

# HITACHI

## PC-RLH8/10 WIRELESS RECEIVER KIT

INSTALLATION AND OPERATION MANUAL  
MANUAL DE INSTALACIÓN Y FUNCIONAMIENTO  
INSTALLATIONS- UND BETRIEBSHANDBUCH  
MANUEL D'INSTALLATION ET DE  
FUNCTIONNEMENT  
MANUALE D'INSTALLAZIONE E D'USO

MANUAL DE INSTALAÇÃO E DE  
FUNCIONAMENTO  
BRUGER- OG MONTERINGSVEJLEDNING  
INSTALLATIE- EN BEDIENINGSHANDLEIDING  
HANDBOK FÖR INSTALLATION OCH ANVÄNDING  
ΕΓΧΕΙΡΙΔΙΟ ΕΓΚΑΤΑΣΤΑΣΗΣ ΚΑΙ ΛΕΙΤΟΥΡΓΙΑΣ



Do not perform installation work, without referring to our installation manual.  
No realice la instalación de este equipo, sin antes consultar este manual de instalación.  
Bei der Installation unbedingt die Hinweise in der Installationsanleitung beachten.  
Consulter notre manuel avant de réaliser une quelconque installation.  
Realizzare l'installazione, seguendo quanto indicato in questo manuale.  
Nao inicie os trabalhos de montagem, sem consultar o nosso manual de montagem.  
Udfor ikke installationsarbejder uden først at konsultere vores vejledning.  
Voer geen enkele handeling uit om de apparatuur alvorens deze handleiding te hebben doorgelezen.  
Utför inte några installationsarbeten utan att först läsa var installationsmanual  
Μην ήστε στην εγκατάσταση, χωρίς πριν να έχετε συμβουλευθεί αυτο το εγχειρίδιο εγκατάστασης

ENGLISH

ESPAÑOL

DEUTSCH

FRAANÇAIS

ITALIANO

PORTUGUES

DANSK

NEDERLANDS

SVENSKA

ΕΛΛΗΝΙΚΑ



## 1 SAFETY SUMMARY


**DANGER:**

DO NOT pour water into the remote control switch (hereafter called "controller"). This product is equipped with electrical parts.  
If poured, it will cause a serious electrical shock.


**WARNING:**

DO NOT perform installation work and electrical wiring connection by yourself. Contact your distributor or dealer of HITACHI and ask them for installation work and electrical wiring by service person.









**CAUTION:**

DO NOT install the indoor unit, outdoor unit, at such places as:

- Where there is oil vapor and the oil is dispersed.
- Where the hot springs are near (in a sulfuric environment).
- Where generation, flowing, staying or leaking of flammable gas is detected
- Where the sea is near (in the salty, acid or alkaline environment).
- DO NOT install the indoor unit, outdoor unit, within approximately 3 meters from strong electromagnetic wave radiators such as medical equipment.
- In case that there is electric noise at the power source for the indoor unit, provide a noise filter.
- Do not turn ON the power source, unless the preparation for test running is completed.
- Read this manual carefully before installation work for correct performance.

## 2 BEFORE INSTALLATION AND OPERATION

■ The packing contains the following parts. Check the contents and the number of the parts.

Model	Name	Q'ty	Remark
PC-RLH8	Receiver Kit 	1	With Connection Wire
	Connecting Cable 	3	With Connection Wire
	Band 	1	For Fixing Cable
	Cover 	1	For Protection of Connecting Cable
PC-RLH10	Receiver Kit 	1	With Connection cable
	Band 	1	For Fixing Cable
	Insolation 	1	For Protection Cable

### 3 INSTALLATION OF WIRELESS RECEIVER KIT

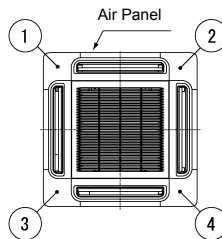


**CAUTION:**

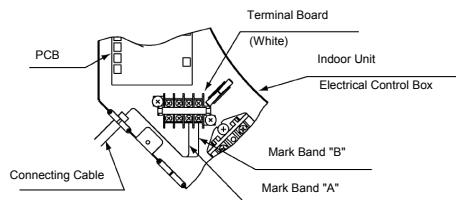
Pay attention to the following installation procedures. If not, it may drop from the panel, resulting in a serious accident.

■ **PC-RLH8**

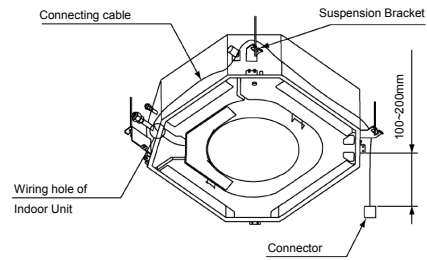
- 1) Install the wireless receiver kit, the indoor unit and the air panel at the same time.
- 2) In case that the wireless receiver kit is installed after installing the indoor unit, turn off the power source of the indoor unit and remove the air panel.
- 3) This receiver kit can be installed at the position 1,2,3 or 4



- 4) Remove the cover of indoor unit electrical controlbox and connect the cable to the terminal board (white) as shown below.

