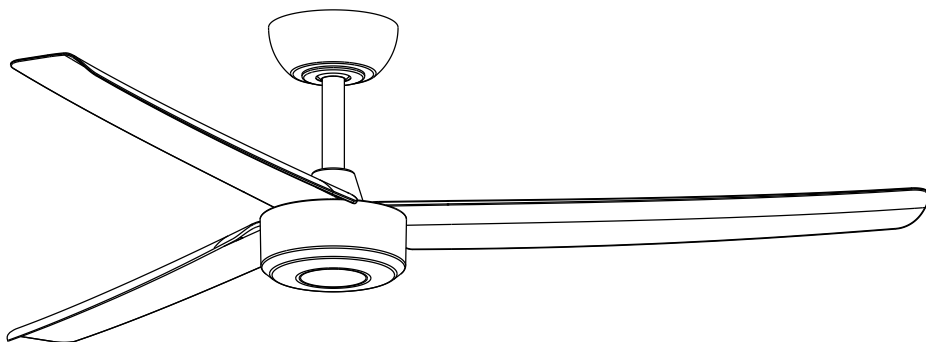


# *Owners Manual*



**MODEL: BTDC56  
INDUSTRIAL**

**CAUTION**

READ INSTRUCTIONS CAREFULLY FOR SAFE  
INSTALLATION AND FAN OPERATION.

Suitable for 220V/50Hz electrical supply

## SAFETY INSTRUCTIONS

To reduce the risk of fire, electrical shock, or injury to persons, please observe the following:

Read all instructions and safety information before installing. This manual is not intended to instruct or assist untrained or unqualified persons. It is the responsibility of qualified, licensed installer, and user to apply common sense and care at all times during installation and operation.

2. This appliance is not intended for use by children or persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
3. To avoid possible electric shock, be sure electricity is turned off at the main power box before wiring. Make sure electrical voltage and frequency is within the control capacity range.
4. Please make sure the location has stable power supply, with temperatures between 10°C to 40°C and that the ceiling fan is not exposed to direct sunlight, humidity, or wind blow over a long period of time.
5. Ceiling fan must be installed at least 2.5 meters above the floor. Make sure that your installation area will not allow rotating fan blades to come in contact with any object when fan is in operation.
6. The mounting bracket must be firmly screwed to a strong ceiling support such as a concrete ceiling, steel structure, or a timber frame. If additional timber frames are to be added, those must be securely nailed or screwed between the beams. All support must be able to withstand motion of the moving fan and weight of at least 120 kg.
7. For safety regulation, the safety cable must be secured firmly with the mounting bracket or with a separate anchor bolt with hook, which must be able to withstand motion of the moving fan and weight of at least 120 kg.
8. After fan is completely installed, check to make sure that all connections are secured to prevent fan from falling and/or causing damage or injury. Refrain from using product in case of abnormalities, stop operation immediately and contact MR.KEN service center for help and support.
9. Condition of the ceiling fan, including all parts and suspension/support system, should be checked annually by qualified technicians or authorized personnel. Any alterations or replacements of any parts of the product must only be carried out by authorized personnel by MR.KEN service center.
10. Maintenance and cleaning of the ceiling fan should be carried out annually by qualified technicians or authorized personnel to ensure the normal functioning and prevention of damage to fan motor. Please exercise caution when cleaning so as to not cause bending of the blades, as it may result in damage or breakage of the product. Do not soak or expose product to chemical solvents that could cause discoloration or deformation of the product. Please contact MR.KEN service center for customer support and inquiries.

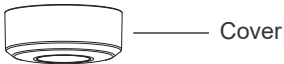
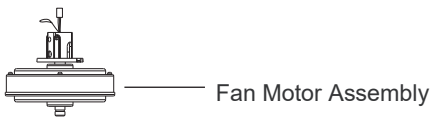
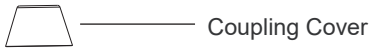
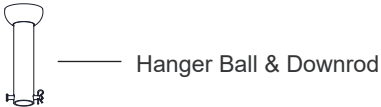
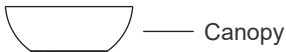
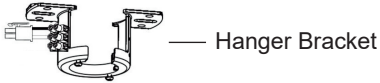
**⚠ WARNING:** This product is designed to use with only those parts supplied with this product and/or accessories designated specifically for use with this product. Using parts and/or accessories not designated for use with this product could result in personal injury or property damage.

