

Installation Manual for Receiver Kit

(Model: PC-RLH(N)8Q(2), PC-RLH9Q, PC-RLH10Q, PC-RLH11Q1/2, PC-ALH3Q, PC-RLHN12QE)

Please read this document in detail before installation.

Note: this document must be used in the following installation operations and therefore must be well kept by the user.
(Handling and installation) → (wiring) → (trial running) → (user)

Foreword

This product is a general control product and its functions need support of the air conditioning system. Connection with some air conditioning systems may result in failure in some functions described in this IFU. Please consult your dealer for further details.

- When selecting the installation place, first consideration shall be given to the convenience of users and the place must be approved by the user.
Please do not install this product at the following places:
 - Places where there is flying sprays of oils (including mechanical oil) and more vapor, and places where more sulfide gases, such as hot springs, exist (which possibly results in fire and deforming, corroding and damaging the product);
 - Coastal regions with high salt content, and alkaline or acidic environment(possibly result in the product being corroded);
 - Places where children are accessible; ○ Humid places; ○ Places facing towards the air outlet of the air conditioner;
 - Places where there are much flying dust or dust; ○ Places under construction.
- When using devices that release electromagnetic wave, for instance, some medical devices, to prevent the product and connected devices from malfunctioning, do not install the project in such a way that makes the electromagnetic-wave emission face look directly at the product.
 - To prevent the product and its connected devices from impact of electromagnetic wave, please put any device generating electromagnetic wave, such as radios, more than 3 meters away from the product.
 - The product shall be mounted inside an iron box and the connecting cable shall be housed in iron conduct for shielding.
 - In the event that some devices generate any interference at the side of the power source, please install a wave filter etc. to avert such interference.

Safety Summary

- Please read carefully the 【Safety Summary】 before use.
- Issues marked to be paid attention here include two categories: ⚠ 「Warning」 and ⚠ 「Caution」. Issues marked with ⚠ 「Warning」 mean those that may result in serious consequence such as severe injury or death due to wrong installation. Issues marked with ⚠ 「Caution」 refer to those that may also cause serious consequence depending on situations. What is described behind both are important to safety, therefore please observe it.
- After installation, conduct trial running; after confirming that there is no anomaly, please describe the operational and maintenance methods to the user and ask the user to keep well the Operation Manual.

【Meanings of Marks】

- ⚠ Warning: indicate any malfunction man cause severe injury or death.
- ⚠ Caution: indicate any malfunction man cause injury or damage to items.
- ❗ : Indicate a mandatory issue, instructing behaviors of non-specific general users.
- 🚫 : Indicate a forbidden issue.

Installation

Warning	● Please install the product in strict accordance with this Instructions for Use. Otherwise, accidents such as electric shock, fire and falling may happen. ❗ Please install the product at the place that can full bear its weight. Otherwise, any hurt accident may happen due to falling of the product.
	● Please do not install the product at any place where any combustible gas may be generated or come in. Otherwise, accidents such as electric shock and fire may happen. 🚫
	● Begin installing the product only after the power supply is disconnected. Otherwise, electric shock may happen. ❗
Caution	● If the product with the signal receiver is interfered with by external light source such as fluorescent lamp (frequency-varying fluorescent lamp), it may not receive remote control signals normally.

Electric Installation

Warning	● The electric installer shall have qualifications for such construction. Please appoint a qualified dealer to do the job. Otherwise, electric shock may happen. ❗
	● During electric installation, please comply with applicable national standards and the Instructions for Use and make sure a dedicated circuit is used. Otherwise, accidents such as electric shock and fire may happen. ❗
	● Please use the required connecting conductor. Otherwise, fire and electric shock may happen. ❗
	● Cable shall be connected securely and firmly. Any loose connection may lead to heated conductors which may cause fire and electric shock. ❗
	● When the control board of the product or its related device must be taken out due to electric cabling and spot inspection etc., please completely disconnect the power supply first. Otherwise, electric shock may happen. ❗
Caution	● Avoid the communication cable in parallel with the power cable. Otherwise, it may generate interference causing malfunctions.

☐ Indicate it is an item requiring confirmation, adding a tick after confirmation. ☒

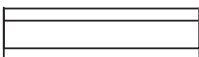
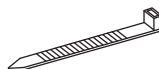
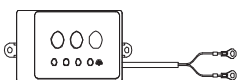
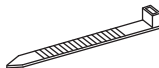
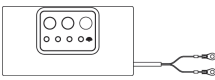
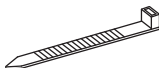
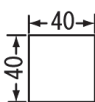
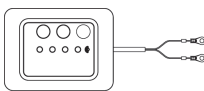
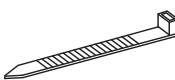
【Suitable Type】

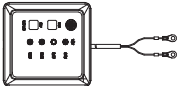
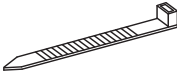
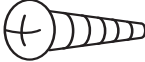
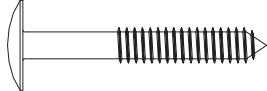
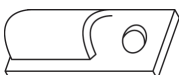
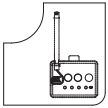
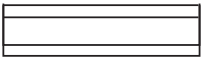
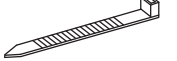
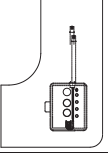
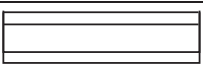
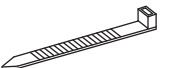
☐ Types of indoor devices suiting the receiver kit

Model of Receiver Kit	Model of Suitable Indoor Unit	
PC-RLH (N) 8Q(2)	4-Way Cassette Type	28~160 (common)
PC-RLH9Q	2-Way Cassette Type	28~160
PC-RLH10Q	Ceiling-suspended type	56~160
PC-RLH11Q/PC-RL11Q1/2	Air-duct-built-in-ceiling type	28~160
PC-ALH3Q	Air-out-in-four-directions embedded type	28~160 (K3)
PC-RLHN12QE	Air-out-in-one-direction embedded type	22~71

【Before Installation】

☐ Please confirm the following accessories are in the package before installation.

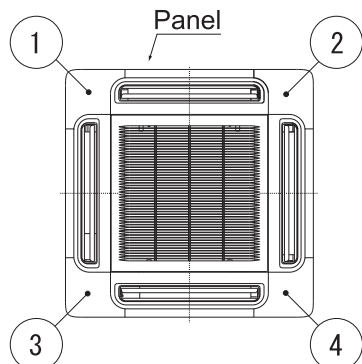
Type	Accessory	Q'ty	Remarks
PC-RLH (N) 8Q(2)	Receiver Kit 	1	With Connecting Cable
	Connecting Cable 	1	For wire connection
	Wiring Cover 	1	For Protection of Connecting Cable
	Plastic Band 	3	For Fixing Wiring Cover and Connecting Cable
PC-RLH9Q	Receiver Kit 	1	Accompanied with the conductors for the indoor unit
	Screw 	2	For fixing the Receiver Kit
	Plastic Band 	2	For Fixing Wiring
PC-RLH10Q	Receiver Kit 	1	Accompanied with the conductors for the indoor unit
	Plastic Band 	1	For tying wirings
	Sealing gasket 	1	For prevent contacting with conductors
PC-RLH11Q	Receiver Kit 	1	Accompanied with the conductors for the indoor unit
	Plastic Band 	1	For tying wirings
	Wood screw 	4	For fixing the Receiver Kit
	Flat screw 	2	For fixing the clamp

	Clamp		2	For fixing wiring
PC-RLH11Q1/2	Receiver Kit		1	Accompanied with the conductors for the indoor device
	Plastic Band		1	For tying wirings
	Wood screw		2	For fixing the Signal receiver
	Flat screw		2	For fixing the clamp
	Screw		2	For fixing the Signal receiver
	Screw		2	For fixing the Signal receiver
	Clamp		2	For fixing wiring
	Screw		2	Fix the snap-ring holder assembly
	Snap-ring holder assembly		2	For fixing the Signal receiver
PC-ALH3Q	Receiver Kit		1	Provided with conductors
	Connecting Cable		1	For wire connection
	Wiring Cover		1	For protection of relay connector
	Plastic Band		3	For fixing the wiring protective cover and the relay connector
PC-RLHN12QE	Receiver Kit		1	Provided with conductors
	Connecting Cable		1	For wire connection
	Wiring Cover		1	For protection of relay connector
	Plastic Band		1	For fixing the wiring protective cover and the relay connector
Common	Operation Manual		1	—
	Installation Manual		1	—

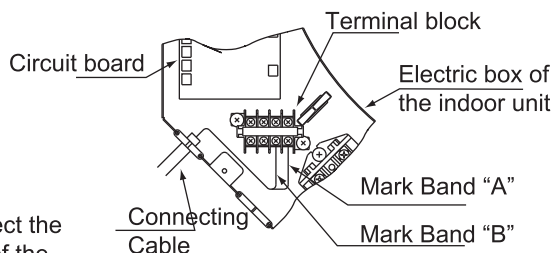
【Key Points for Installation】

● Installation of PC-RLH (N) 8Q(2)

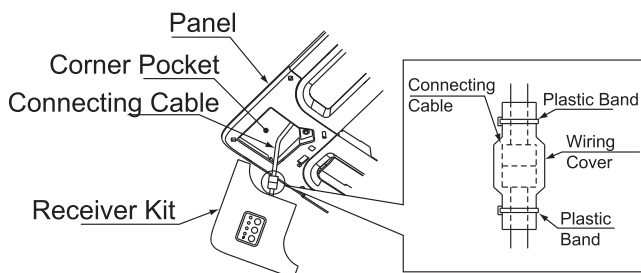
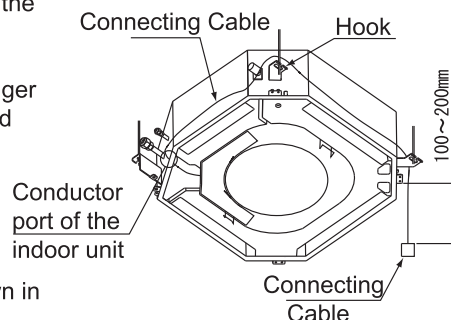
- 1) Please install the receiver kit while installing the indoor unit and the panel.
- 2) When the receiver kit is installed after the indoor unit and the panel were installed, power it off and then remove the panel before installing the receiver.
- 3) The receiver kit can be installed at any corner of ①②③④ on the panel. If it will be used for a few units, the installation direction and place shall be determined after discussion with the user.



