



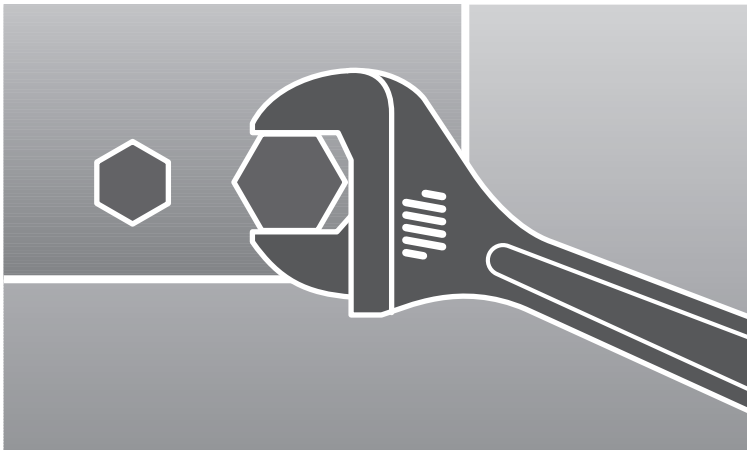
INSTALLATION MANUAL

Transmitter
MIM-B04A

ENGLISH

CHINESE

System Air Conditioner



Safety Precautions

*This installation manual explains how to install the transmitter.
See the appropriate installation manual for other optional accessories.*



WARNING

- ◆ Read this installation manual carefully before installation and check whether the transmitter is installed properly.
- ◆ Do not attempt to install or repair the transmitter by yourself.
- ◆ Always consult an authorized service personnel for repair.
- ◆ When moving, consult an authorized service personnel for disconnection and reinstallation of the transmitter.
- ◆ Ensure that the wall is strong enough to support the weight of the transmitter.
- ◆ The transmitter must be installed with the rated power supply.
- ◆ The transmitter must be installed according to the national electrical rules by an installation specialist.
- ◆ Consult an authorized installation center on how to dispose the transmitter.

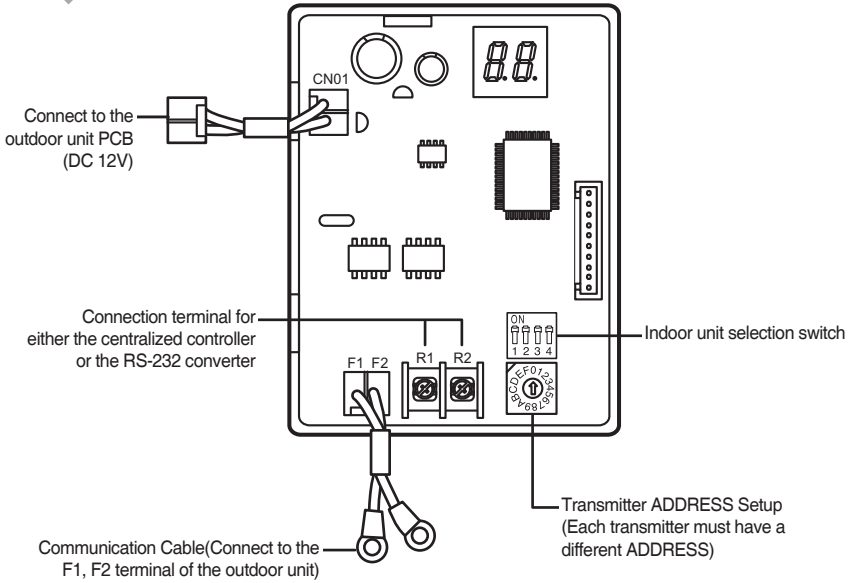


CAUTION

- ◆ Do not use inflammable gases near the transmitter.
- ◆ Do not install the transmitter in a location where it will come into contact with combustible gases, machine oil, sulphide gas, etc.
- ◆ Avoid a location where acid/alkali solution or special spray is used.
- ◆ Install the transmitter in a location that is not exposed to direct sunlight and where the temperature range is between 0°C(32°F) and 39°C(102°F).
- ◆ Do not let water into the transmitter.
- ◆ Do not apply pressure to the cable. The cable may break and cause fire.
- ◆ Do not press the buttons with a sharp object.
- ◆ Do not connect the power cable to the control terminal.
- ◆ Ensure that the transmitter does not affect other electronic devices when installed in a hospital or other particular places.