**⚠ WARNING:** The company will not be responsible for any accidents and injuries caused by incorrect installation or modification that is not instructed by this manual.

# PARTS LIST

Unpack and inspect fan carefully to be certain all contents are included.

## Exploded Fan View & Parts



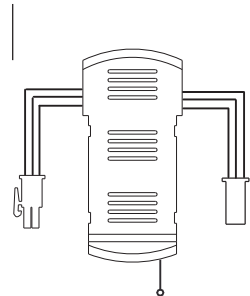
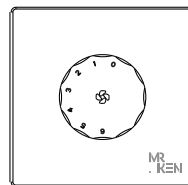
### Hardware Bag

|                    |     |  |
|--------------------|-----|--|
| Wood Screw         | x 2 |  |
| Spring Washer      | x 4 |  |
| Lock Washer        | x 4 |  |
| Sleeve Anchor Bolt | x 2 |  |
| Blade Screw        | x 7 |  |

### Blade Balancing Kit

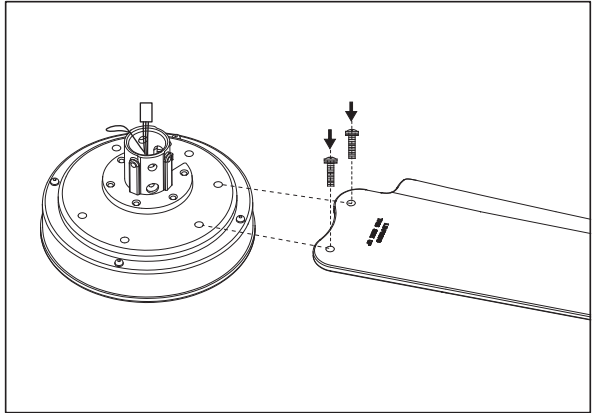
|                |     |  |
|----------------|-----|--|
| Balanced Slice | x 1 |  |
| Weight Block   | x 3 |  |

### Wall Control and Receiver



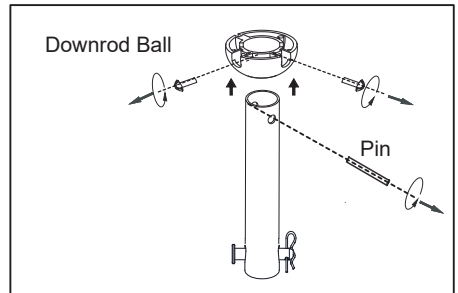
## BLADE INSTALLATION

Install the fan blades by aligning the holes on the blade with the holes on the fan motor assembly set by the provided set screws and lock washers. Make sure the set screws securing the blade are tight and the blades are properly seated..

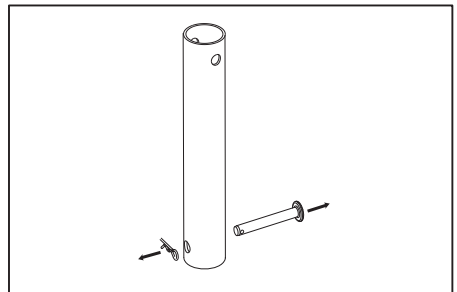


## DOWNROD INSTALLATION

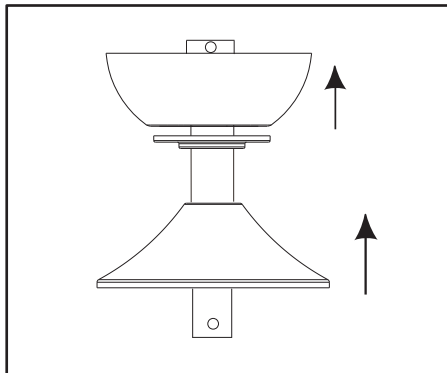
1. Remove the pin and ball screw from the downrod assembly, then remove the downrod ball.