Note) SW3 of the receiver can be used to set functions; please set the functions before installing the panel by referring to the instructions in Page 16.

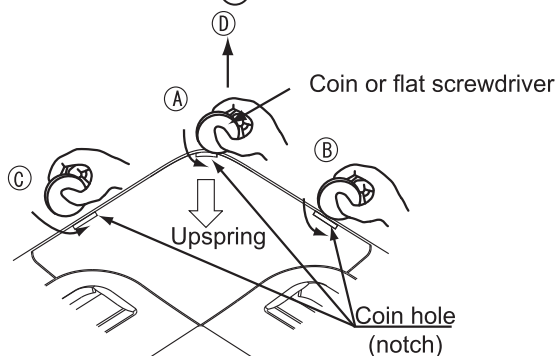


- 4) Remove the cover of the electric box of the indoor unit, and connect the attached relay connector to the terminal block of the electric box of the indoor device as shown in the right figure.
- 5) After the attached connecting cable is connected to the terminal block, draw the connecting cable from the wiring inlet of the indoor device into the ceiling or to the outside of the outdoor device, then draw the connecting cable to the place where the receiver is to be installed, referring to the indoor device's instructions. Move the connecting cable through the hanger of the indoor device to the place where the receiver is to be installed. And reserve a 100 ~ 200 mm long connecting cable at the relay connector.
- 6) Install the selected panel
Please refer to the panel's Instructions for Installation for the installation method.
- 7) After the panel is installed, begin installing the receiver kit.
Draw the connecting cable out of the corner pocket of the panel as shown in the figure below, and connect the conductor of the receiver kit to the connector of the connecting cable. After the connector is connected, wrap tightly the connector with the attached conductor sleeve and fix it with a wire buckle.



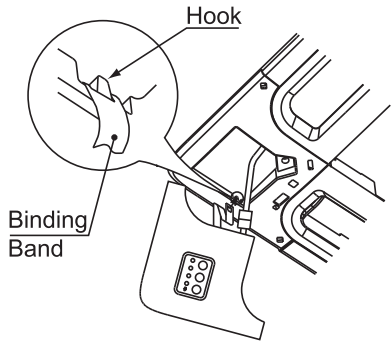
● How to take it out

- ① Insert a coin or a flat screwdriver in the coil hole on the site (A) of the corner box's protective cover, screw it downward and the corner box's protective cover upsprings. In this case, insert the coin or a flat screwdriver in the coin holes on (B) and (C), screw it downward, the protective cover upsprings like (A). when 3 snap springs pops up, pull them out in the direction (D).



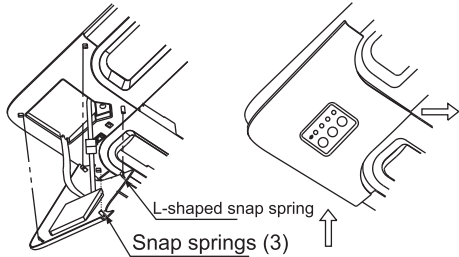
②As shown in the figure below, hang the binding band on the back of the receiver kit on the hook of the panel.

Note) Make sure the binding band is hung on the hook. Otherwise, the receiver possibly falls off and hurts people when it is taken out.



③While pressing the conductor, insert the L-shaped snap spring on the back of the receiver kit in the corner pocket, and then press the remaining 3 snap springs in the corner pocket in the direction of the arrow.

Note) make sure the L-shaped snap spring on the back of the receiver kit is hung on the panel. If it is not hung on, other snap spring may be damaged.



□8) After the receiver kit is installed, begin installing the protective cover of the corner pocket of the panel (3 sites). For the installation method, see the panel's Instructions for Installation.

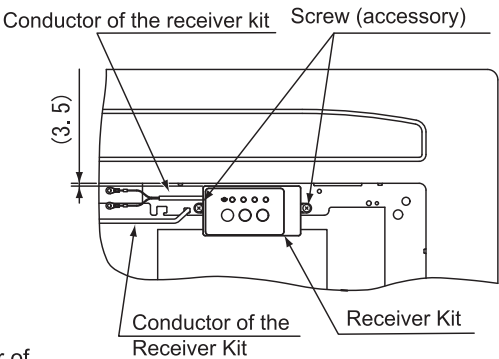
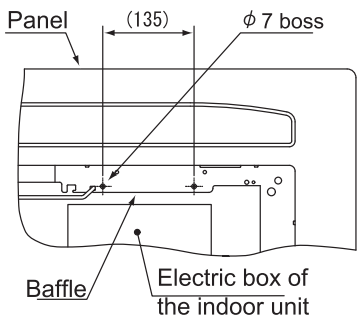
Note) when the receiver kit is installed, a corner pocket will leave unused.

●Install PC-RLH9Q

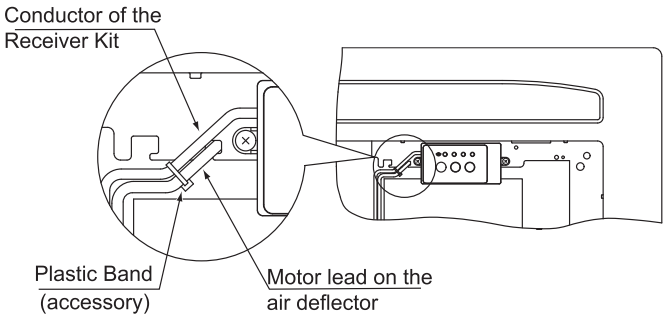
- 1) Please install the receiver kit while installing the indoor unit and the panel.
- 2) When the receiver kit is installed after the indoor unit and the panel were installed, make sure the indoor unit is powered off first. □
- 3) Dismantle the air-suction grating from the panel. The detailed method to dismantle the air-suction grating is presented in the panel's Instructions for Installation.

After the receiver kit is stuck on the $\Phi 7$ boss of the baffle of the panel, fix it with 2 screws at the tightening torque of 0.8 N.m.

Keep an eye on the direction during installation.



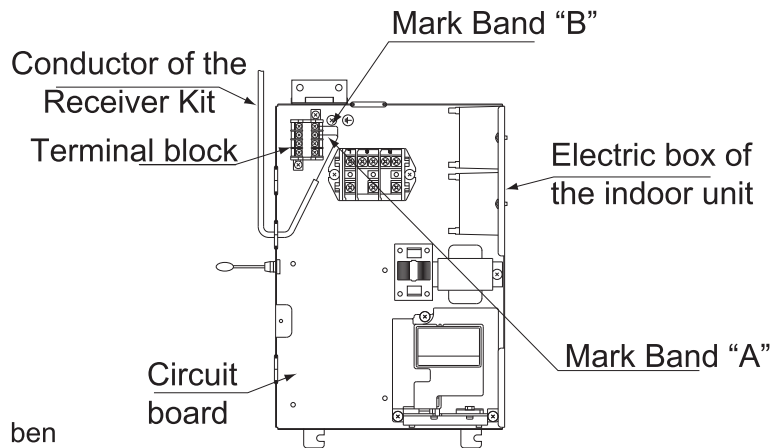
□5) Put the conductor of the receiver kit in parallel with the conductor of the air deflector, draw them to the electric box, and as indicated in the figure below, use the wire buckle (accessory) to tie it with the conductor of the air deflector.



- 6) Remove the cover of the electric box of the indoor unit.

As shown in the figure below, the conductor of the signal receiver is connected to the terminals A and B (no polarity) of the terminal block in the electric box.

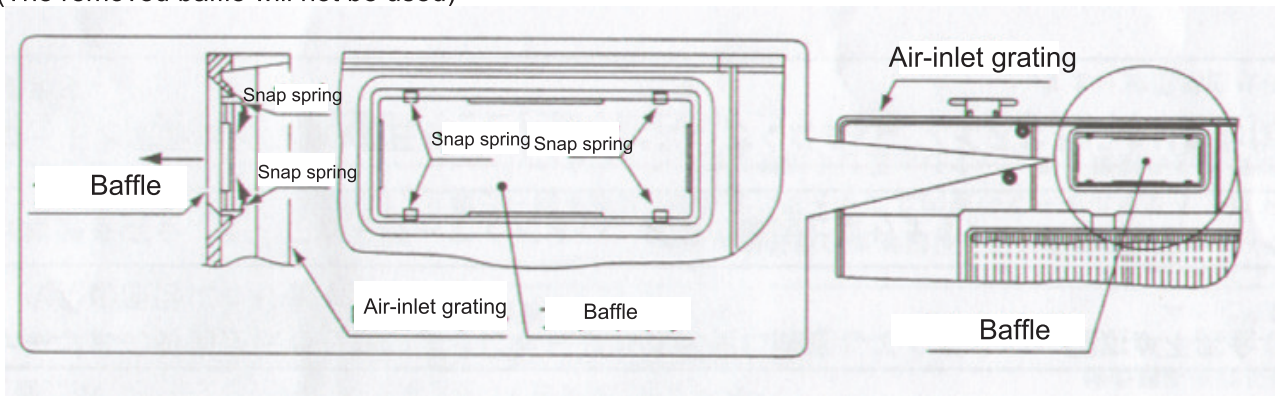
Note) when the conductor of the signal receiver is connected, the surplus conductor shall be tied with the wire buckle and then put in the electric box.



- 7) Remove the baffle of the air inlet grating

From the internal side of the air-inlet grating, bend 4 snap springs of the baffle inwards

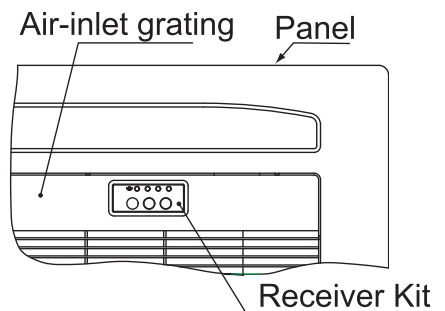
(The removed baffle will not be used)



- 8) After the panel is installed, mount the air-inlet grating on the panel.

In installation, the corner hole of the air-inlet grating (where the baffle is located) shall be aligned with the signal receiver and attention shall be paid to that it does not contact the conductor of the signal receiver.

Note): If the air intake grating contacts the conductor of the signal receiver, it may result in that it is hard to dismantle the air intake grating.



