

PRO
TICA PRO



INSTALLATION & OPERATION MANUAL

**IOM OF
RECEIVER**

IOM of Receiver

Introduction

This product is designed for indoor use and is connected to the indoor unit via the air docking plug's connecting cable, operating in conjunction with the wireless remote control. The signal receiver is utilized to receive remote control commands.

Key Functional Components:



1. Remote Control Signal Receiving Window:
 - Receives remote control commands.
2. Emergency Operation Switch:
 - In case of remote control malfunction, pressing the emergency button activates automatic mode. The air conditioner determines the operating mode based on indoor temperature.
 - While the air conditioner is active, pressing this button turns it off.
3. Energy Saving Indicator Light:
 - Illuminates when the energy-saving function is enabled.
 - Turns off when the energy-saving function is disabled.
4. Defrost Indicator Light:
 - Illuminates during the defrosting process.
 - Turns off once the defrosting cycle is complete.
5. Digital Tube Display Area:
 - Fault Display: When a fault occurs, the digital tube displays the fault code in a loop.
 - Normal Operation: Displays the set temperature when the machine is powered on and turns off when it's powered off.
6. Timing Indicator Light:
 - Lights up when the timer function is activated.
 - Turns off when the timer function is deactivated.
7. Filter Cleaning Indicator Light:
 - Lights up when it's time to clean the filter, indicating maintenance is required.
8. Power Indicator Light:
 - Illuminates when the power is off.
 - Turns off when the unit is running.

Installation

1. Select the location to install the centralized control box.

Install the receiver in the suspended ceiling, close to the indoor unit electrical control box.

2. Installation:

(1) Open a round hole with a diameter of 95mm in a suitable position on the ceiling.

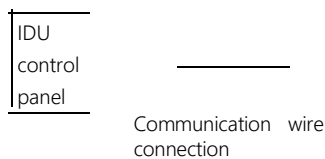
(2) Arrange the communication line above the ceiling.

(3) Connect the communication line to the indoor unit's electrical control board.

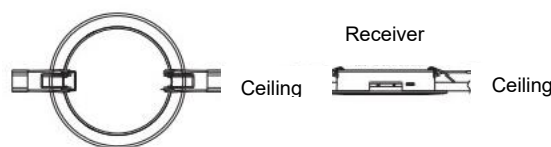
(4) Connect the other end of the communication line to the lead-out line on the signal receiver, following the connection details indicated on the indoor unit electrical wiring diagram label.

(5) Adjust the spring of the signal receiver and insert the receiver into the hole prepared in the ceiling. After installation, the view from below is as follows.

(6) The installation position of the signal receiver should be far away from fluorescent lamps.



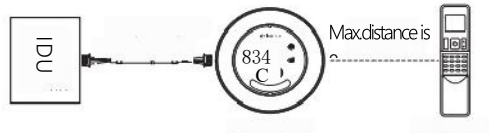
Install the signal receiver into the hole in the ceiling, following the direction of the arrow.



After installation

Operation

When sending a signal, aim the signal sending head of the wireless remote control at the receiver of the indoor unit. The receiver's buzzer will sound when the receiver receives a valid command. If the buzzer does not sound, it means that the signal has not been received and needs to be sent again. Sometimes the beep may not be heard due to surrounding noise.



Fault

1. Light Commercial Unit

Fault Code	Fault Name
01	Outdoor ambient temperature sensor failure
02	Outdoor coil temperature sensor failure
03	Exhaust temperature sensor failure
04	Exhaust temperature too high protection
05	High-pressure protection
06	Low-pressure protection
07	Compressor current protection
08	Power supply phase loss protection
09	Power reverse phase protection
17	Indoor ambient temperature sensor failure
18	Indoor coil temperature sensor failure
19	Water level too high fault
20	Lack of refrigerant protection
23	Indoor and outdoor unit communication fault
24	Mismatched indoor and outdoor unit capacity

2. VRF Unit

	Fault Code	Fault Name
ODU Fault	*0	Compressor fan drive failure
	*1	Outdoor unit sensor fault
	*2	Master-slave communication fault
	*3	Compressor overload or contactor sticking
	*4	System operation faults: abnormal high pressure, abnormal low pressure; abnormal overheating, etc

	*5	General faults: Phase sequence protection fault, clock fault, mismatched indoor and outdoor unit capacity, etc.
	*6	System fault
IDU Fault	Fault Code	Fault Name
	00	Indoor and outdoor unit communication fault
	01-04	Indoor unit sensor fault
	06	Operation mode conflict
	07	Water level fault
Note: If * equals 1, it means the unit fails; If * equals 2, it means the slave unit 1 fails; If * equals 3, it means the slave unit 2 fails;		

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