Transmitter(for 32 indoor units) and Accessories

Transmitter








Caution

- ◆ **Indoor unit selection switch**
If the Main Address of the indoor unit exceeds, the K10 switch on the indoor unit PCB must be set to off.

Product and Accessories

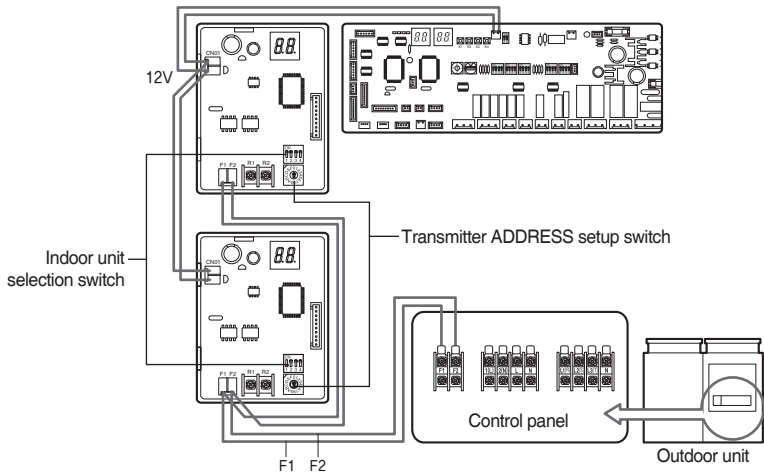
The following accessories are supplied with the transmitter.

- The number of each accessory is indicated in parentheses.

<p>Transmitter</p> 	<p>Power Cable (1)</p> 	<p>Communication Cable (1)</p> 	<p>Case (1)</p> 	<p>Cable tie (3)</p> 
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Installing the Transmitter

- 1 Install the transmitter next to the control box inside the outdoor unit.
- 2 Connect the power cable and the communication cable as shown below.
 - ◆ If the centralized controller is used, all the indoor units connected to the outdoor unit can be controlled from the centralized controller.



- 3 Setup the transmitter ADDRESS.

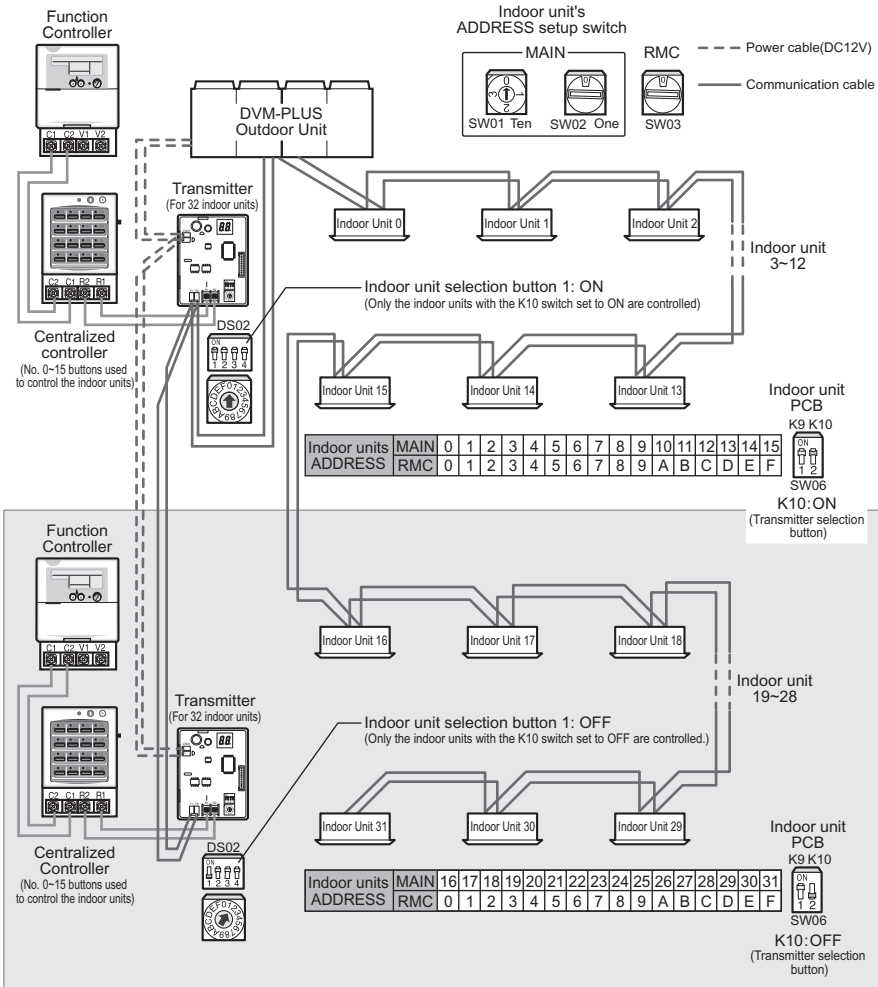
- ◆ Each transmitter must have a different ADDRESS.