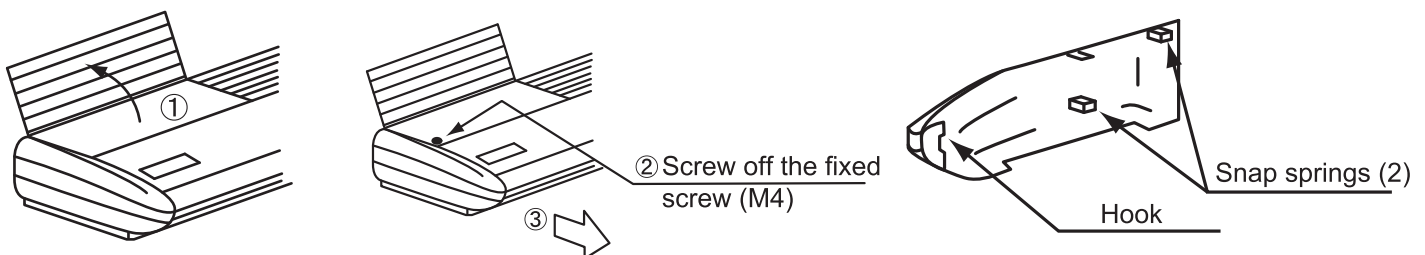
● Install PC-RLH10Q

- 1) Please install the signal receiver while installing the indoor unit.

- 2) When the receiver kit is installed after the indoor unit was installed, make sure the indoor unit is powered off first.

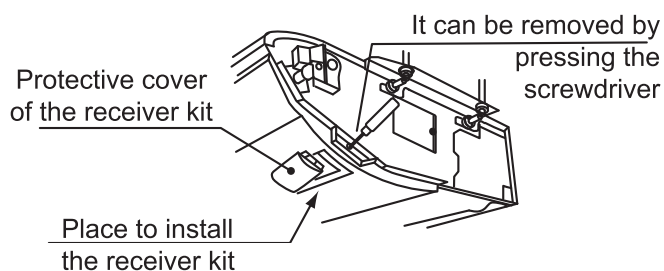
- 3) Take off the plate on the right side of the indoor unit

① Open the air-inlet grating; ② loosen the fixed screw (M4); ③ press the side plate toward the front side so that it is detached from the snap spring and the hook, and then remove the side plate.

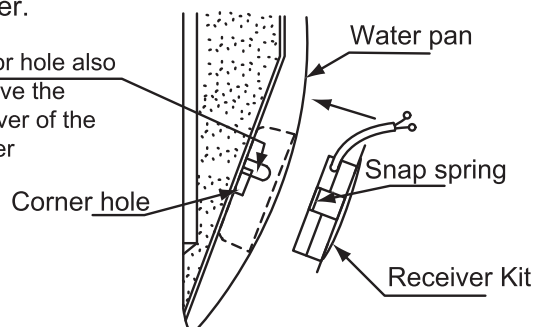


□4) Remove the remote control cover from the water pan.

Insert the screwdriver and a round rod of $\Phi 5$ and below etc. into the installation hole of the remote control cover at the lower right side of the water pan, and open the remote control cover.

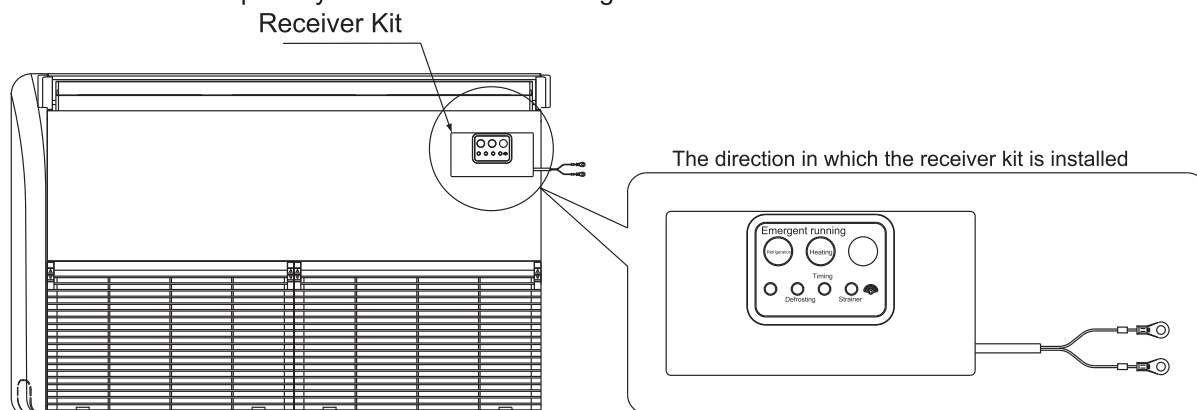


The conductor hole also used to remove the protective cover of the signal receiver



□5) Place the receiver kit in the water pan

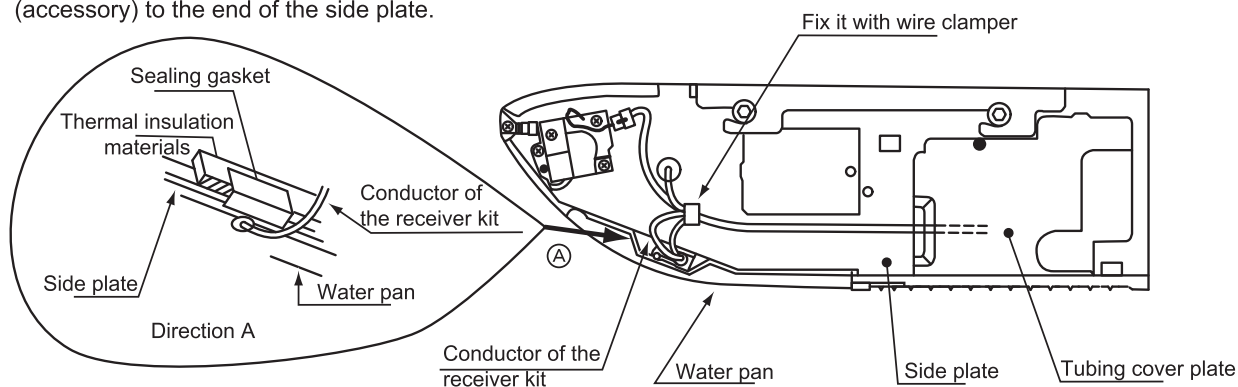
Insert the snap spring of the signal receiver in the corner hole of the water pan to draw the conductor out of the conductor hole. Keep an eye on the direction during installation.



Note: when the conductor of the receiver kit is connected, the surplus conductor shall be tied with the wire buckle and then put in the electric box.

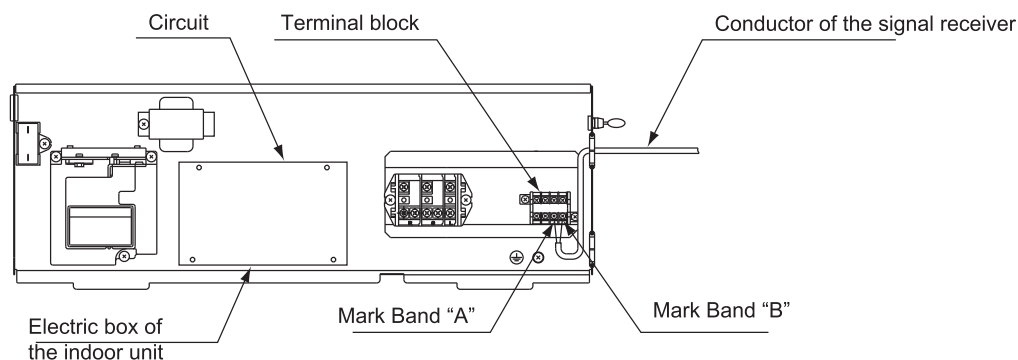
□6) Along the gap between the side plate and the tubing cover plate, put and draw the conductor of the receiver kit and other conductors in parallel to the electric box.

To prevent the conductor of the receiver kit from contacting the end of the side plate, affix the sealing gasket (accessory) to the end of the side plate.

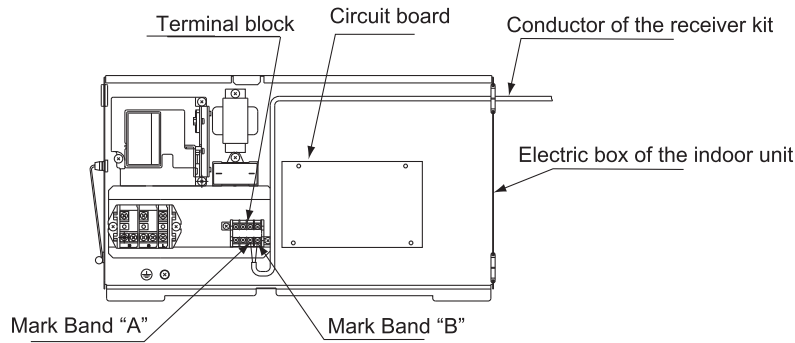


□7) Remove the cover of the electric box. As shown in the figure below, the conductor of the receiver kit is connected to the terminals A and B (no polarity) of the terminal block in the electric box.

Note) when the conductor of the receiver kit is connected, the surplus conductor shall be tied with the wire buckle and then put in the electric box.



Suspended ceiling: type 56 ~ 80 electric box



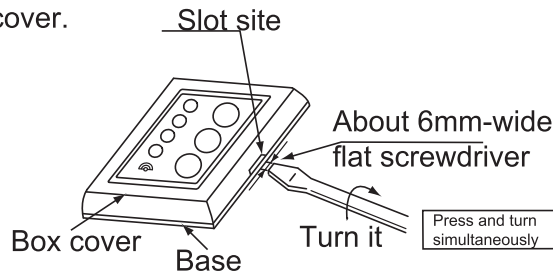
Suspended ceiling: type 112, 140 electric box

● Install PC-RLH11Q

- 1) Please install the receiver kit while installing the indoor unit.
- 2) When the receiver is installed after the indoor unit was installed, make sure the indoor unit is powered off first.
- 3) The range of the location to install the receiver kit shall be limited to the length of the supplied conductor (5m).

□4) Open the cover of the receiver kit

As shown in the figure below, insert a about 6mm-wide flat screwdriver in the slot and then turn it to open the receiver kit cover.