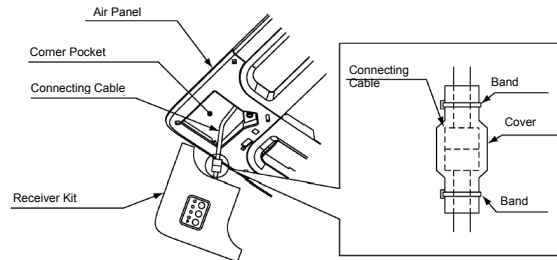


- 5) Draw out the connecting cable from the wiring hole of the indoor unit, and lead the cable over the suspension bracket of the indoor unit to the installing position of the receiver kit. Bundle the extra cable with a band.

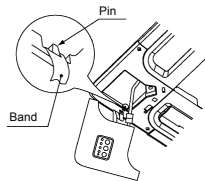


- 6) Install the air panel (option) onto the indoor unit.  
 7) Attach the receiver kit in the following procedure.

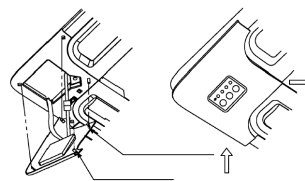
- ① Draw out the connecting cable from the pocket and connect the connecting cable and the wire of the receiver kit. After connecting the cable, wrap the connector with the cover and fix them with a band.



- ② Hook the band on the rear side of the receiver kit at the pin of the air panel as shown below.



- ③ Hook L-shaped nail on the rear side of receiver kit at the square hole of the air panel.



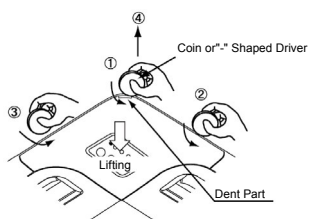
## 4 OPERATION & INSTALLATION MANUAL FOR PC-RLH8/10

- 8) Hook other fixing nails (3 positions) at square holes of air panel.

**i NOTE:**

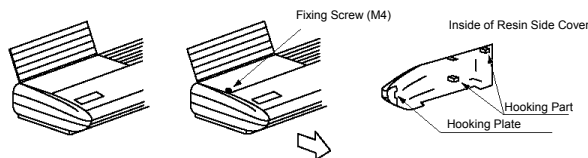
When removing the receiver kit after installing the air panel;

- 1) The corner position of the receiver kit can be lifted when a coin or a "-" shaped driver is inserted into the dent part ① and twisted downward. With ① lifted, twist a coin or a "-" shaped driver at the positions of ② and ③, the whole receiver kit can be lifted.
- 2) After disconnecting the fixing nails (3 positions), slide the receiver kit in the arrow direction ④ and remove the receiver kit.



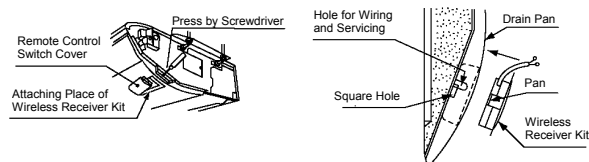
### ■ PC-RLH10

- 1) Install the wireless receiver kit, the indoor unit and the air panel at the same time.
- 2) In case that the wireless receiver kit is installed after installing the indoor unit, turn off the power source of the indoor unit.
- 3) Remove the right resin side cover.
  - (1) Open the air intake grille.
  - (2) Remove the attaching screw (M4) of resin cover side cover.
  - (3) Slide the resin side cover forward as shown below.

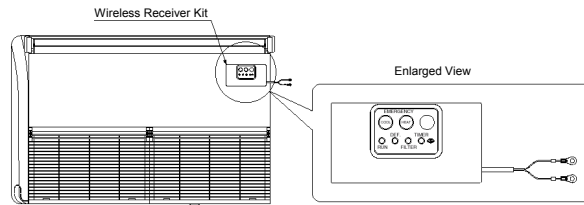


- 4) Remove the remote control cover.

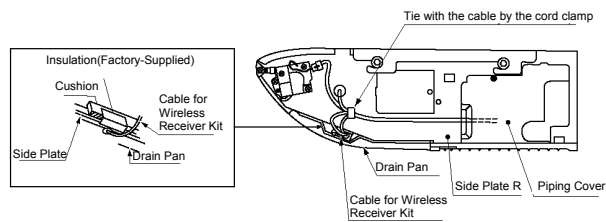
- (1) Insert the screwdriver or stick (within Ø5) into the service hole.
- (2) Press the hook of remote control cover by using the screwdriver or stick.



- 5) Install the wireless receiver kit to the drain pan.
  - (1) Insert the cable through the hole for wiring.
  - (2) Install the wireless receiver kit completely.
    - Check to ensure that there is no gap between wireless receiver kit and drain pan.



- 6) Lead the cable into the electrical box with other wires.
  - (1) Attach the insulation (Factory-Supplied) to the edge of the side plate in order to protect the cable as shown in the figure below.