Caution

- ◆ **The communication cable length from the centralized controller to the furthest transmitter must not exceed 1km.**
- ◆ **The transmitter must be installed by an authorized installer.**
- ◆ **Ensure the power is off before installation.**
- ◆ **Install the wires according to the wiring regulation and make sure the wires are installed inside the wall to avoid user contact.**

Connecting the Transmitter to Other Systems

Examples of 32 indoor units connected to the DVM-PLUS outdoor unit

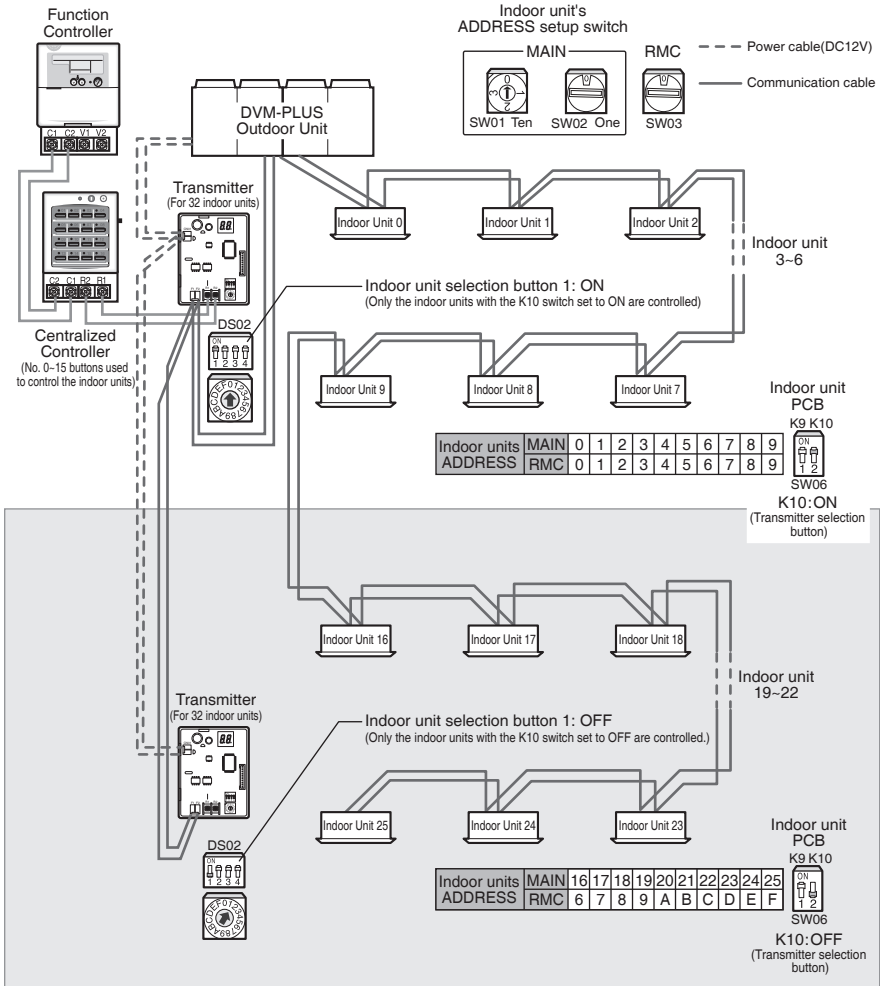


Caution

- ◆ If the K10 switch on the indoor unit PCB is set to ON, the main address of the indoor unit must be set between 0~15.
- ◆ If the K10 switch is set to OFF, the main address must be set between 16~31.
- ◆ Communication error may occur if the MAIN ADDRESS is set incorrectly.