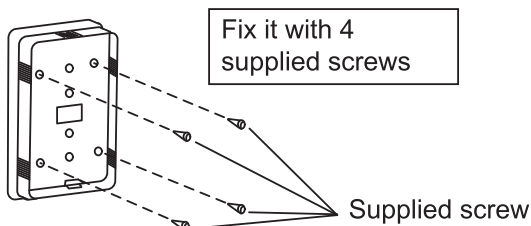


□5) Open the cover of the receiver kit

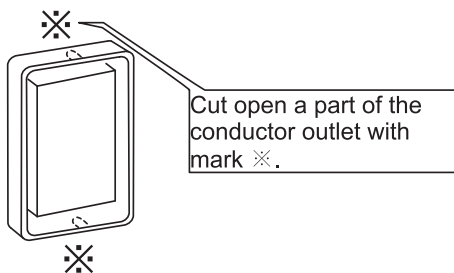
As shown in the figure below, insert a about 6mm-wide flat screwdriver in the slot and then turn it to open the signal receiver cover.

A. When the body and the conductor come out

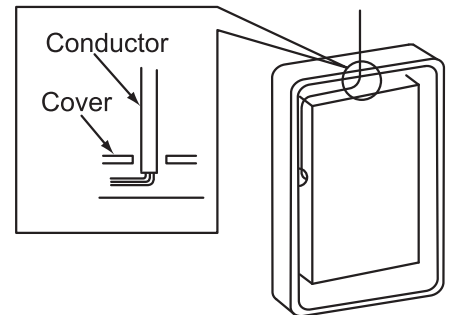
① Install the base



② Determine the direction of the conductor and open the conductor outlet of the protective cover by cutting.

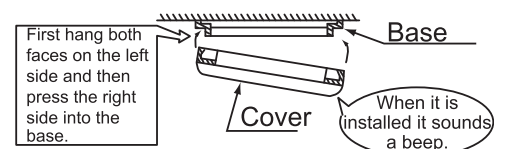
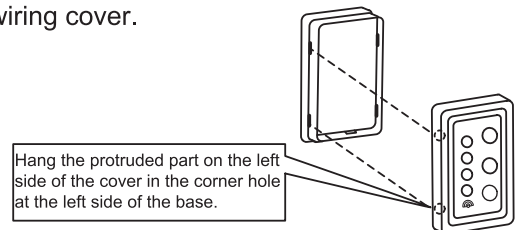


③ Place the conductor in the trunking along the periphery of the wiring cover to draw the conductor to the conductor outlet.



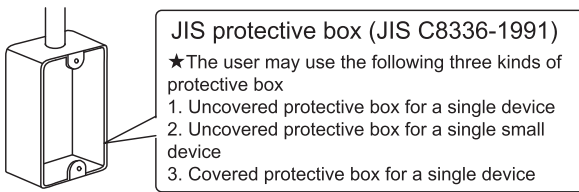
④ Install

Note: do not hold the conductor between the base and the wiring cover, and take care of the direction of the wiring cover.



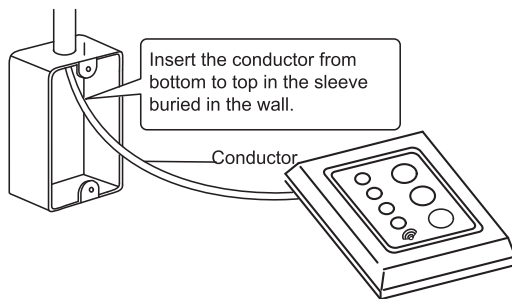
B. when the body comes out
and the conductor is buried

Prepare the protective box at site

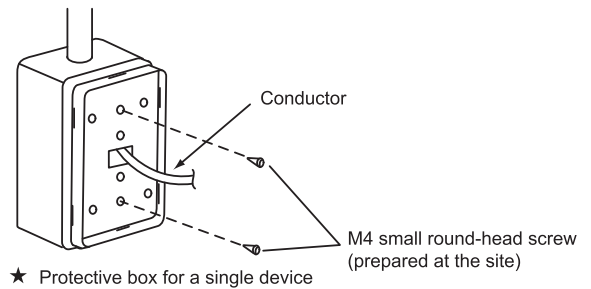


- Conductor conduit (inner diameter at least $\phi 20$)
- M4 round-head screw

② Insert the conductor in the conductor conduit

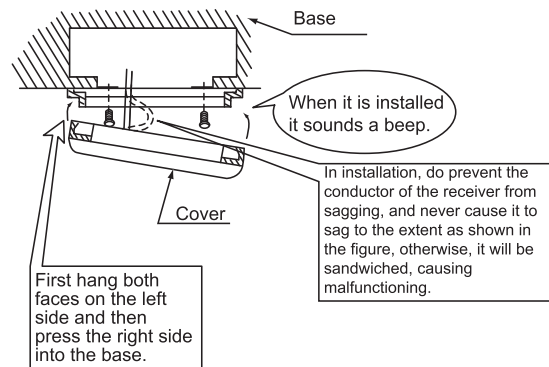


③ Fix the base



④ Install

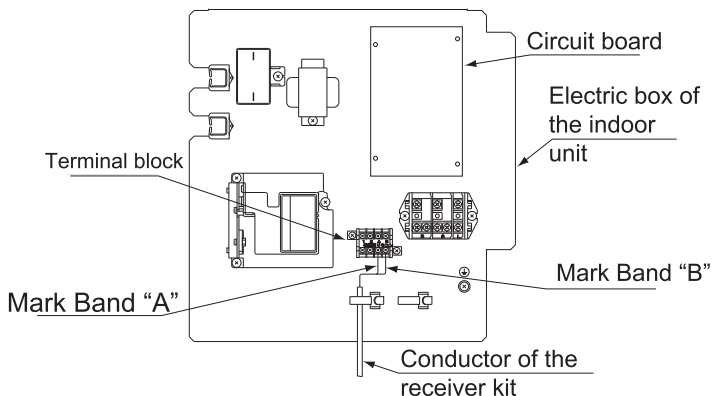
Note: do not hold the conductor between the base and the wiring cover, and take care of the direction of the wiring cover.



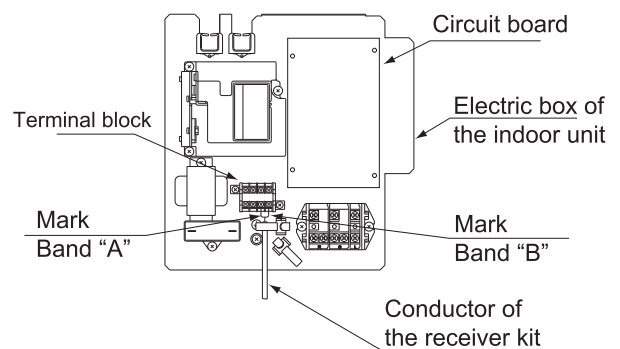
□6) Remove the cover of the electric box of the indoor unit

As shown in the figure below, the conductor of the receiver kit is connected to the terminals A and B (no polarity) of the terminal block in the electric box.

Note) when the conductor of the receiver kit is connected, the surplus conductor shall be tied with the plastic band and then put in the electric box.



For the air-duct-built-in-ceiling type: electric box type RPI-80~140

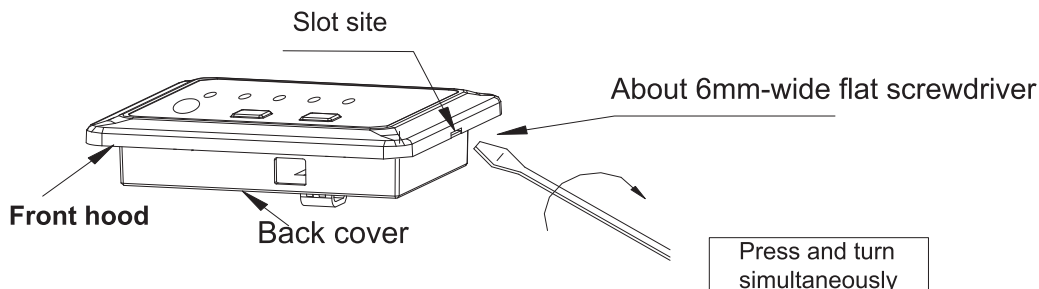


For the air-duct-built-in-ceiling type: electric box type RPI-28~71

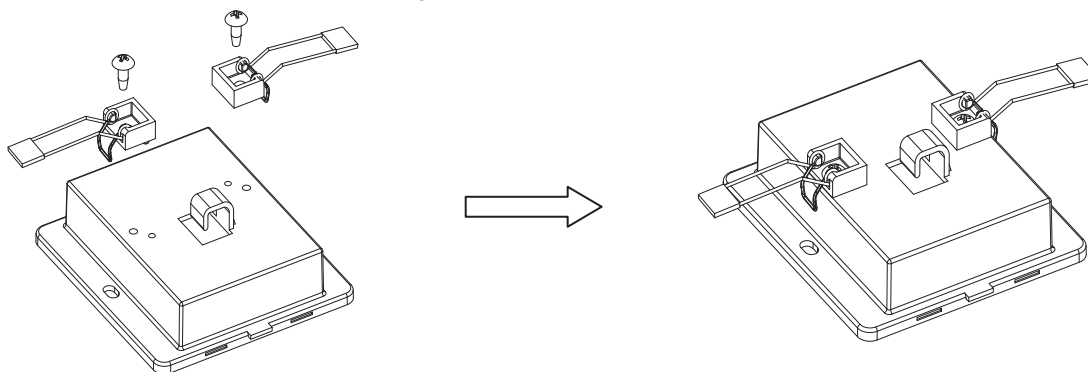
●Install PC-RLH11 Q1/2

- 1) Please install the receiver kit while installing the indoor unit.
- 2) When the receiver is installed after the indoor unit was installed, make sure the indoor unit is powered off first.
- 3) The range of the location to installed the receiver kit shall be limited to the length of the supplied conductor (5m).
- 4) Open the cover of the receiver kit

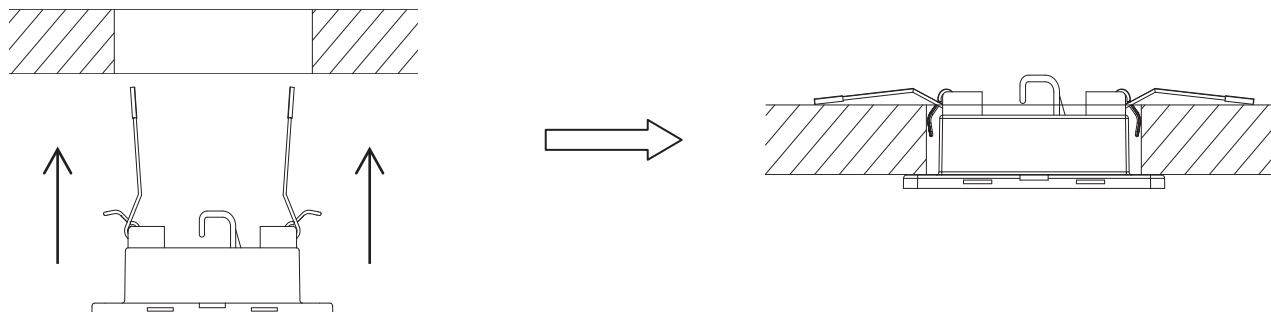
As shown in the figure below, insert a about 6mm-wide flat screwdriver in the slot and then turn it to open the receiver kit cover.



