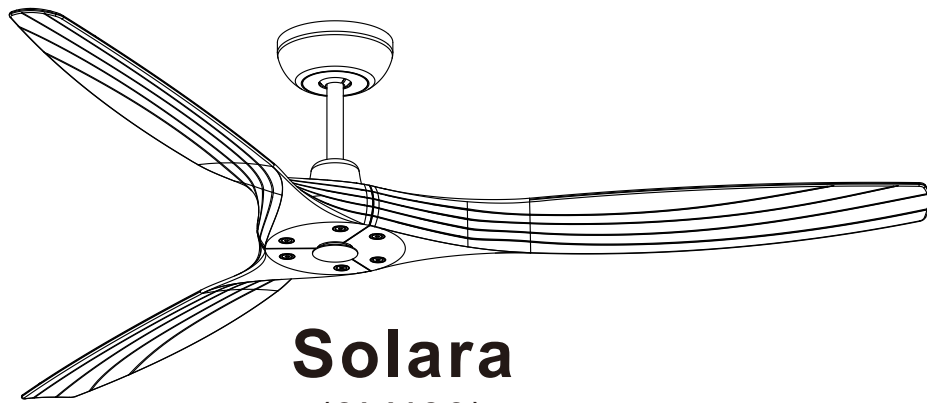


# Owners Manual

**TroposAir**



**Solara**  
(3LN60)

This instruction contains 10 pages:

Page 1: Read Safety instructions

Page 2: Unpack and inspect parts contained

Page 3~4: Notes before installation and Hanging system installation  
/Blade installation

Page 5: Wire connection

Page 6: Canopy installation / Transmitter instruction

Page 7: Operation instruction

Page 8~10: Resetting process



Toll Free: 1-855-676-7247

Net weight

5.2 KGS.

11.4 LBS.

**WARNING : Read and follow these instructions carefully and be mindful of all warnings shown throughout.**

## READ AND SAVE THESE INSTRUCTIONS

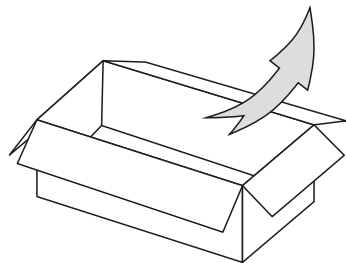
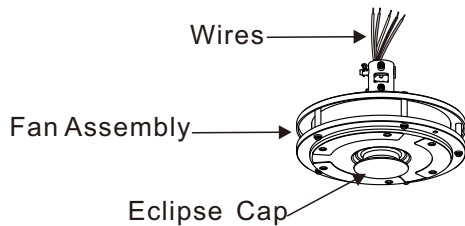
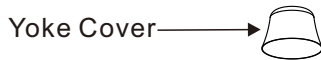
### **WARNING : TO REDUCE THE RISK OF FIRE, ELECTRICAL SHOCK, OR INJURY TO PERSONS, PLEASE OBSERVE THE FOLLOWING :**

- 1]. To ensure the success of the installation, be sure to read the instructions and review the diagrams thoroughly before beginning.
- 2]. **To avoid possible electric shock, be sure electricity is turned off at the main power box before wiring.**  
All electrical connections must be made in accordance with local codes, ordinances and/or the National Electric Code. If you are unfamiliar with the methods of installing electrical wiring and products, require the services of a qualified and licensed electrician as well as someone who can check the strength of the supportive ceiling members and make the proper installations and connections.
- 3]. Make sure that your installation site will not allow rotating fan blades to come in contact with any object when fan is in operation. **Blades must mounted at least 7 feet from the floor.**
- 4]. If possible, mount ceiling fan on a ceiling joist - the joist must be able to support the motion and weight of the moving fan. If the fan will be mounted on a ceiling outlet box, a 4" x 2-1/8" deep METAL octagon box is required ; one UL listed as " suitable for fan support ". The box and its supporting members must not be able to twist or work loose. **DO NOT USE PLASTIC BOXES.** Installation on a concrete ceiling should be performed by qualified personnel.
- 5]. Blades should be attached after motor housing is hung and in place. Fan motor housing should be kept in carton until ready to be installed to protect its finish. If you are installing more than one ceiling fan, make sure that you do not mix fan blade sets.
- 6]. After making electrical connections, spliced conductors should be turned upward and pushed carefully up into outlet box. The wires should be spread apart with the grounded conductor and the equipment - grounding conductor on one side of the outlet box and the " HOT " wires on the opposite side.
- 7]. Electrical diagrams are for reference only. Light kits that are not packed with the fan must be UL/ETL listed and should be installed per the light kit's installation instructions.
- 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.
- 9]. The fan can be made to work immediately after installation. There is no need to oil your fan. The motor has permanently lubricated bearings.
- 10]. The fan must be turned off and stopped before reversing fan direction.
- 11]. **The fan is for downrod mount only.**
- 12]. **This fan is reversible.**
- 13]. **This fan is controlled by remote.**
- 14]. **This fan is suitable for damp location use.**