2. Remove cotter pin and cross clip from the downrod.

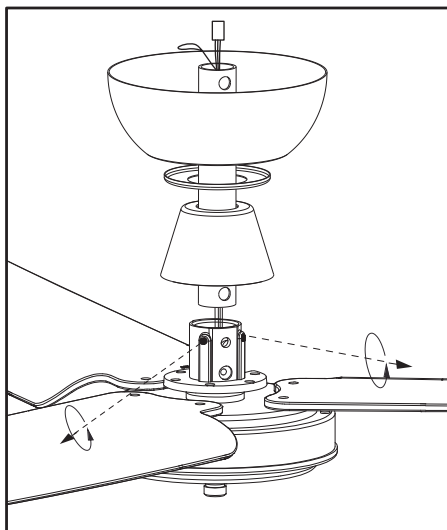


3. Insert downrod through canopy, trim ring and coupling cover.

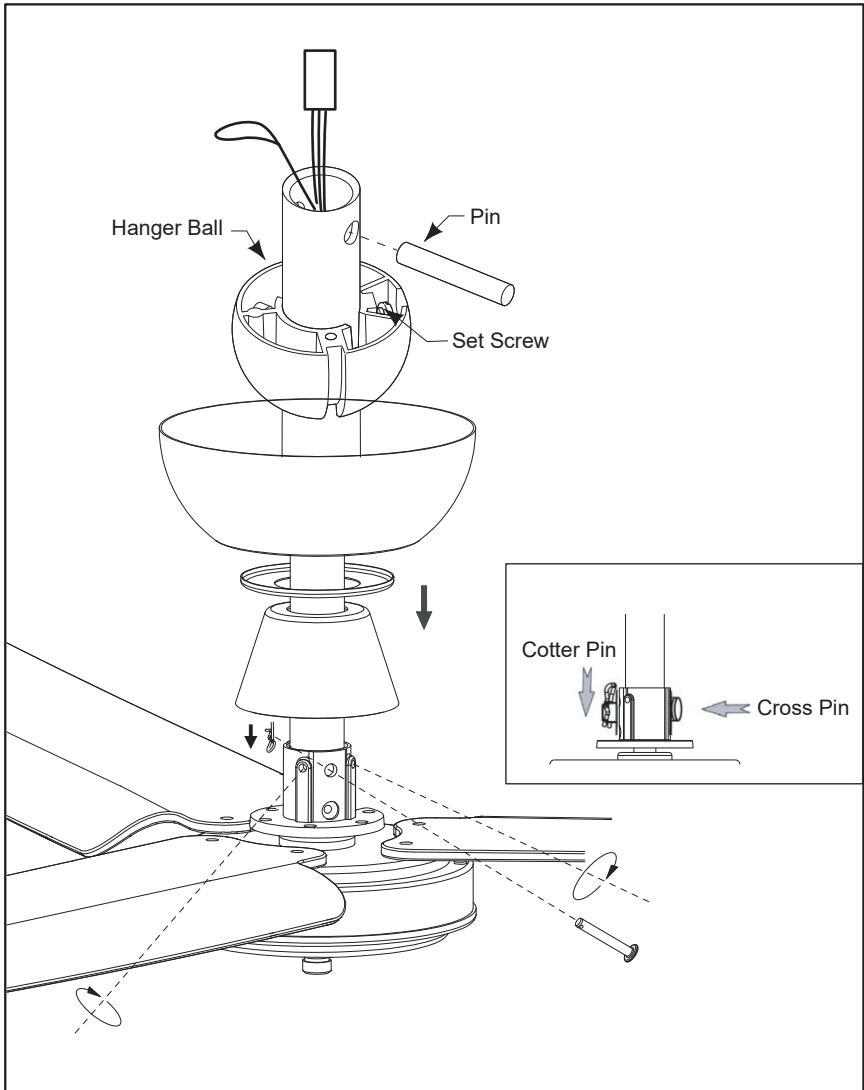


4.1 Loosen the 2 set screws on the yoke.

4.2 Route the wires and safety cable through the downrod assembly (in step 3) and then slide the downrod into the yoke on top of the motor.