It needs to be fixed with the snap spring. Fix, as shown in the figure below, the snap-ring holder assembly and the back cover of the receiver kit together.

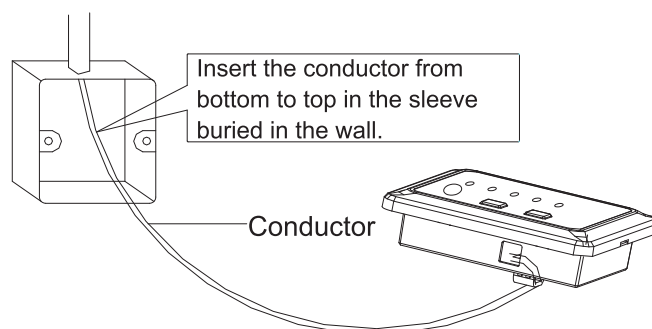
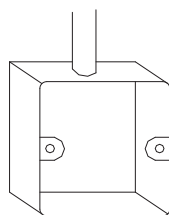


At the installation site, cut a proximately 93 mm X 73mm rectangular hole, and then embed the receiver kit, using the snap spring, on the ceiling as shown in the figure below.



Fixing requiring no snap spring, just conduct the following steps:

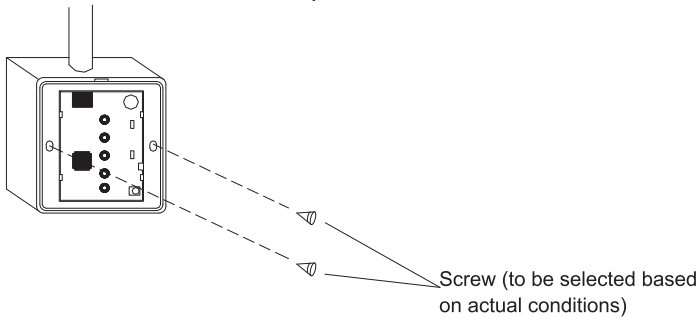
- ① Directly install it on the suspension structure of the ceiling (use the screws to directly fix the back cover on the suspension structure) or prepare the protective box at site.
- ② Insert the conductor in the conductor conduit



- Conductor conduit (inner diameter at least $\phi 20$)
- M4 round-head screw
- Take care of protective measures required for installation (waterproofing, foreign matters, animals etc.)

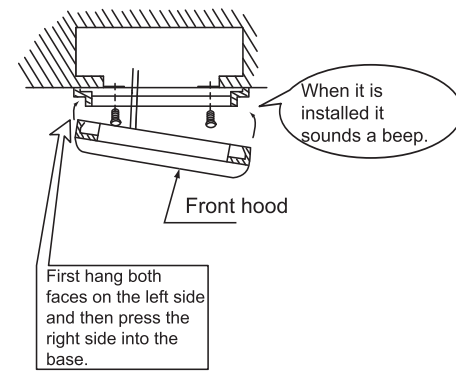
③ Fix the base

Note: during installation and screw fixing, do not contact any component on the circuit board, and do not let the screw press the conductor.



④ Install

Take care of the direction of the protective cover, and do not apply too large force to close the cover.



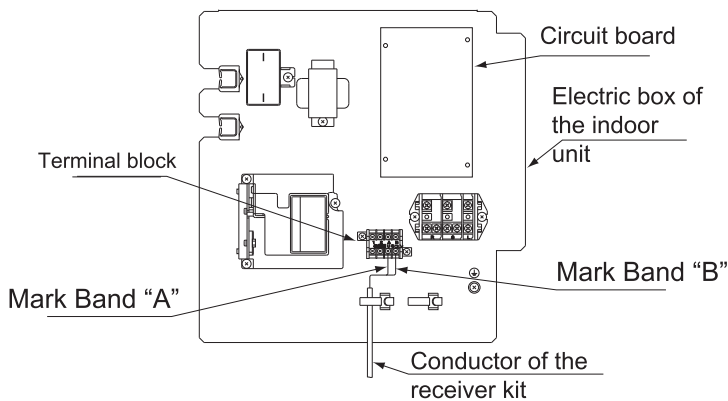
Notes: ● The recommended dimensions for the protective box is 99.5 X 92.5 X 35 mm and the fixing holes are 78 mm distant on centers.

- The transparent plastic protective film attached on the panel of the receiver can be removed during normal use if required by the user;
- If the base plate has to be removed from the back cover in some special cases, use a 6mm-wide flat screwdriver to pry out through the gap on the right side of the base plate and do not apply brute force which may damage the base plate.
- When installing the base plate back to the back cover, first collate the conductors, and then find the mark "ON/OFF" on the back cover; align the mark with the on/off position SW1 on the base plate; tilt the base plate, first insert the left side of the base plate under two "Snap position" and then forcefully clip the right side of the base plate into two "Snap position" at the right side.
- Note: if you do not operate as per the required sequence, it may cause difficulty to install or remove the base plate.

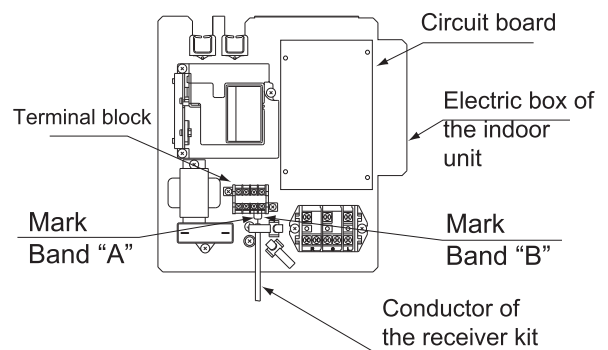
□5) Remove the cover of the electric box of the indoor device

As shown in the figure below, the conductor of the receiver kit is connected to the terminals A and B (no polarity) of the terminal block in the electric box.

Note) when the conductor of the receiver kit is connected, the surplus conductor shall be tied with the wire buckle and then put in the electric box.



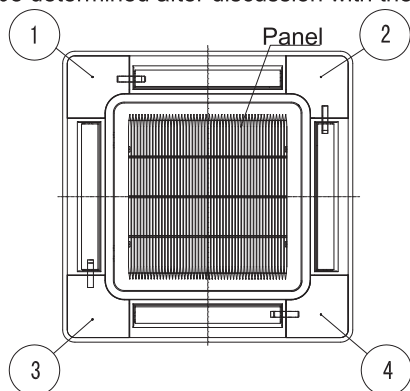
For the air-duct-built-in-ceiling type: electric box type RPI-80~140



For the air-duct-built-in-ceiling type: electric box type RPI-28~71

● Install PC-ALH3Q

- 1) Please install the receiver kit while installing the indoor device and the panel.
- 2) When the receiver kit is installed after the indoor unit and the panel were installed, power it off and then remove the panel before installing the receiver.
- 3) The receiver can be installed at any corner of ①②③④ on the panel. If it will be used for a few devices, the installation direction and place shall be determined after discussion with the user.

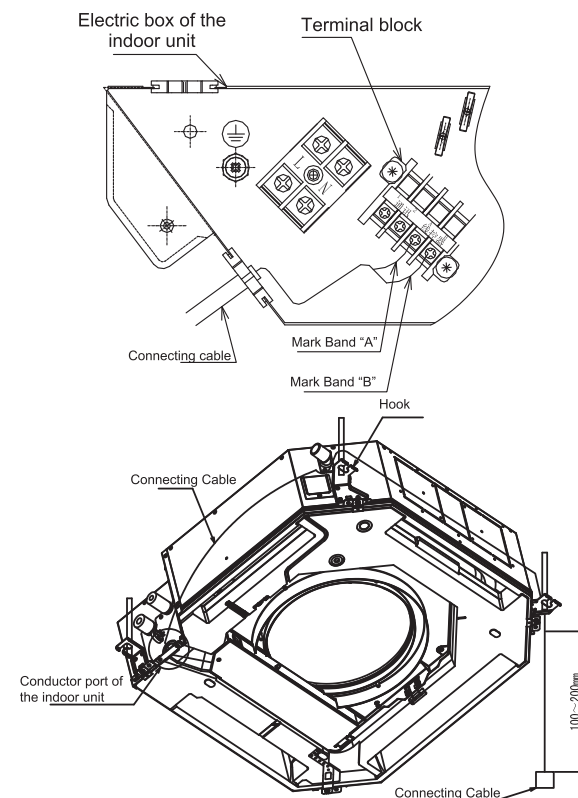


Note) SW3 of the receiver can be used to set functions; please set the functions before installing the panel by referring to the instructions in Page 16.

- 4) Remove the cover of the electric box of the indoor unit, and connect the attached connecting cable to the terminal block of the electric box of the indoor unit as shown in the right figure.

- 5) After the attached connecting cable is connected to the terminal block, draw the connecting cable from the wiring inlet of the indoor unit into the ceiling or to the outside of the outdoor unit, then draw the connecting cable to the place where the receiver is to be installed, referring to the indoor unit's instructions. Move the connecting cable through the hanger of the indoor unit to the place where the receiver is to be installed. And reserve a 100 ~ 200 mm long connecting cable at the relay connector.

Note): when connecting the connecting cable, the wire buckle shall be used to bind surplus conductor inside the ceiling or on the outside of the indoor unit.

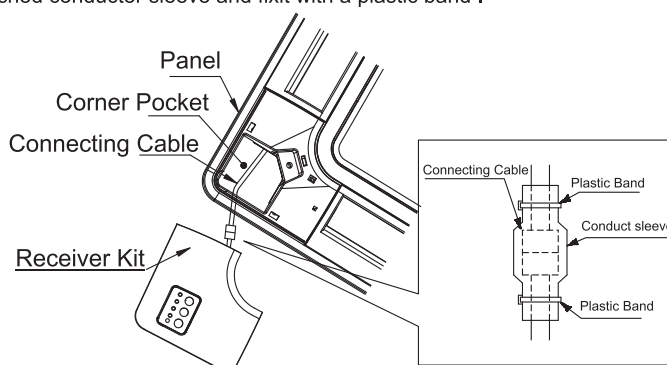


- 6) Install the selected panel

Please refer to the panel's Installation Manual for the installation method.