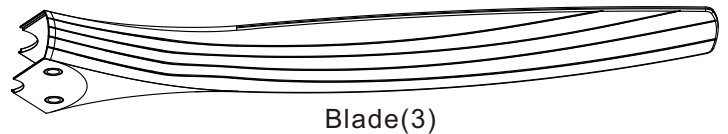
**“ Special note: All green grounding wire(s) from fan must be attached to house Ground/Earth wire to prevent flickering of LED. ”**

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

Unpack (Fan & Blades packed in one Box)











Unit pack / all in one box




**Hardware Bag**

**For Mounting Bracket:**


Flat Washer	x2		
Spring Washer	x2		
Machine Screw	x2		
Wood Screw	x2		

**For Blade Installation:**


**A. Blade Screw x 7 (Top Side)**  
 (one spare screw included)



**B. Blade Screw x 7 (Bottom Side)**  
 (one spare screw included)





**L type hexagon wrench x 1**




**Warning :**  
 Bag A : for top blade by Philips screw driver  
 Bag B : for bottom blade by hexagon wrench  
 See Blade assembly in Page 5

**For Blade Balance :**


Balanced Slide x 1 

Weight Block (3G x 5) 





**For Wire Connection:**

Wire Nut x 8 

**Remote Control (12V Battery Included)**



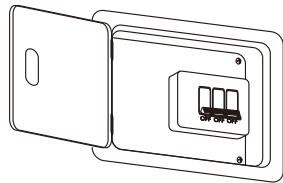
**Hardware Bag**

Wood Screw	x 2		
Wall plug anchor	x 2		

**WARNING: blades should be at least 7 feet from floor**

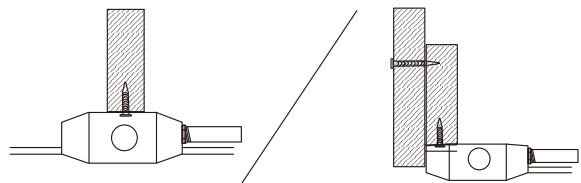
**Note 1:**

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



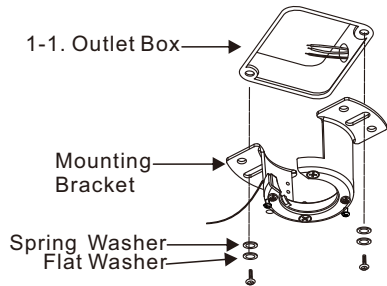
**Note 2:**

Use metal outlet box suitable for fan support. Outlet box must support 35 lbs min.

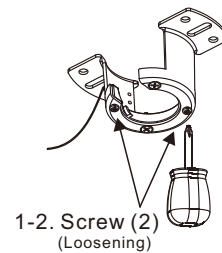


**1. HANGING SYSTEM INSTALLATION**

**1. Installing mounting bracket to ceiling outlet box**



1-1. Install mounting bracket to outlet box on ceiling by using screws included with the outlet box and washers from the hardware bag.



