

DAIKIN AIR CONDITIONER Mounting plate for adaptor PCB, KRP4A96 Installation manual

READ THESE INSTRUCTIONS CAREFULLY BEFORE INSTALLATION,
KEEP THIS MANUAL IN A HANDY PLACE FOR FUTURE REFERENCE.

2P226887-1

Caution

- This plate is mountable on the ceiling mounted duct type unit. After confirming the indoor unit model name, mount this plate on the unit listed in the table shown bottom.
- When mounting the plate, see also the indoor unit installation manual and the adaptor PCB (Printed Circuit Board) mounting instruction.
- Fixing method is not on the installation manual attached to the adapter PCB. Please follow directions on this sheet.

Kit name	Indoor unit model that partly crowded is possible		
KRP4A96	Ceiling mounted duct type unit	SPLIT	FHMP~ FBQ~
		VRV	FXYMP~ FXMQ~

*See the DAIKIN catalog for the details

Accessories

- Check if the following accessories are included with your kit.

<Precaution>

The accessories are required for the installation of the air conditioner. Be sure to keep them until the installation work is completed.

Name	Adaptor plate	Screw	Sealing material	Clamp	Installation manual
Quantity	1PC,	2PCS,	2PC,	8PCS,	1PC.
Shape		M4×8			

<Caution>

- All field supplied parts and materials and electric works must conform to local codes.
- Use copper wire only.
- For electric wiring work, refer to also "Wiring diagram" attached to the control box lid.
- All wiring must be performed by an authorized electrician.
- A circuit breaker capable of shutting down power supply to the entire system must be installed.

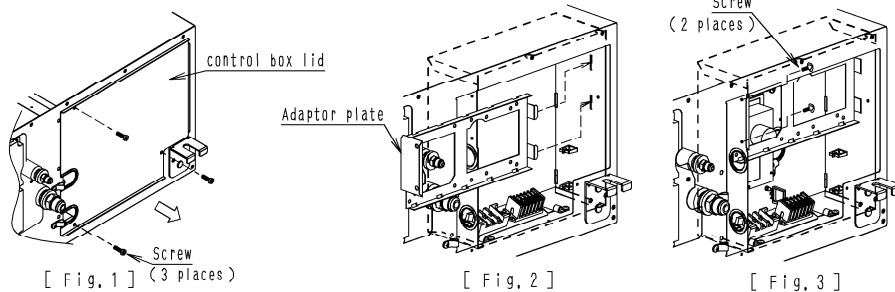
1 Mounting the adaptor plate

<Wiring to the indoor unit>

- Remove the control box lid, [Fig.1]
- Connect the wiring to the indoor unit. (The work is easier if the wiring is connected first.)
 - See the instruction attached to the adaptor PCB for the place where to connect the wires on the indoor unit.
 - Please see the connector location on (figure 1) on the **How to mount the adaptor PCB and handle the wiring**.

<Mounting the adaptor plate>

- Putting the claw of the adaptor plate into the hole of the box, [Fig.2]
- Fix the box with the attached fixing screws at two places, [Fig.3]



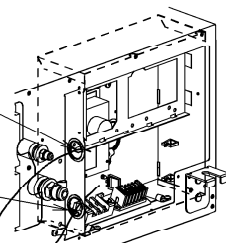
2 How to mount the adaptor PCB and handle the wiring

<How To Lead-in External Wires >

Lay the wires in the control box through the wire inlet on the side of the control box.

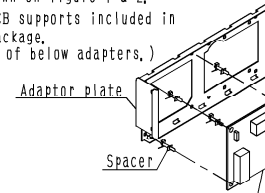
Low-voltage wiring inlet
Signal wiring,
Field wiring(low voltage)

High-voltage wiring inlet
Power supply wire,
Field wiring(high voltage)



<How to mount the adaptor PCB>

- Connect the wiring to the adaptor PCB. (The work is easier if the wiring is connected to the PCB first.)
 - See the instruction attached to the adaptor PCB for where to connect the wiring, as shown on figure 1 & 2.
- Mount adapter PCB onto the mounting plate (in the direction) as shown in figure 1 & 2.
 - Use PCB supports included in the package. (for any of below adapters,)



Low voltage wire
Signal wiring,
Power supply wiring
(Wiring adaptor for
electrical appendices),
Field wiring(low voltage)

<Caution> If (adapter PCB is) mounted in a wrong direction, electric noise may cause malfunction of the system, or may influence upon other devices.