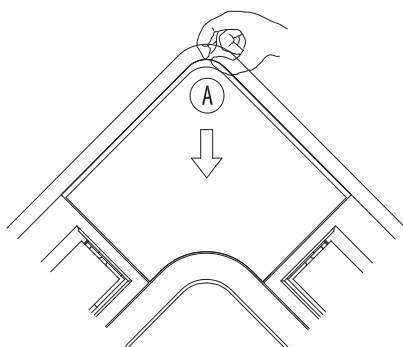
- 7) After the panel is installed, begin installing the receiver kit.

Draw the connecting cable out of the corner pocket of the panel as shown in the figure below, and connect the conductor of the receiver kit to the connector of the connecting cable. After the connector is connected, wrap tightly the connector with the attached conductor sleeve and fix it with a plastic band.



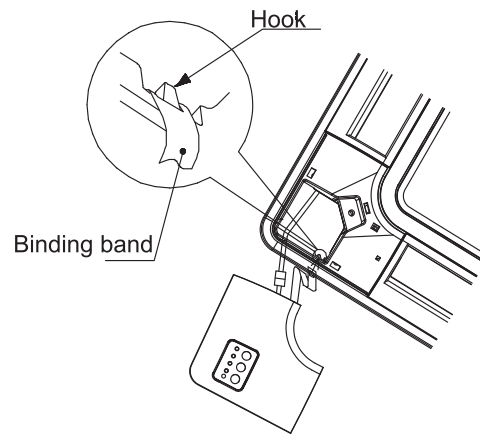
● How to take it out

- ① Insert a flat screwdriver or directly a finger in the site ① of the wiring cover of the corner pocket, apply gentle force in the direction of the arrow and the wiring cover of the corner pocket will upspring.



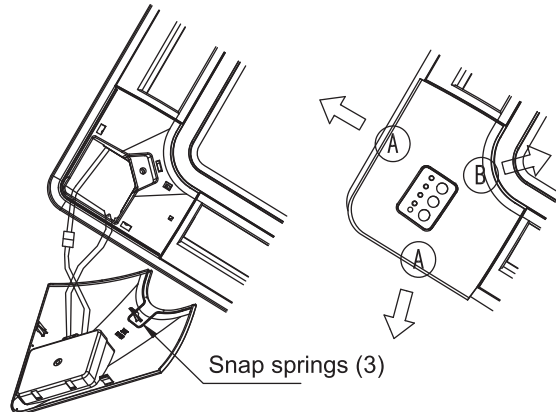
②As shown in the figure below, hang the binding band on the back of the receiver kit on the hook of the panel.

Note) Make sure the binding band is hung on the hook. Otherwise, the receiver possibly falls off and hurts people when it is taken out.



③While pressing the conductor, insert 3 snap springs of the signal received in the corner pocket into the direction of the arrow; press gently the snap springs A first and then B into the corner pocket.

Note) make sure first press two snap springs A and then snap spring B; opposite sequence may damage other snap springs.



□8) After the receiver kit is installed, begin installing the protective cover of the corner pocket of the panel (3 sites). For the installation method, see the panel's Installation Manual.

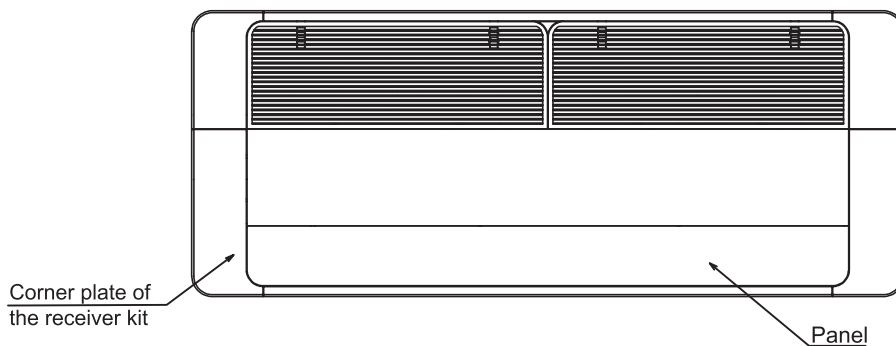
Note) when the receiver kit is installed, a corner pocket will leave unused.

●Install PC-RLHN12QE

□1) Please install the receiver kit while installing the indoor device and the panel.

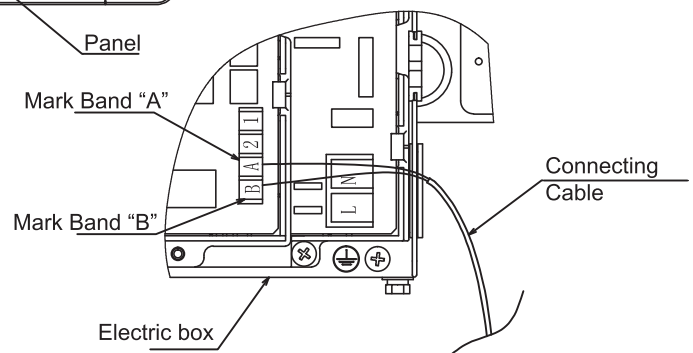
□2) When the receiver kit is installed after the indoor device and the panel were installed, power it off and then remove the panel before installing the receiver.

□3) The receiver kit can be installed only at the corner plate of the receiver kit on the panel. Please confirm the location before installation.

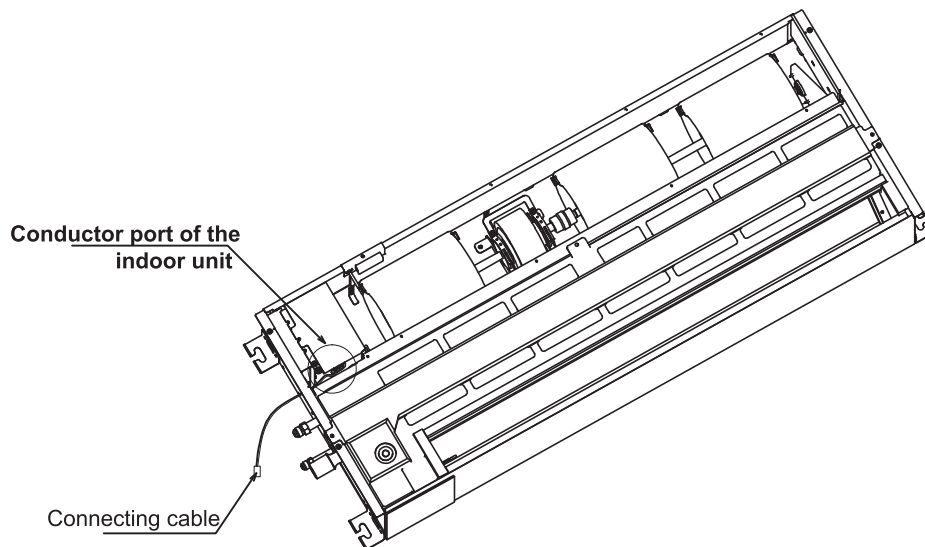


□4) Remove the electric box cover of the indoor unit, Connect the supplied relay connector to the terminal block of the electric box of the indoor unit as shown in the right figure.

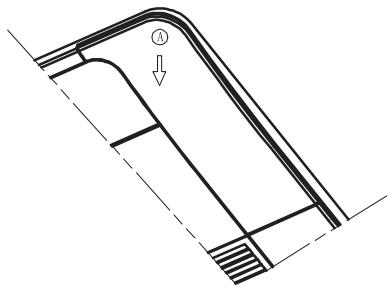
□5) After the supplied relay conductor is connected to the terminal block, connect the conductor of the indoor unit.



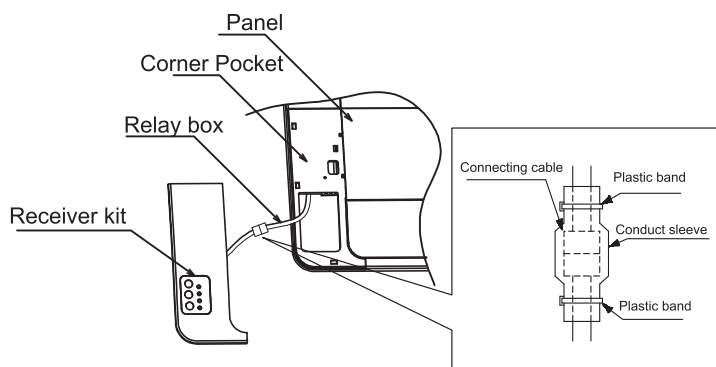
Note): when connecting the connecting cable, the surplus conductor shall be bound inside the ceiling or on the outside of the indoor unit.



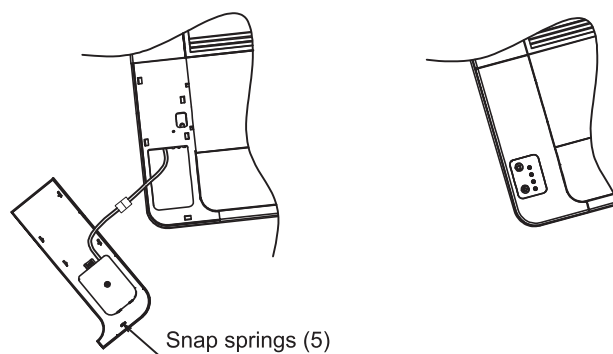
- 6) Installed the selected panel, in accordance with the panel's Installation Manual.
- 7) After the panel is installed, dismantle the corner plate for installation of the receiver, as shown at Site A in the figure below, and then install the receiver kit.



- 8) Draw the connecting cable out of the corner pocket of the panel as shown in the figure below, and connect the conductor of the receiver kit to the connector of the relay conductor. After the connector is connected, wrap tightly the connector with the attached conductor sleeve and fix it with a plastic band .



- 9) Place the corner plate of the receiver inside the corner pocket and press it gently, referring to the panel's Installation Manual.



【Set the Receiver Kit】



Warning

Before setting the dial switch of the receiver, make sure it is really powered off, otherwise, it may cause electric shock.

