To installation personnel - Electrical work and Service

Remote controller installation requirements

* NOTE 1: The remote controller wire should not be bundled with other wires (mains, etc.) or installed with other wires in the same conduit, as malfunction may result.

* NOTE 2: Install the remote controller away from sources of electrical interference and electromagnetic fields.

* NOTE 3: If electrical interference is unavoidable, countermeasures such as appropriate filtering should be employed.

** Remote controller installation requirements **

1. For removal of the remote controller’s lower case (rear case), insert the tip of a straight blade screwdriver, etc., into the two openings at the bottom of the remote controller to open the lower case.
2. Fix the remote controller’s rear case by wood screws (2 pcs.). Do not over tighten, as it may damage the rear case.
3. Connect the wires from the indoor unit to the remote controller terminal block. (Refer to "How to wire the remote controller")

** How to wire the remote controller **

** Connection diagram **

- Remote controller wire (Field procurement)
- AWG30 (Use 0.5 mm² wire)
- Cannot use the closed end wire part.
- Use UL wires rated 300 V.
- Terminals A and B are non-polar.

** Remote controller test run setup **

1. Push and hold the button for 4 seconds or more until "TEST" appears in the LCD, then press the button. "TEST" appears in LCD during the test run.
2. Temperature adjustment is not possible while “TEST” is displayed. The test run applies considerable load on the machine; therefore, it is recommended not to use the test mode beyond necessity.
3. The test mode should be used in either HEAT or COOL mode.

** How to select the room temperature sensor **

Two room temperature sensors are installed: one in the indoor unit; the other in the remote controller. Only one sensor (usually the indoor unit’s) can be active at any one time.

To select the sensor in the remote controller, perform the following steps.

1. Push the + button for 4 seconds or more.

** Multiple remote controller installation requirements **

In a dual remote controller system, one or more units are operated by multiple remote controllers. (A maximum of two remote controllers can be set.)

** How to install **

For a dual remote controller system, install the remote controllers in the following way.

1. Set one of the remote controllers as the header remote controller. (The default setting is 'Header'.)
2. Set the DIP switch on all other remote controller P.C. boards to Sub (to enable them as follower remote controllers).

** Selecting the operation when the power is restored after a power outage **

Follow the steps below to select and set the operation status of the air conditioner when power is restored after a power outage has occurred during a scheduled operation.

1. Hold down the button for at least 4 seconds. (This step can be performed whether the air conditioner is running or shut down.)
2. Press the button, and set the code No. 14.
3. Press the button, and set the setting data to 00 00 (factory setting).
4. Press the button. The setting data is entered successfully if the display stops blinking and lights up.
5. Press the button.

* 00 00 (factory setting):

No settings are sent when the power is restored, and the scheduled operation is resumed as soon as the program time is reached after the power has been restored.

00 01: If there was a program which was to run during the power outage, it is resumed in accordance with what was programmed. If there is no program, operation resumes in accordance with what was being performed prior to the power outage.