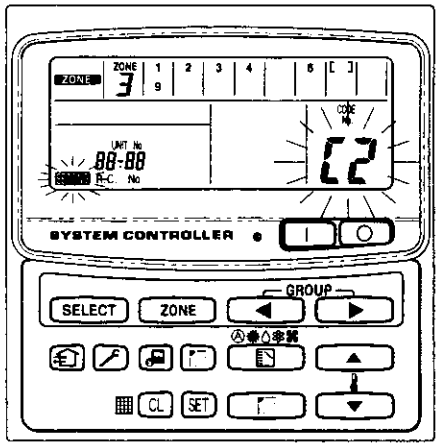


Fig. 17

7. How to check overlapping of central control address no.

This cannot be used with RAV air conditioners. For further details, refer to the instructions of the "1:1 model" connection interface (TCB-PCNT30TLE*).

(1) Press the [/] and [ZONE] buttons at the same time for more than 4 seconds.
SETTING and CODE No. C1 will flash.

(2) Select CODE. No. C3 by pressing [▲], [▼] ( ) button and press the [SET] button.
C3 changes from flashing to ON state and SETTING will flash. Then auto. overlap checking will start.

(3) If C3 changes from ON to flashing and SETTING stops flashing and disappears, there is no overlapping.
Then finally, complete the auto overlap checking mode by pressing the [/] button.

(4) If some of GROUP No., ZONE No. and UNIT No. flash, you should try again the zone registration.

① Select CODE No. C1 by pressing [▲], [▼] ( ) button and press the [SET] button.
② Select the flashing GROUP No. with ZONE and GROUP button. Then press the [CL] button and reselect the ZONE, GROUP and UNIT No.
③ Then finally, complete the auto. overlap checking mode by pressing the [/] button.

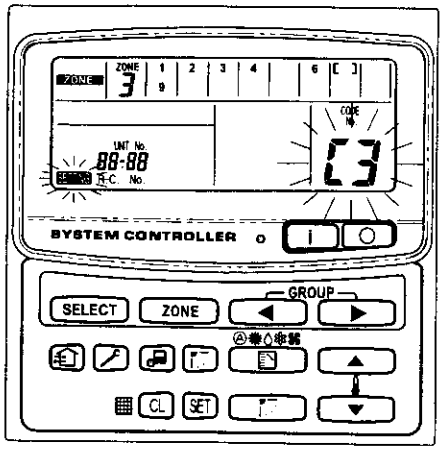
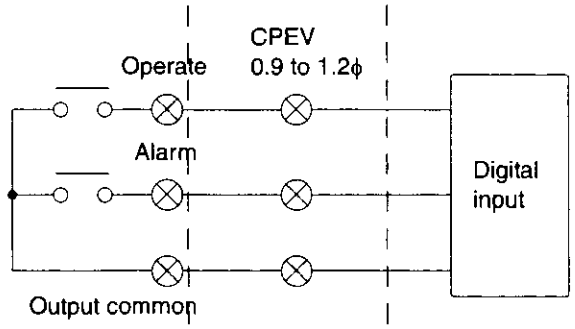
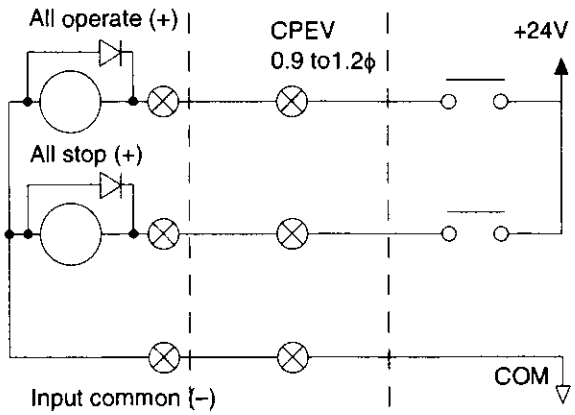


Fig. 18

EG

8. Connections with external equipment

Designation	Input/output item	Central controller side		Equipment side		
		Input/output conditions	Terminal name	Demarcation terminals	Circuitry example	Input/output conditions
Digital input/output terminals	Status output	Operate output Alarm output "A" (normally open) contact without voltage Static (relay output) Allowable contact voltage, current: DC 30 V, 0.5 A				Wiring length: Max. 100 meters
	Control input	All operate input All stop input "A" (normally open) contact with voltage Pulse (photocoupler input) Allowable contact voltage, current: DC 24 V, 10 mA				Pulse width: 300 ms or more Wiring length: Less than 100 meters

9. Memory back up switch

Check the back up switch is ON for back side of central controller PCB.

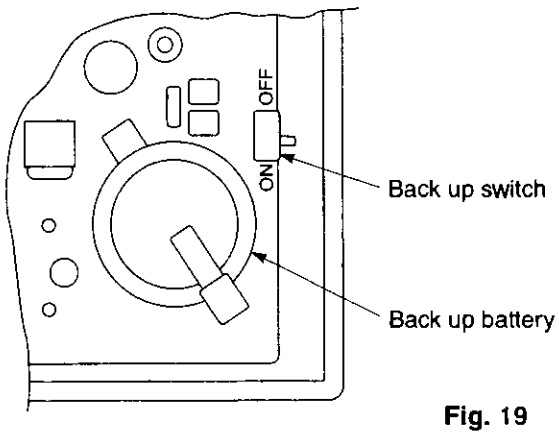


Fig. 19

10. Test run of the central controller

(1) Power on for all indoor units. Next, power on for central controller.

SETTING will flash, checking the indoor unit address automatically.

(2) If group No. displayed on central controller is not same as indoor unit No.* which is connected, see Fig. 7 and setting again.

*In case of group control, main unit No. only.

11. How to perform an air conditioner test run

(1) Hold down the ⚙ button of the central controller for at least four seconds.

- During the test run, "TEST" appears on the LCD display.

(2) Press the ○ and | buttons.

- The temperature cannot be adjusted at the "TEST" position.
  Do not use this procedure except when performing a test run since it will strain the equipment.

(3) Upon completion of the operation, press the ⚙ button, and check that "TEST" on the LCD display has gone off.

EG