- 5.1 Reinstall the downrod ball on the downrod. Position the pin through the two holes in the downrod and align the hanger ball so the pin is captured in the groove. Pull the hanger ball uptight against the pin and tighten the set screws in the hanger ball.
- 5.2 Insert the cross pin through yoke & downrod. secure with cotter pin. Tighten downrod jams crew to further secure the downrod

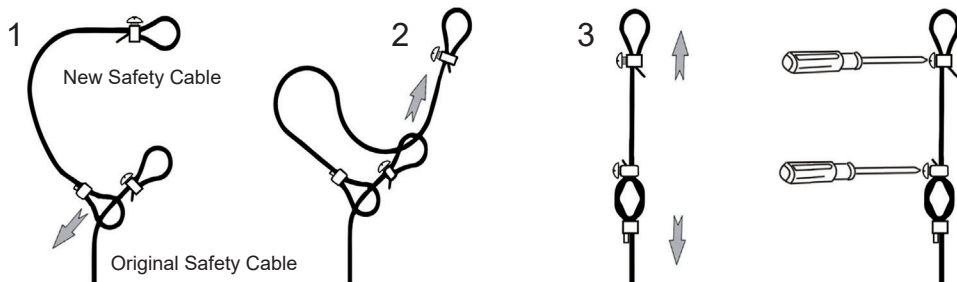


## EXTENSION SAFETY CABLE CONNECTION (OPTION)

Note: Each new downrod is packed with one new safety cable. One end of which is looped with copper ring and the other one is looped with clamp end.

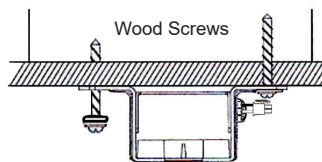


1. Insert the original safety cable through the copper-ring end loop of the new safety cable by following the directions as shown in the picture below.
2. Insert the new safety cable through the loop of the original safety cable from the fan by following the directions as shown in the picture below.
3. Pull straight and make both loops cross tightly. Then make sure all clamp screws are fastened.

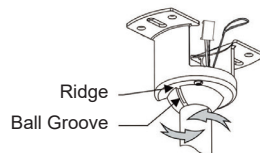


## DR: CEILING JOINT

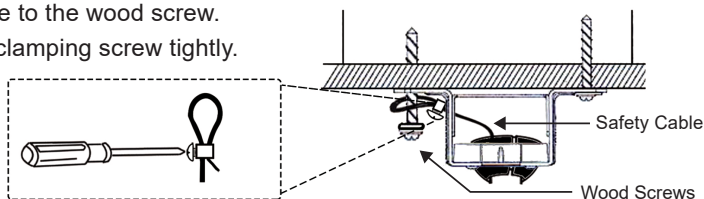
1. Secure the mounting bracket to the ceiling joint or structure that is capable of carrying a load of at least 30kgs with 2 wood screws provided. One of wood screw set is fully tightened. The other one is screwed as shown.



2. Lift fan assembly onto mounting bracket. Rotate fan so that the groove on the ball engages the ridge in the mounting bracket.

