

WIRE CONTROLLER INSTALLATION MANUAL

Model: KJR-12B/DP(T)-E

Version: MDV06I-002aW

SAFETY PRECAUTIONS

- ! Please read this safety precaution carefully before installation.
- ! Do observe the following safety precautions, for they are very important.

⚠ CAUTION	This sign warns of death or serious injury
⚠ NOTE	This sign warns of injury or damage to property

- ! Conform there is no abnormal phenomena during test operation after complete, then

⚠ CAUTION

Installation must be conducted by professionals
Others may perform improper installation which cause electric shock or fire.

Follow this manual as strictly as possible
Improper installation may cause electric shock or fire.

Another installation must be performed by professionals
Improper installation may cause electric shock or fire.

Do not disassemble your air conditioner at will
A random disassembly may cause abnormal operation or heating, which may result in fire.

⚠ NOTE

Do not install it in a place where combustible gas easily leaks
Once combustible gas leaks and remains around central controller, fire may be caused.

Wire must be suitable for the current of central controller
Otherwise electricity leakage or heating may be caused, which may result in fire.

Wire must be suitable for central controller, never bring outside force to bear on the terminal

OTHER PRECAUTIONS

Installation Location

Do not install it in a place with oil, steam or sulphur gas, or else deform or malfunction may occur.

Preparation Before Installation

1. Make sure the following parts has been prepared

Number	Name	Quantity	Remarks
1	Wire controller	1	
2	Wood Mounting Screw	3	GB950-86 M4X20 (For Mounting on the Wall)
3	Mounting Screw	3	M4X25 GB823-88 (For Mounting on the Electrical Switch Box)
4	Installation Manual	1	
5	Owner's Manual	1	
6	5-terminal Group	1	RS9005E
7	Terminal Installation Screw	2	ST3.9x12-F-H GB845-85

2. Preparing for the following at site

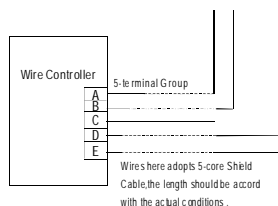
Number	Name	Quantity	Type	Remarks
1	5-core Shield Cable	1	RVVP-0.5mm ² x5	The longest wire is 30m
2	Switch Box	1		
3	Wiring Tube(Insulating Sleeve and Tightening Screw)	1		

Wire Controller Installation Notice

- This manual contains information about the procedure of installing wire controller.
Please refer to Indoor Unit Installation Manual for connecting between Wire Controller and Indoor Unit.
- Install the Wire joint, 5p to the appointed position of the electric controlling Box.
- Circuit of Wire Controller is low voltage circuit, Never connect it with a standard 220V/380V circuit or put it into a same Wiring Tube with the circuit, and the interval must be more than 300/500mm.
- The shield cable must be connected stable to the ground, or transmission may fail.
- Do not to attempt to extend the shield cable by cutting, if it is necessary, use Terminal Connection Block to connect.
- After finishing connection, do not use Megger to have the installation check to the signal wire

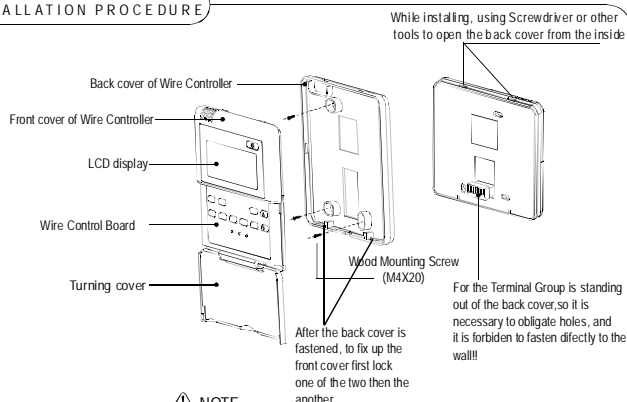
INSTALLATION PROCEDURE

Wiring technique and principle:



Instruction for installing:

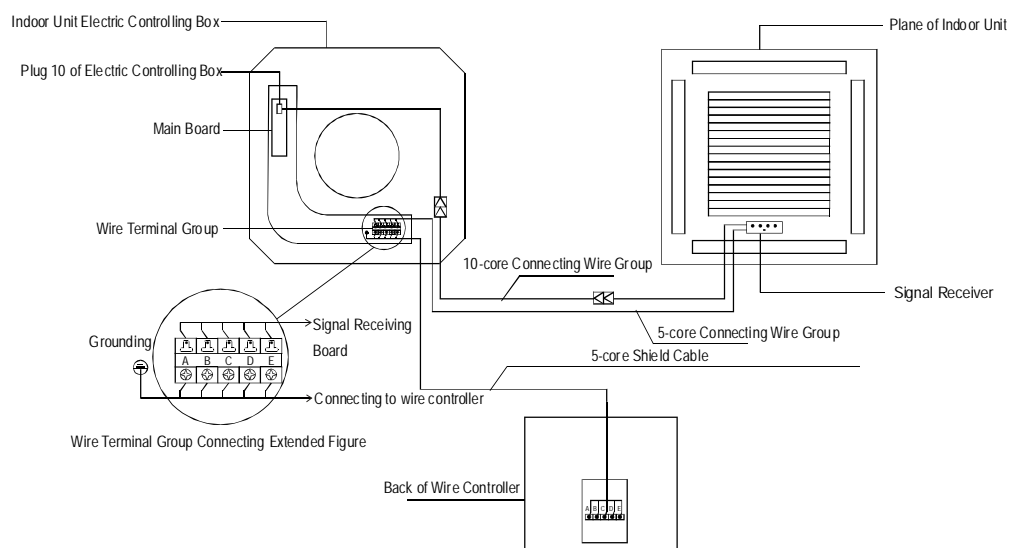
When it is necessary to use this controller, it needs to add a small 5-terminal Group and fasten a infrared emitter near to the receiver in the switch board.
Connecting the anode and cathode to A, B of the Terminal Group, also connect +5V, GND, RUN of the switch board separately to the C, D, E of the 5-terminal Group.



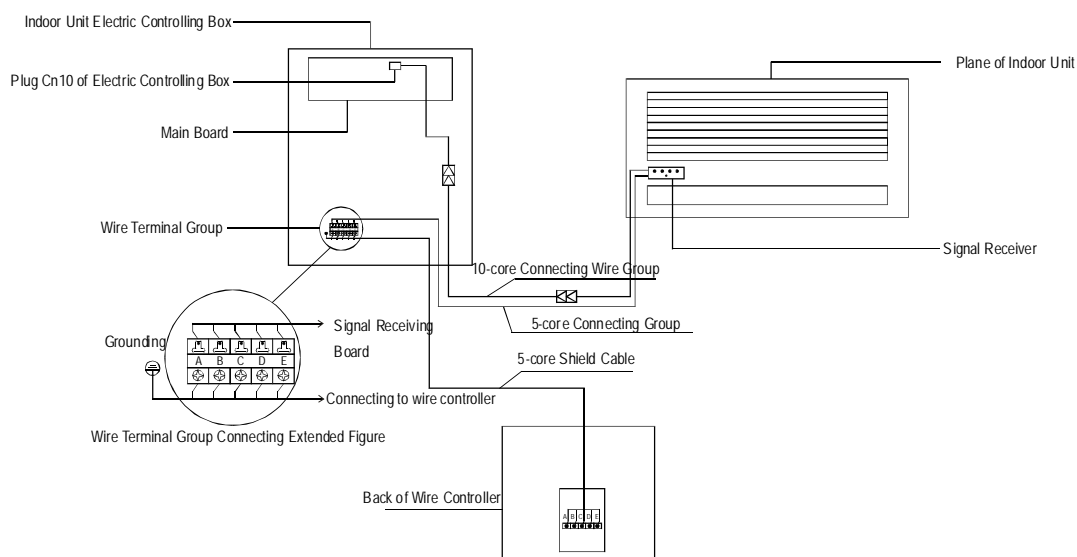
⚠ NOTE

- The connecting wire should be a little longer as to take away the switch board easily for maintenance.
- The connecting wire should be a little longer as to take away the controller easily for maintenance.

1. Wiring diagram between Wire Controller and Four-way cassette of Indoor Unit



2. Wiring diagram between Wire Controller and Duct type of Indoor Unit



3. Wiring diagram between Wire Controller and High Static Duct type of Indoor Unit

