





2-8. Wired remote controller (UTY-RCR*Z1)



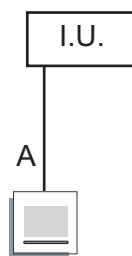
- UTY-RCR*Z1 is compatible with comfort airflow function for 3D flow cassette type.
- Various OFF timer setup are possible.
- When a failure occurs, the error code is displayed.
- The room temperature can be controlled by detecting the temperature accurately with built-in thermo sensor.
- Built-in IR receiver.

■ Accessory

Name and shape	Q'ty	Application
 Screw	2	For installing the remote controller
 Cable tie	1	For remote controller and remote controller cable binding
 Installation manual	1	
 Operation manual	1	

System diagrams

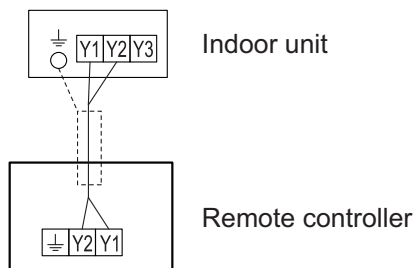
- Single remote control



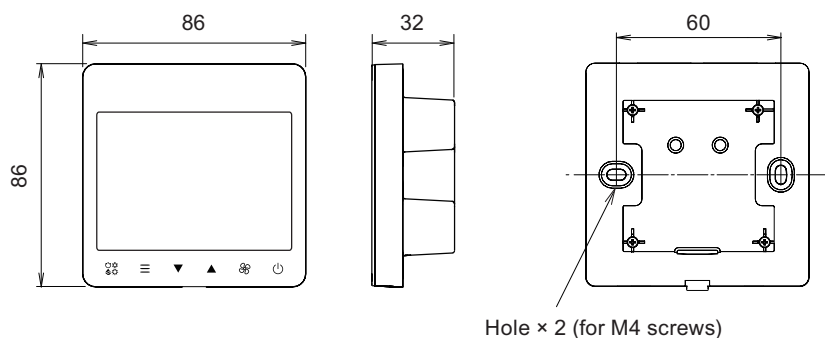
Remote controller cable (For details of controller cable specifications, refer to "Controller cable" in Chapter 6. SYSTEM DESIGN.)

$A \leq 500$ m

Electrical wiring



Dimensions



Unit: mm

■ Installation

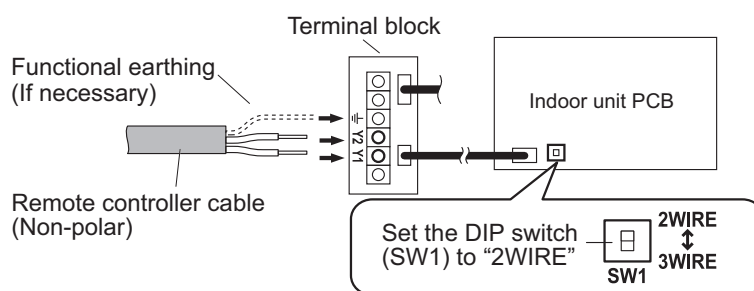
• Connection pattern

NOTE: Connection pattern is different according to type of Indoor unit.

Indoor unit type	Connection pattern
All cassette type	Pattern A
All duct type	Pattern A
All floor type	Pattern A
Floor/Ceiling type	Pattern A
All ceiling type	Pattern A
All wall mounted type	Pattern B

• Pattern A

1. Connect the end of remote controller cable directly to the exclusive terminal block.
2. Set the DIP switch (SW1) to "2WIRE" on the PCB of the indoor unit.

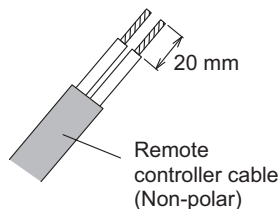


NOTES:

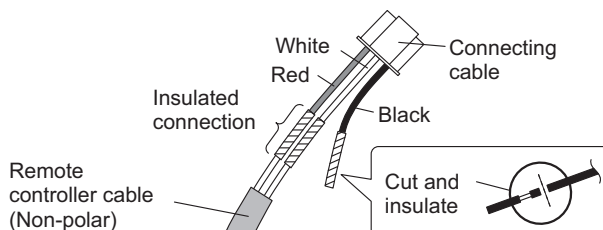
- Layout of terminal block and PCB is varies depending on the type of indoor unit.
- Operation may fail if it is connected to the outdoor unit or the terminal block for power supply.

• **Pattern B**

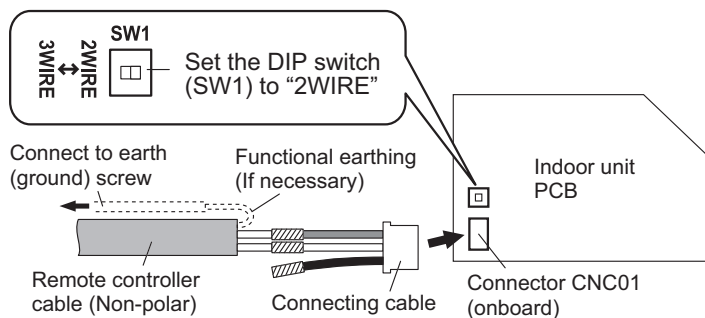
1. Use a tool to cut off the terminal on the end of the remote controller cable, and then remove the insulation from the cut end of the cable as shown below.



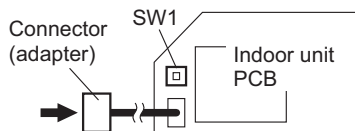
2. Connect the remote controller cable and connecting cable as shown below. Be sure to insulate the connection between the cables.



3. Connect the remote controller cable to the connecting cable, and insert it to the connector. Set the DIP switch (SW1) to "2WIRE" on the PCB of the indoor unit.



NOTE: Layout of terminal block and PCB is varies depending on the type of indoor unit.



■ **Specifications**

Input voltage	V	DC 12
Power consumption	W	Maximum 0.6
Usage temperature range	°C	0 to 46
Usage humidity range	%	0 to 90 (no condensation)
Storage temperature range	°C	-20 to 70
Storage humidity range	%	0 to 90 (no condensation)
Dimensions (H × W × D)	mm	86 × 86 × 32
Weight	g	135

● **Wiring specifications**

Use	Cable size	Wire type	Remarks
Remote controller cable	0.33 to 1.25 mm ² (22 to 16 AWG)	Non polar 2-core	Use sheathed twist pair cable.*

*: Use shielded cable (locally purchased) in accordance with the regional cable standard.