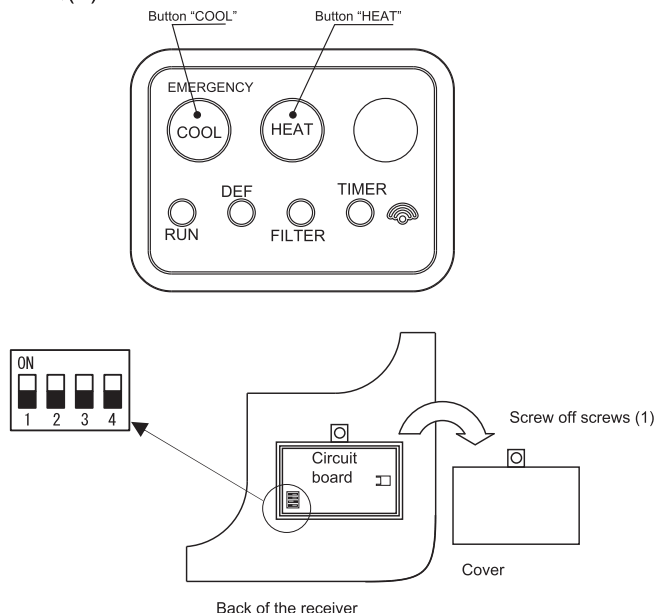


□ Buttons and the dial switch of the receiver kit

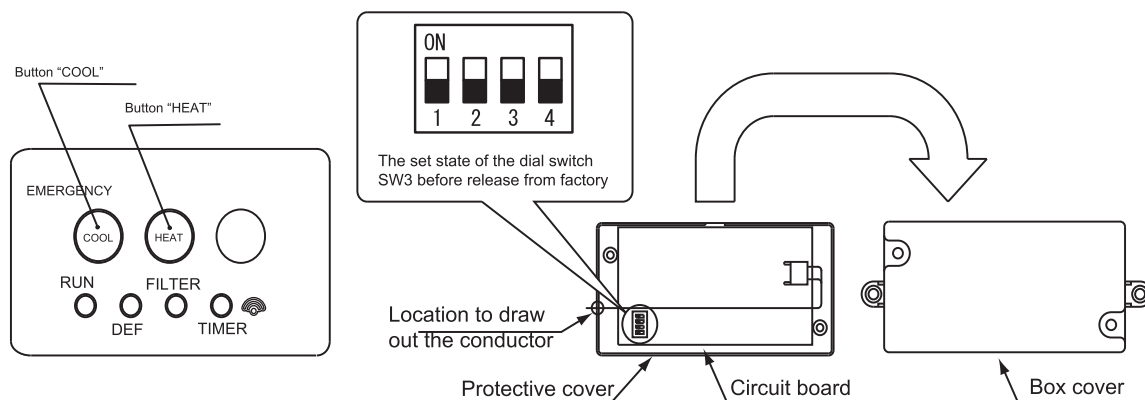
□ 1) The signal receiver and its dial switch are located as shown in the figure below.

Note) after the dial switch is set, keep an eye on the location to draw out the conductor when installing the box cover.

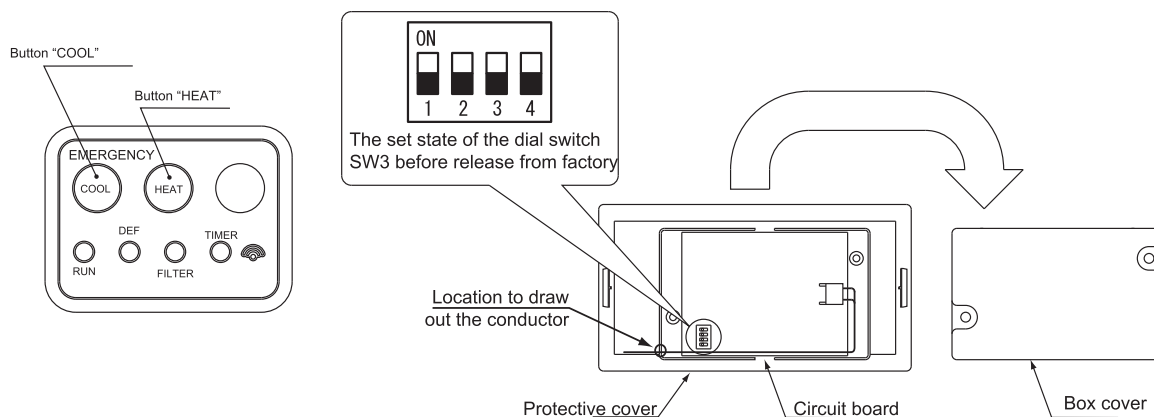
● PC-RLH N8Q(2)



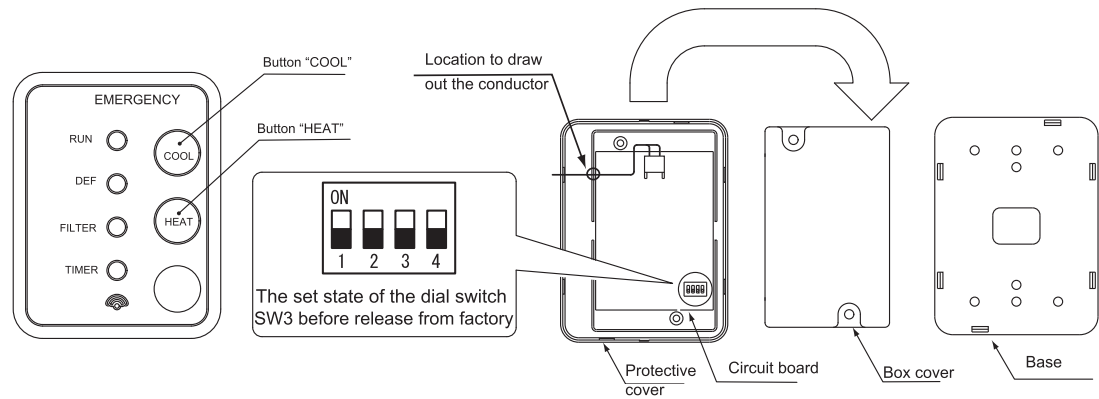
● PC-RLH9Q



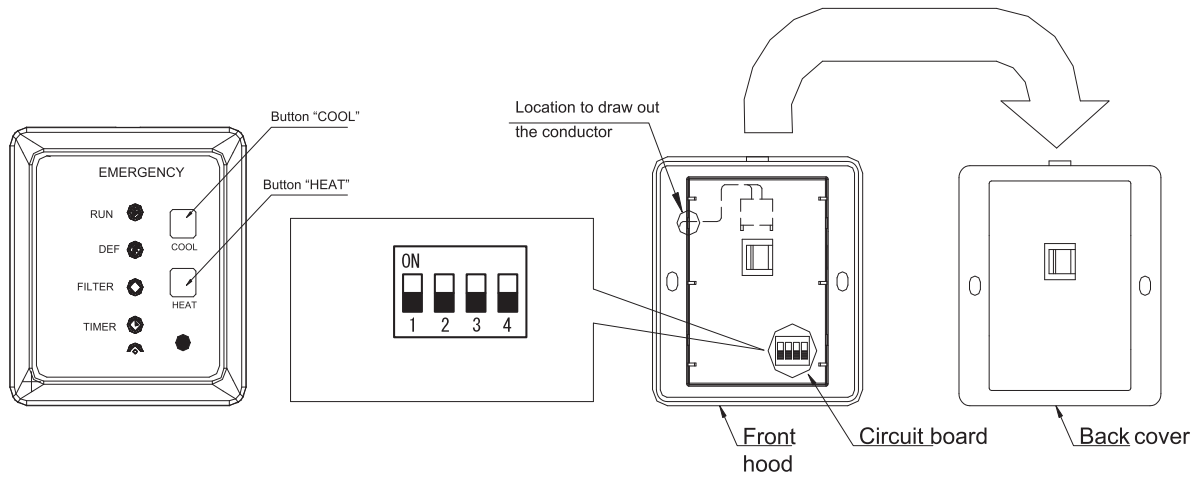
● PC-RLH10Q



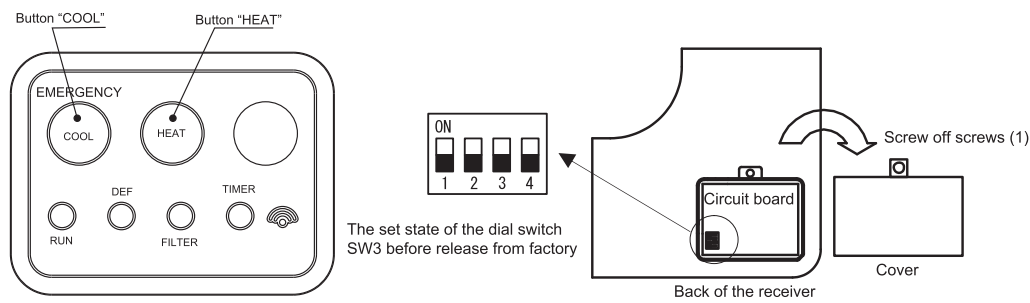
●PC-RLH11Q



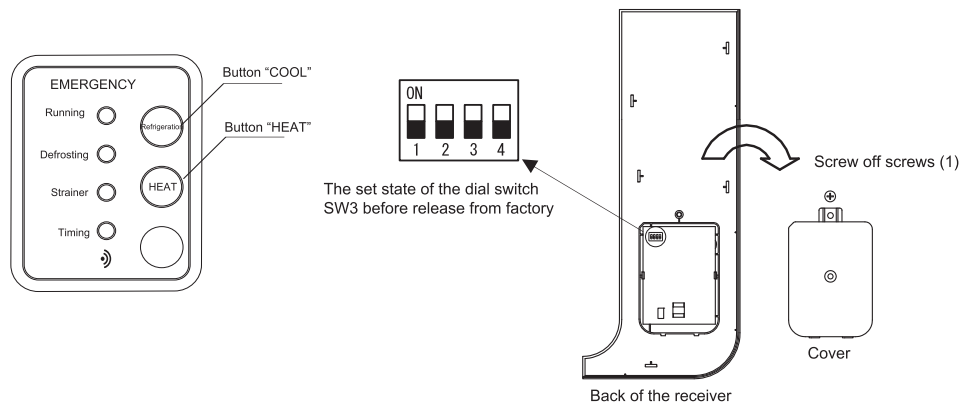
● PC-RLH11Q1/2



●PC-ALH3Q



●PC-RLHN12QE



□2)Buttons [COOL] and [HEAT] are for emergency operation. It will be used for compulsory running when the remote control's battery runs out.