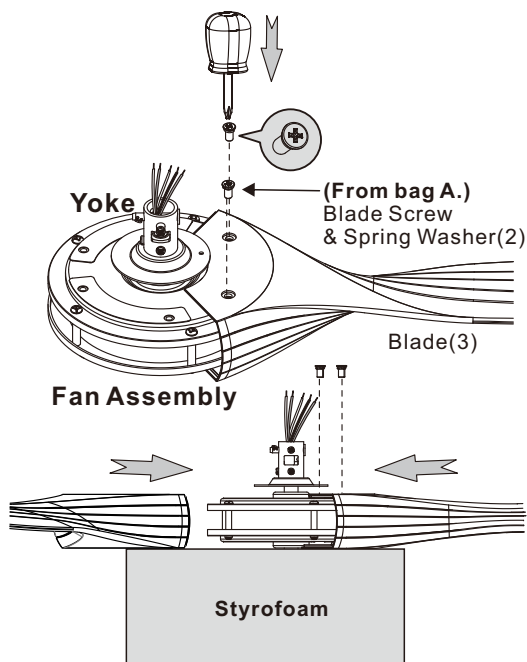
1-2. Loosen the screws at mounting bracket. **Do not remove.**

**2. BLADE INSTALLATION**

**\*Using Styrofoam as cushion for this step.**

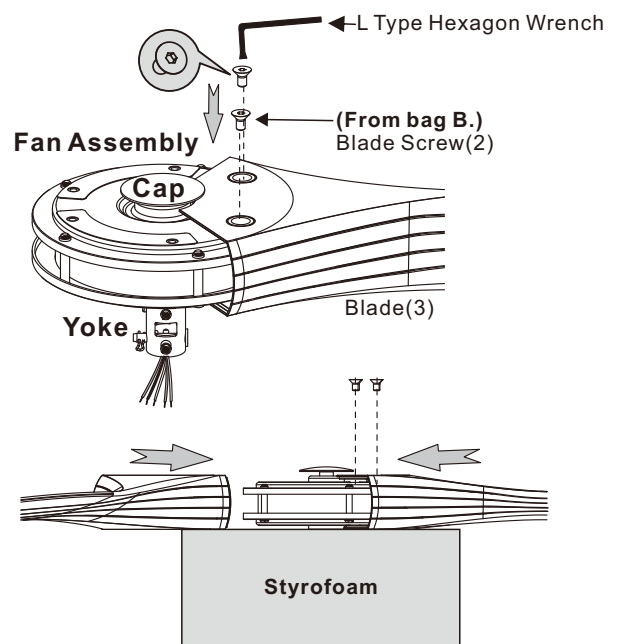
**Spacial Note: Top blade screw sets are using Bag "A" by phillips screw driver. Bottom blade sets are using bag "B" by L Hexagon Wrench.**

**\*Place the fan assembly on Styrofoam with yoke up.**



Attach blades to fan assembly by using screws(2) & spring washer(2) provided from hardware bag marked "A" on top of fan assembly.

**\*Turning the fan assembly upside(Eclipse cap up).**



Attach screws(2) on bottom of fan assembly provided from hardware bag marked "B" by using L Type Hexagon Wrench provided from hardware bag. (\* Repeat until all 3 blades are installed firmly.)

**\*Note: Make sure all blade washers & screws are tightened to avoid operating noise.**

### 3. Downrod Installation

**Downrod Assembly**

3-1. Cotter Pin → Cross Pin

Wires

**Fan Assembly**

3-2. Downrod Jam Screws (2) (Loosening)

Yoke

3-1. Remove cross pin and cotter pin from downrod.  
3-2. Loosen 2 downrod jam screws at yoke.

**Downrod Assembly**

3-3. Canopy

Deco Ring

Yoke cover

**Fan Assembly**

3-3. Insert yoke cover, deco ring, canopy onto downrod.

Lead wires

Yoke cover

Downrod Assembly

Yoke

**Fan Assembly**

3-4. Insert the lead wires through the downrod assembly.