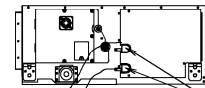
Adaptor PCB	Place where to mount
Adaptor for wiring KRP1C13 KRP1C64	(Fig.1)
Wiring adaptor for electrical appendices (※1) KRP4A1 KRP4AA51 KRP2A1 KRP2A61	(Fig.1)
External control adaptor for outdoor unit (※1) DTA104A1 DTA104A61	(Fig.2)

(※1) adaptor cannot be mounted 2 or more together.

<How to handle the wiring>

<Caution> Do not make high-voltage and low-voltage wires run in parallel. Electric noise may cause malfunction of the system, or may influence upon other devices.

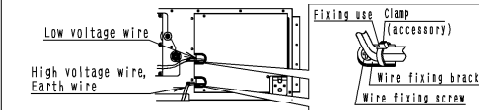
- Fix the internal wirings.
 - Bind the wiring from the adaptor plate to the indoor unit control box according to the drawing shown on the right with the attached clamp. (Put the clamping materials through the corner holes to fix wires.)
 - Bind the the surplus wires and the other wiring together with the clamp.
- Put the control box lid, and wrap the wire sealing material around the wires so as to block the wire through holes.
 - Take precautions to prevent the wires from getting caught.
 - After all the wiring connections are done, fill in any gaps in the through holes with putty or insulation (procured locally) to prevent small animals and insects from entering the unit from outside. (If any do get in, they could cause short circuits in the control box.)



Warning

Trim and lay the wiring neatly and attach the control box lid securely. An electric shock or fire may result if the control box lid catches any wiring or the wires push up the lid.

- Connect round crimp-style terminals provided with insulation sleeves to the terminal block for power supply.
 - See the instruction attached to the indoor unit.



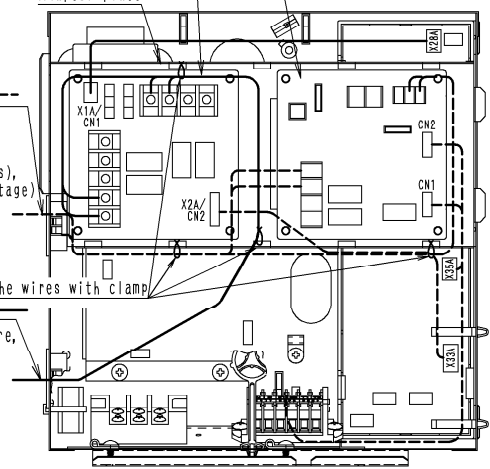
<Caution>

- Connect proper wires securely and fix the wires so that external force will not be imposed on the terminals.
- Use an appropriate screwdriver to tighten the terminal screws. The screw heads may be damaged if the screwdriver is too small and the terminal screws will not be tightened properly.
- Do not tighten the terminal screws excessively, or otherwise the screw heads may be damaged.
- Refer to the table below for the required tightening torque values of the terminal screws.

	Tightening torque (N·m)
Terminal block for remote controller and transmission wires	1.18 - 1.44
Terminal block for power supply, and wiring the units	1.18 - 1.44

<Adaptor for wiring. Wiring adaptor for electrical appendices>

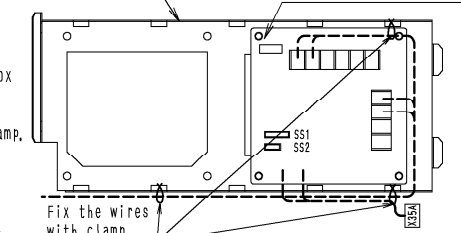
Adaptor PCB for wiring
Adaptor plate
Wiring adaptor PCB for electrical appendices



(Fig. 1)

<External control adaptor for outdoor unit>

Adaptor plate
External control adaptor PCB for outdoor unit



(Fig. 2)

Fix the wires with clamp

SS1
SS2

X25A

X25B

X25C

X25D

X25E

X25F

X25G

X25H

X25I

X25J

X25K

X25L

X25M

X25N

X25O

X25P

X25Q

X25R

X25S

X25T

X25U

X25V

X25W

X25X

X25Y

X25Z