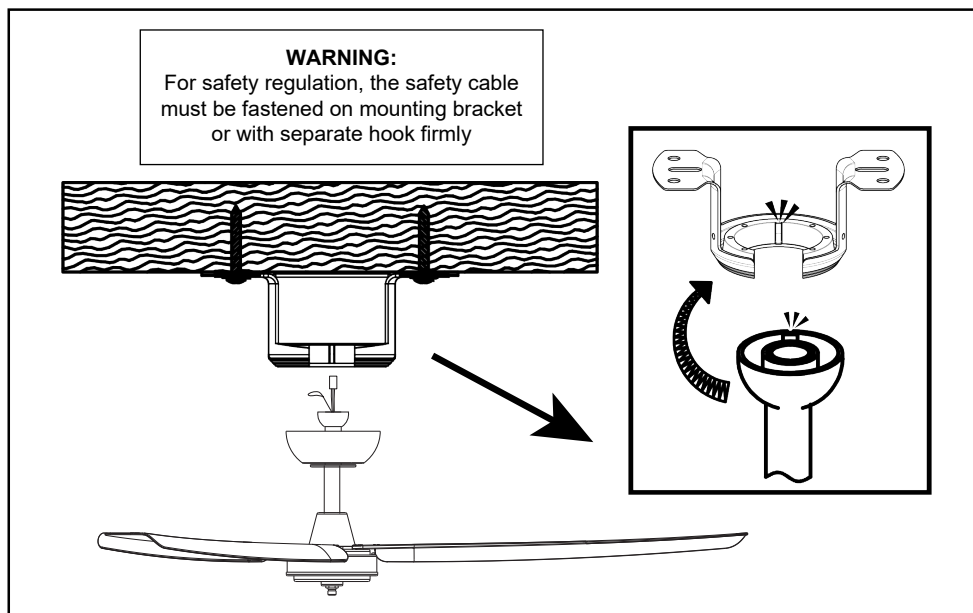


3. Hook safety cable to the wood screw. Then fasten the clamping screw tightly.



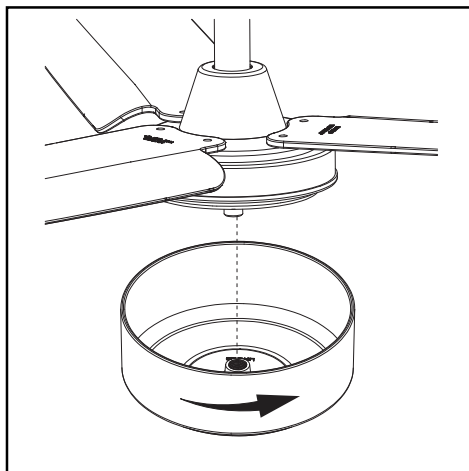
3. Carefully lift the fan and seat the downrod/hanger ball assembly into the hanger bracket.

**IMPORTANT:** Ensure the groove in the hanger ball locks into place on the tab of the hanger bracket, so that the hanger ball cannot rotate.



## BOTTOM COVER INSTALLATION

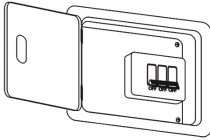
Install the bottom cover by aligning it with the bottom of the motor and twisting it clockwise to lock it into place. Ensure the cover is firmly set.



# WIRING INSTRUCTIONS

## Note:

Turn off power at breaker box to avoid possible electrical shock.



## ⚠ WARNING

To avoid fire or shock, follow all wiring instructions carefully. Any electrical work not described in these instructions should be done or approved by a licensed electrician.

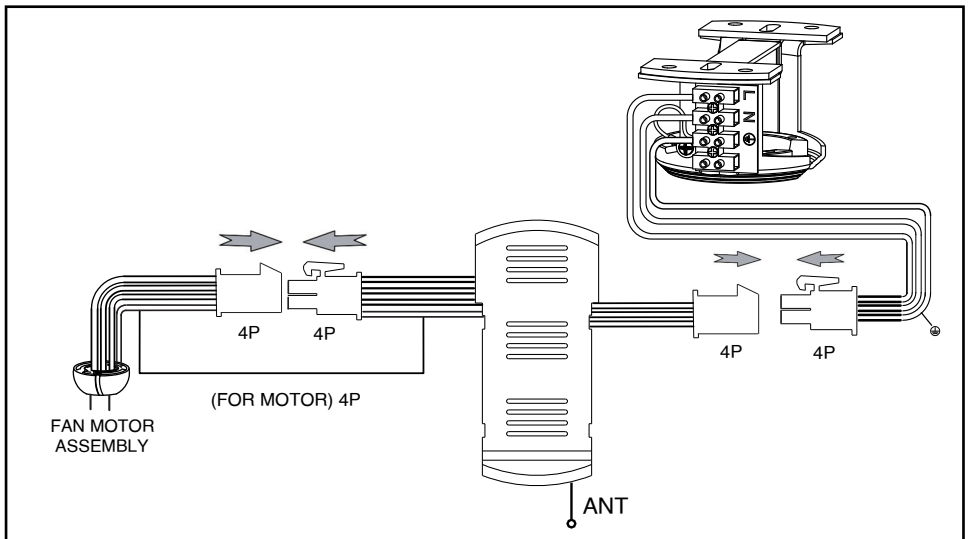
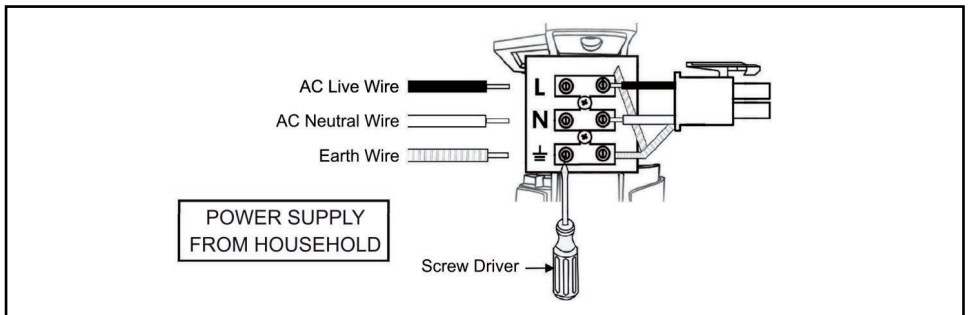
## ⚠ WARNING