Canopy

Yoke cover

Downrod Jam Screws (2) (Tightening)

Cross Pin

Cotter Pin

**Fan Assembly**

3-5. Insert downrod assembly into yoke and attach the cross pin through yoke & downrod, secure with cotter pin.  
3-6. Tighten both downrod jam screws to secure downrod.  
3-7. Pull down the yoke cover to cover yoke.

### 4. Hanging the fan onto mounting bracket

4-1. Lift fan assembly onto mounting bracket.

Mounting Bracket

4-2. Rotate fan so that the groove on the ball engages the ridge in the mounting bracket.

Mounting Bracket

Ridge

Ball Groove

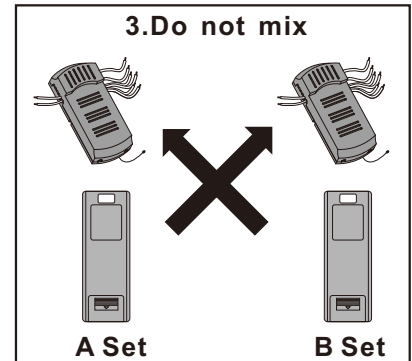
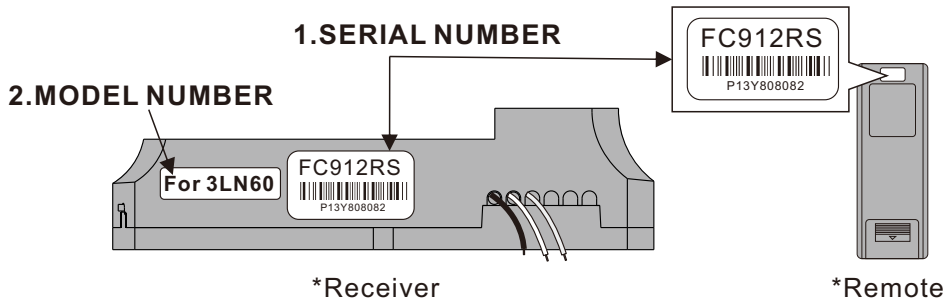
## 5. WIRE CONNECTION

### 5-1. Check the serial No. & Model No. on the receiver & Transmitter

**NOTICE :**

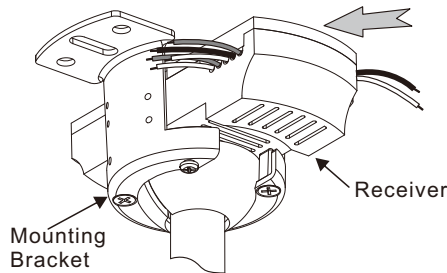
All remote sets for DC motor are looked the same, this remote set (Transmitter and receiver) is pre-set at factory, please note the following before operation,

1. The serial number on transmitter and receiver must be the same.
2. The label also shows the model number on receiver.
3. Do not mix the remote sets if you are installing more than one fan.