Button “COOL”: Press “COOL” so that the cooling operation is started; Press “COOL” again so that the cooling operation is stopped.

Button “HEAT”: Press “HEAT” so that the heating operation is started. Press “HEAT” again so that the heating operation is stopped.

Note) during emergency operation, the yellow indicating light on the receiver is flickering in the cycle of 0. 5 second on/0.5 second off.

□3) The dial switch (SW3) is optional for function setting and when needed, shall be set as per the following requirements.

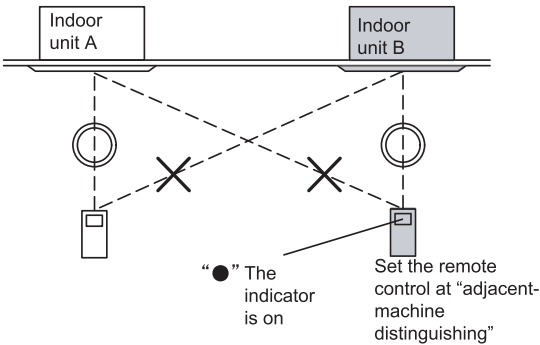
Item	Dial switch (SW3)				Function
	1	2	3	4	
Set master/slave	○	×	×	×	When using 2 remote controls, set to switch between the master remote control (set as OFF)/the slave remote control (set as ON)
Set to distinguish from adjacent device	×	○	×	×	When ON is set, it is at the mode B of the wireless remote control (distinguish from adjacent devices).

“○” : Indicate ON; “×

【Adjacent-machine-distinguishing control mode】

Note) “Adjacent-machine-distinguishing control” mode cannot be used in the following case: Multiple-device simultaneous running mode is set.

When two indoor unit are set adjacently, sometimes, both indoor unit may receive signals from the remote control simultaneously. To ensure both indoor unit are operated properly, the receiver kit of one of them may be set at the mode [Adjacent-machine-distinguishing control]. For example, for two indoor unit A and B as shown in the right figure, set B at the mode [Adjacent-machine-distinguishing control].



【Method to set the adjacent-machine-distinguishing control mode】

□1) Set the receiver kit
Set the button #2 of the dial switch (SW3) on the signal receiver of the indoor device B (object to be set) to the side ON.

□2) Set the wireless remote control
Set it by referring to the wireless remote control's Instructions for Use.

【Method to cancel the adjacent-machine-distinguishing control mode】

□1) Set the receiver kit
the adjacent-machine-distinguishing control mode can be cancelled just by setting the button #2 of the dial switch (SW3) on the signal receiver to the side OFF.

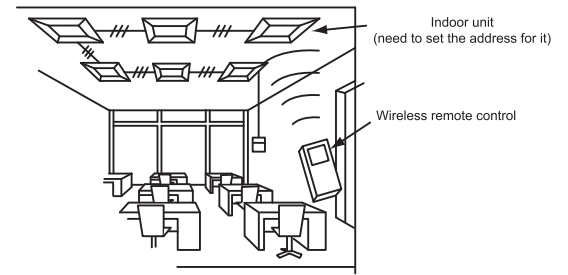
□2) Set the wireless remote control
Cancel it by referring to the wireless remote control's Operation Manual.

【About simultaneous control of multiple units】

□ One remote control can be used to control simultaneously a number of indoor unit (up to 16 devices).

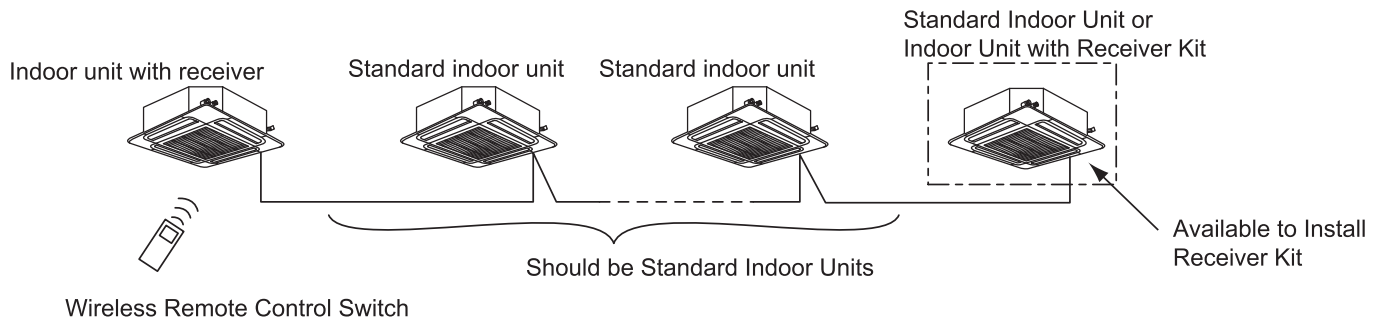
When a number indoor devices are installed in a large room, one single remote control can be used to run and stop all these devices.

Note): when a number of units are under simultaneous control, all their indoor devices shall be placed in the same room. If using one remote control to control air-conditioners in more than two rooms, it is possible to forget to close one.



【Set the Receiver Kit】

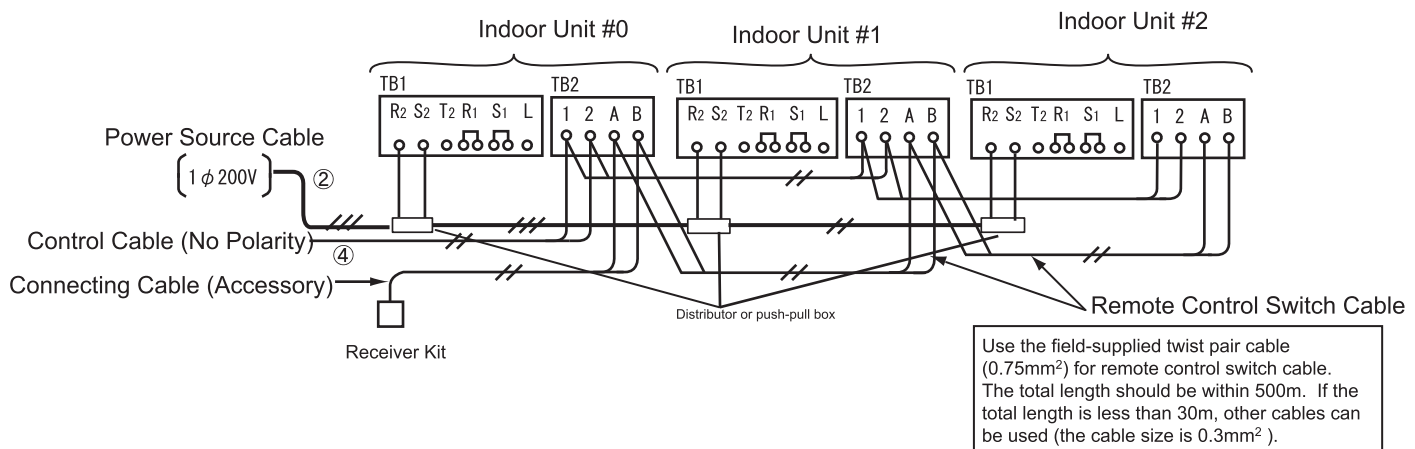
□ When a wireless remote control is used to control running/stop of a number of indoor unit, it just needs to install the receiver kit on the control object while other indoor devices are standard. However, within the same system, the receiver kits can be only installed on at most two indoor devices.



【Methods for conductor connection and setting for the purpose of simultaneous control of multiple units】

□ 1) Method to connect conductors between indoor units

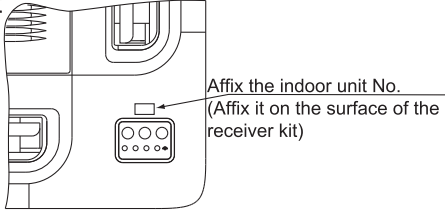
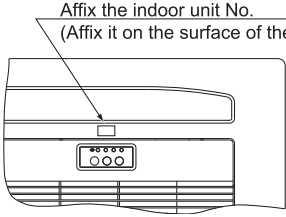
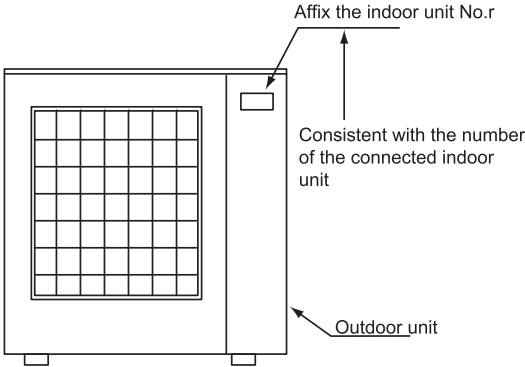
Perform the connection work as following figure.



□ 2) The remote control's signal conductors of all units shall be in parallel with the power conductor within the device, and shall be fixed with wire buckle at key places. The distance between the signal conductor and the power conductor shall be at least 30 mm outside the devices. Or, put the signal conductor through the protective sleeve one end of which shall be grounded. When a shielded signal conductor is used, one end of the shielding net shall be grounded.

□ 3) Set addresses of all indoor devices.

□4) After the rotary switch is set, affix the indoor unit No. nameplate supplied with the remote control on the device at the location as shown in the figure below.

Location to affix the device-number name plate of the indoor unit	Location to affix the device-number name plate of the indoor unit
①For air-out-in-four-directions embedded type of indoor unit  ② For air-out-in-two-directions embedded type of indoor unit 	

【Method for trial running with the wireless remote control】

□Please test it in accordance with the wireless remote control’s Operation Manual.

【Alarm indications concerning the receiver kit】

Note 1): when the protective device acts during normal or trial running, the receiver kit’s running indicating light will be flickering in the cycle of 0.5 second on/0.5 second off.

Note 2): the alarm code can be confirmed by the number of times that the indicating lights for defrosting and strainer flicker.

Indicating light for defrosting: the number of times of flickering is the ten-digit number of the alarm code.

Indicating light for filter: the number of times of flickering is the unit-digit number of the alarm code.

Example): in the case of the alarm code 35

The indicating light for defrosting flickers 3 times in the cycle of 0.5 second on/0.5 second off, and then the indicating light for strainer flickers 5 times in the cycle of 0.5 second on/0.5 second off. The abovementioned action will repeat until the alarm is terminated.

Note): for alarm code sheet, please refer to various devices’ Manual for Installation and Maintenance - Outdoor Device.