Do not operate this fan with a variable (Rheostat) wall controller or dimmer switch. Doing so could result in damage to the ceiling fan's remote control unit.

Follow diagram below and make sure that all exposed wires are secured inside terminal block.

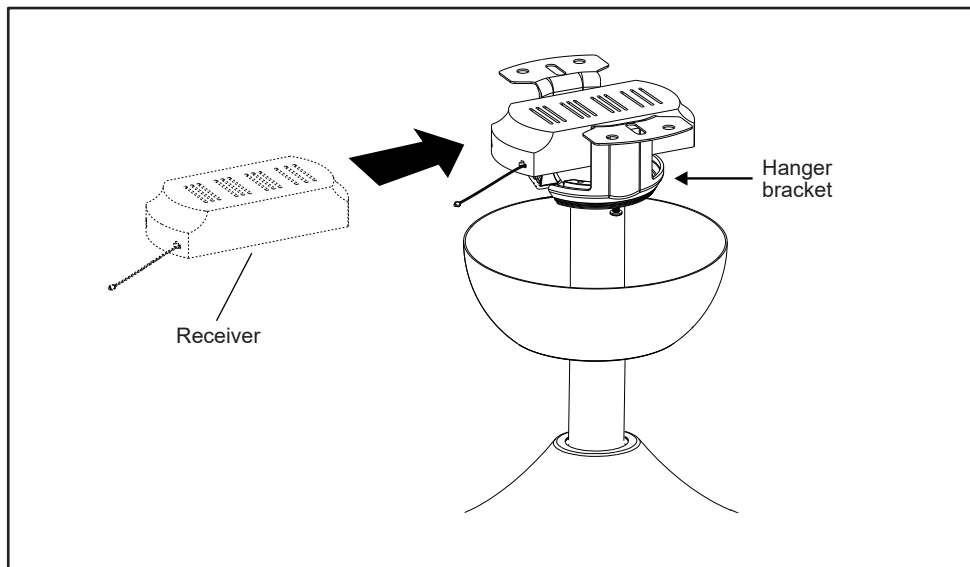
**Note: Wires from house may vary in color.**

1. Connect the household live wire to the other side of terminal block marked "L" . Secure the wire with screw driver.
2. Connect the household neutral wire to the other side of terminal block marked "N" . Secure the wire with screw driver.
3. Connect the the fan earth wire (  ) to the terminal block.