### 5-2. Insert receiver into mounting bracket

**NOTE:** Do not squeeze all the wires while inserting the receiver into the mounting bracket.



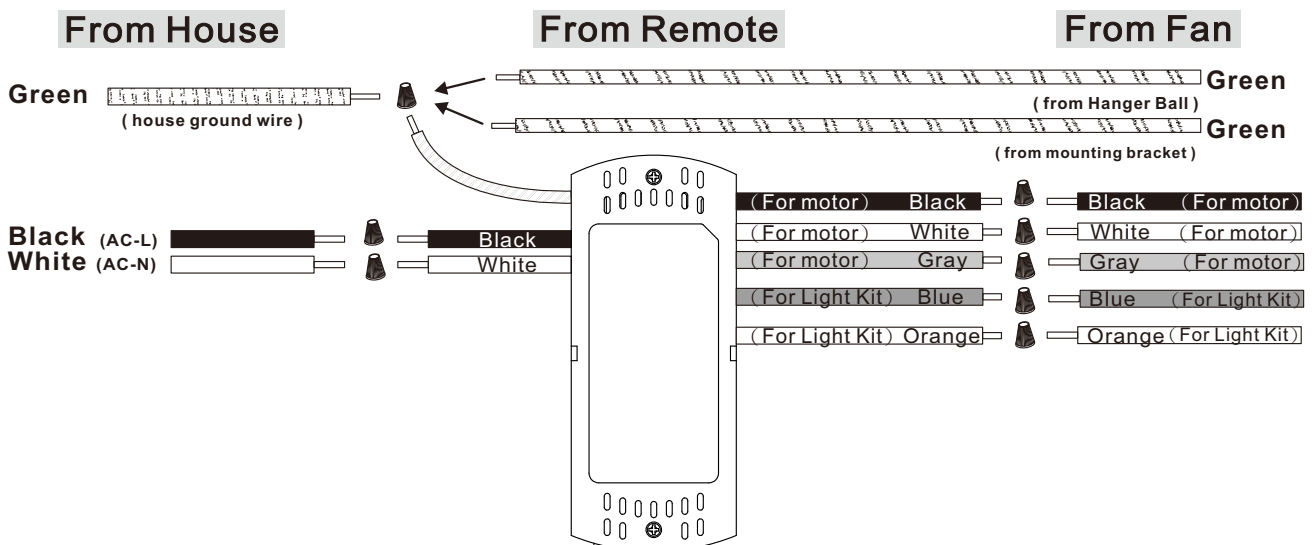
### 5-3. Making electrical wire connection

The standard lead wires are for 72" downrod.

You may need to cut all 5 lead wires (from motor) in proper length & strip them for wire connection and it is easier for Canopy installation.

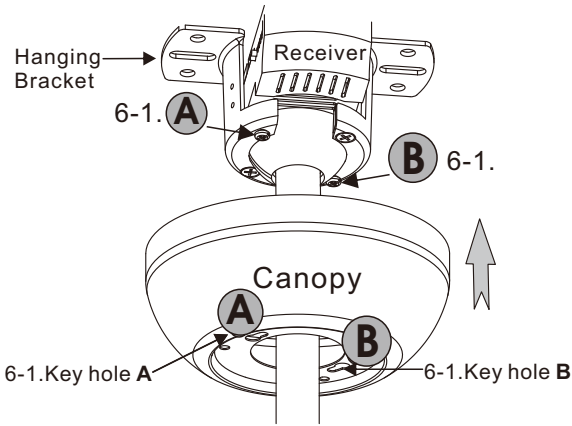
Follow diagram below and make sure that all exposed wires are secured inside wire nuts or terminal block.  
Note : Wires from house may vary in color and may not include ground wire (green).

After wiring is completed, gently push wires into junction box with wire nuts pointing upward.



**“ Special note: All Green grounding wires, from Hanger ball/Mounting bracket/Receiver, must be well attached to House Ground/Earth to prevent flickering of LED. ”**

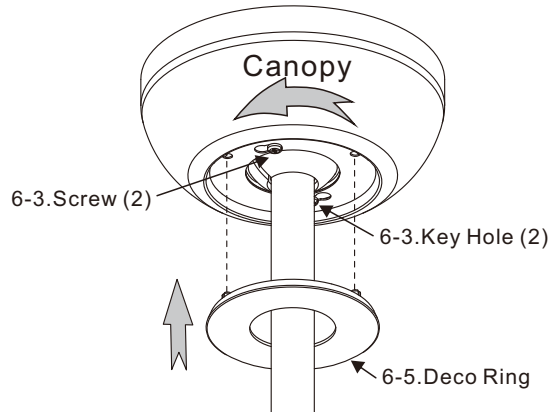
## 6. CANOPY INSTALLATION



**Note:** Two screws are installed on mounting bracket for canopy installation.

6-1. Push canopy up until the two pre-screwed screws on the mounting bracket are engaged with the two key holes on canopy.

6-2. Before rotating the canopy, make sure Key hole **A** & **B** of the canopy correspond to **A** & **B** positions of the hanging bracket.