Connecting the Transmitter to Other Systems(Continued)

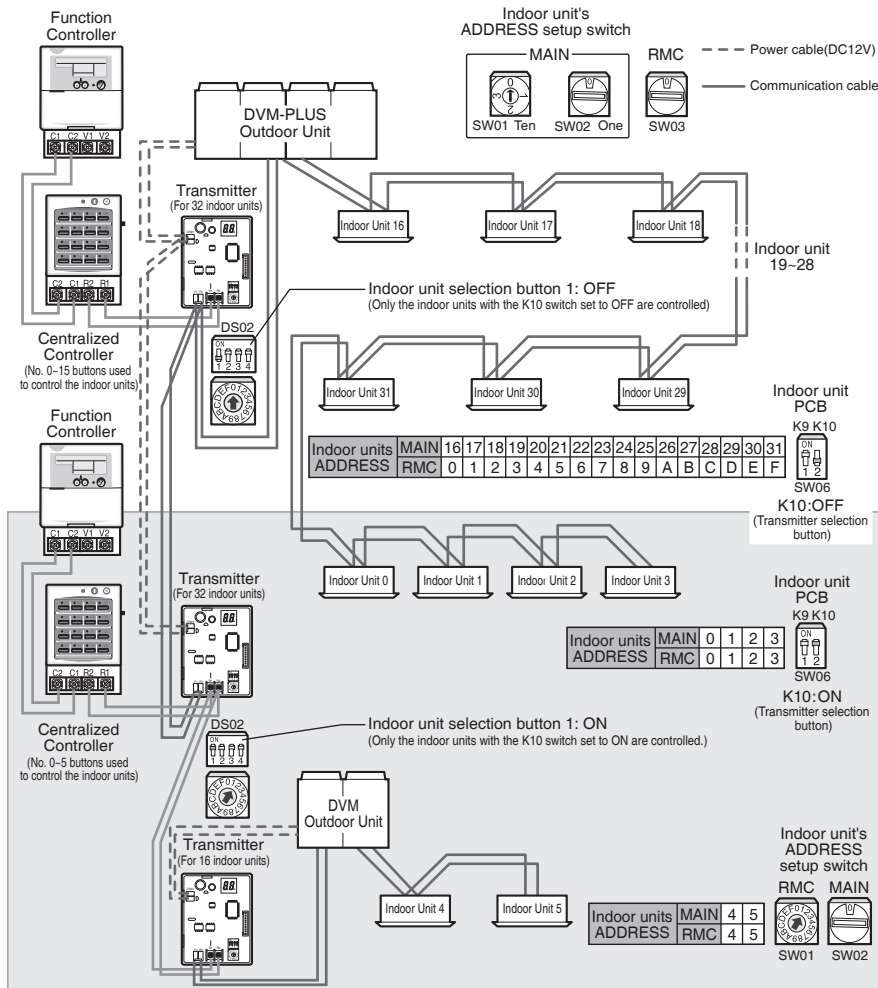
Examples of 20 indoor units connected to the DVM-PLUS outdoor unit(Group Control)



Caution

- ◆ If the K10 switch on the indoor unit PCB is set to ON, the main address of the indoor unit must be set between 0~15.
- ◆ If the K10 switch is set to OFF, the main address must be set between 16~31.
- ◆ Communication error may occur if the MAIN ADDRESS is set incorrectly.

Examples of 20 indoor units connected to the outdoor unit + 2 indoor units connected to the DVM outdoor unit



Caution

- ◆ If the K10 switch on the indoor unit PCB is set to ON, the main address of the indoor unit must be set between 0~15.
- ◆ If the K10 switch is set to OFF, the main address must be set between 16~31.
- ◆ Communication error may occur if the MAIN ADDRESS is set incorrectly.