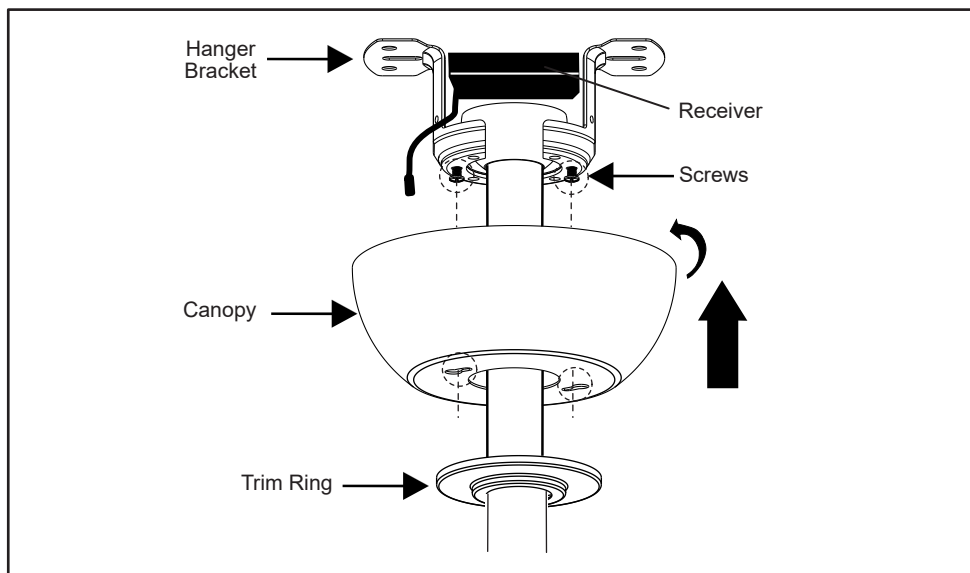


## CANOPY INSTALLATION

1. Slide the receiver into the hanger bracket .



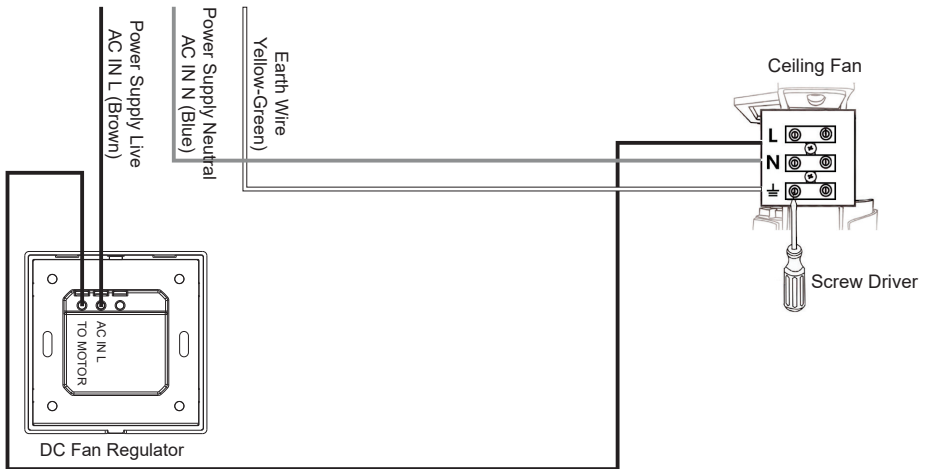
2. Align the keyholes of the canopy with the screws on the hanger bracket, then place the canopy on the hanger bracket, and rotate the canopy to fix it. Further secure the canopy to the hanger bracket by tightening the 2 hanger bracket screws.



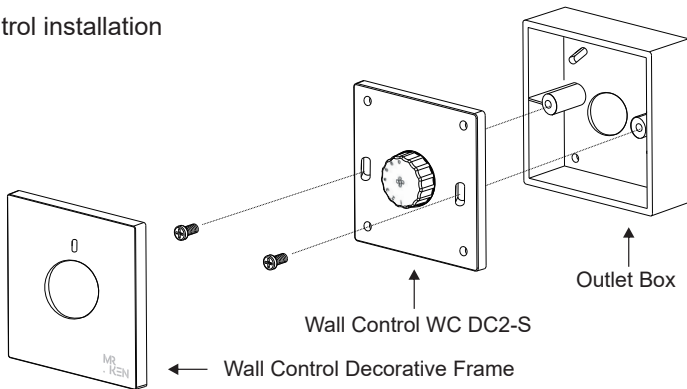
# WALL CONTROL

## WIRING INSTRUCTIONS

Wiring method is as follows



## Wall control installation



## Functions

- 0: Turn off the fan.
- 1: Turn on the fan at 1st speed (lowest speed).
- 2: Turn on the fan at 2nd speed.
- 3: Turn on the fan at 3rd speed.
- 4: Turn on the fan at 4th speed.
- 5: Turn on the fan at 5th speed.
- 6: Turn on the fan at 6th speed (highest speed).