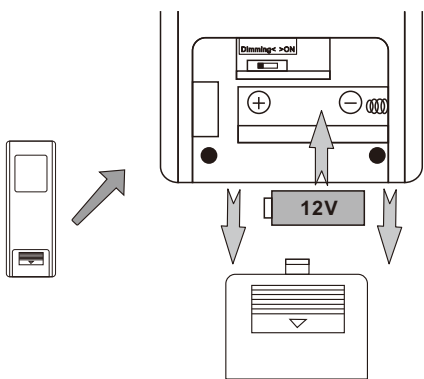


6-3. Rotate canopy slightly until the two pre-installed screw heads are engaged in the narrow end of key holes.

**6-4. Tighten both screws.**

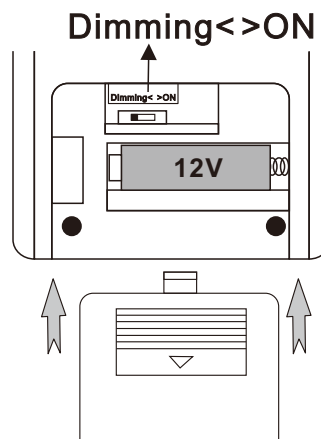
6-5. Aligning the nubs from Deco Ring to 3 holes on the canopy, push Deco Ring up and snap into the canopy.

## 7. TRANSMITTER INSTRUCTION



### **7-1. Install the battery**

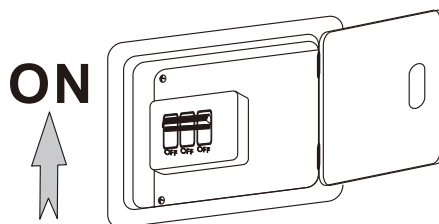
Remove the back cover and install the 12V battery. (Included from remote box)



### **7-2. Check the dip switch position**

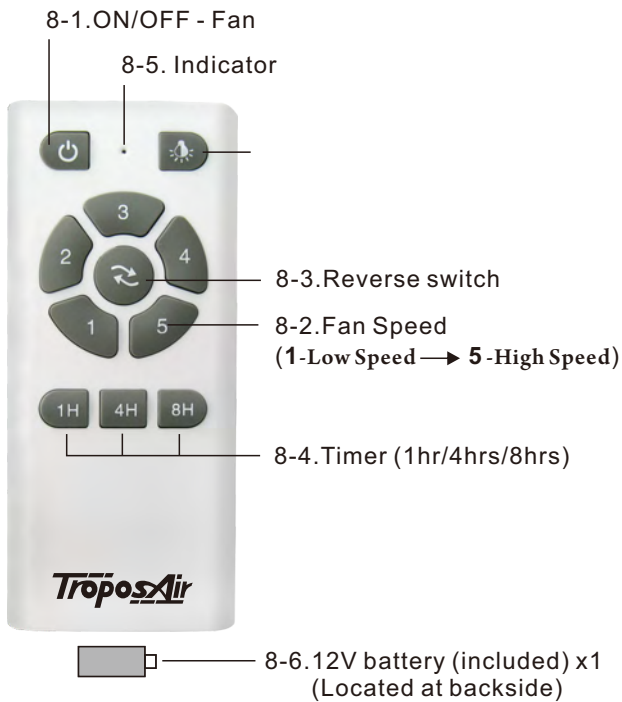
(Original dip switch is on Dimming position)  
Set dip switch in **dimming** position for LED dimming.  
Set dip switch in **On** position for LED ON/OFF only.

### **7-3. Install the back cover back.**



**Turn on power at breaker box, the fan is ready for operation!  
(The receiver will have beep sound)**

## 8. OPERATIONAL INSTRUCTION



**All the button you press will have Beep sound. The indicator will turn red light.**

8-1. Press  button to turn the fan ON/OFF.