## 6 OPERATION & INSTALLATION MANUAL FOR PC-RLH8/10

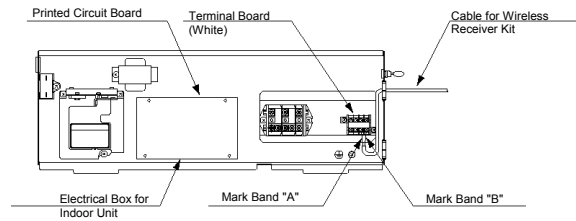
- 7) Remove the cover of indoor unit electrical control box and connect the cable to the terminals A and B of the terminal board (white).



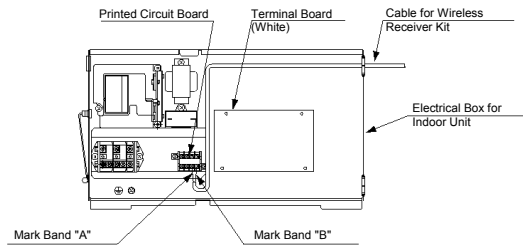
**NOTE:**

After connecting the cable, bind up the remaining cable length portion by band (Factory-Supplied) and put them in electrical control box.

### RPC 2.0 to 3.0 HP



### RPC 4.0 to 5.0 HP

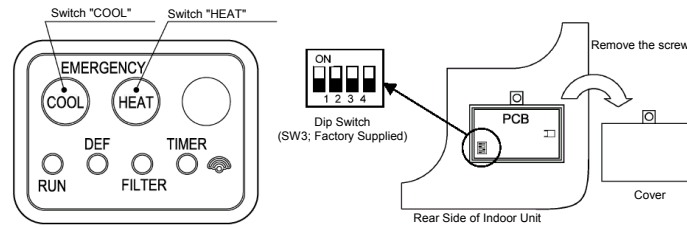




#### 4 OPTIONAL FUNCTIONS

1) Open the lid of case by removing two screws so that the following functions are available.

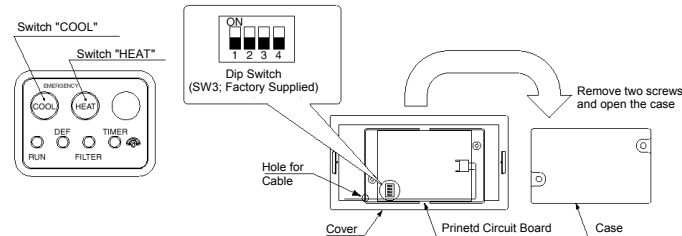
##### ■ PC-RLH8



2) Optional Setting for Dip Switch (SW3)

Operation Function	DIP Switch Setting (SW3)
Slave-Remote Control Switch. Setting for Simultaneous Operation.	ON 1 2 3 4

##### ■ PC-RLH10



2) Optional Setting for Dip Switch (SW3)

Operation Function	DIP Switch Setting (SW3)
Setting of Sub Receiver kit	ON 1 2 3 4
Identifying of Indoor Units	ON 1 2 3 4

## 5 OTHERS

- 1) Proceed the "TEST RUN" mode by using "Operation & Installation Manual" for the wireless remote control switch (PC-LH3A).
  - Turn OFF all power sources before setting the dip switches.
- 2) Emergency Operation Setting (Refer to the figure of the item 3 "Optional Functions".)
 

In case that PC-LH3A is unusable by batteries shortage, etc., perform emergency operation as follows.

  - (1) Switch "COOL": Press "COOL" so that the cooling operation is started.  
Press "COOL" again so that the cooling operation is stopped.
  - (2) Switch "HEAT": Press "HEAT" so that the heating operation is started.  
Press "HEAT" again so that the heating operation is stopped.



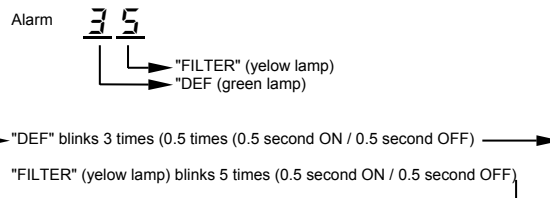
### NOTE:

During the emergency operation, the LED (yellow) blinks (0.5 second ON / 0.5 second OFF).

- 3) Alarm Code Indication
  - In case that some trouble occurs because of activation of safety device, etc., "RUN" (red lamp) blinks (0.5 second ON / 0.5 second OFF).
  - Refer to the Installation Manual for outdoor unit about Alarm Code List.
  - Alarm Code indicates the blinking times of "DEF" (green lamp) and "FILTER" (yellow lamp) as shown below.
 

"DEF" (green lamp):	The blinking is shown at the 2 digit of Alarm Code
"FILTER" (yellow lamp):	The blinking is shown at the 1 digit of Alarm Code (Alphabet Code: A=10 times, B=11 times, C=12 times, ....)

- Example -



- "RUN" (red lamp) (1 second ON / 1 second OFF) indicates abnormal transmitting between Indoor Units and Outdoor Unit