**Warning: DO NOT PRESS THE  BUTTON MORE THAN 4 SECONDS TO AVOID PREPROGRAM UNIT INTO RESETTING STATUS!!.**

**Note: The fan will start forward & backward for 2~3seconds when start the fan.**

8-2. Fan Speed: 1-Low Speed → 5-High Speed

8-3. Reverse switch

8-4. Timer (1hr/4hrs/8hrs)

8-5. Indicator

8-6. 12V battery (included) x1  
(Located at backside)

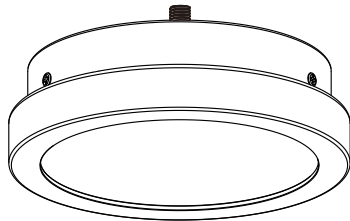
8-7. Light (#630 is not included)

Short press for Light ON/OFF

Hold the button for dimming the light  
(from low to top cycling)

**NOTE: Make sure the DIP switch is on dimming position. (See 7-2 in Page 6)**

**Note: The remote has “Memorize device”, the “fan speed” & “Light” will be back to last status when you turn the fan on.**



**#630(Not included)**

Integrated type:

For only Solara / Troposair



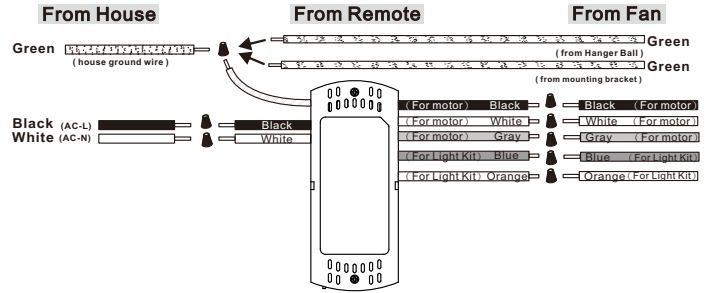
## 9. Resetting process

### For single fan

In the event the fan does not operate properly, please check the following steps.

9-1. Put down the canopy and check the all wires are connected properly.

9-2. Process the resetting as following at 9-3.




### Fan need to have “resetting process” for the following issues .

1. Missing or replacing the transmitter.
2. Missing or replacing the receiver.
3. Muti-fans at the same power line.

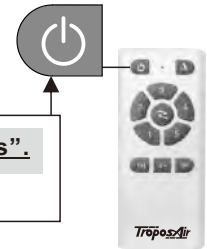
(In event, one or two fans out of three need to do the resetting in above situation.)

### 9-3. RESETTING Process for receiver and transmitter:

1. Switch off the main power  and make sure fan has completely stopped .
2. Installing the New receiver or New transmitter before process resetting.
3. Switch on the power again, and immediately.

**Press and hold the Fan On/Off button for 8 seconds until the Receiver “Long Beeps”.**

**This process must be done within 20 seconds after switching on the power.**



This fan has completed the settings successfully and the fan is ready for operation!

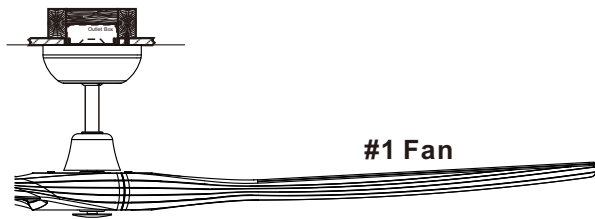
### 9-4. Resetting for Muti-fans

**Make sure to turn off power at breaker box.**

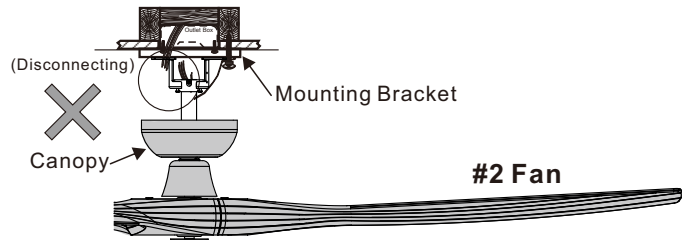


Before starting the remote control setting process, lower the canopy of #2 Fan and disconnect the Black wire. Put the wire nut on the black wire from the house

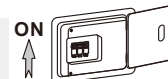
\*See the remote control setting process 9-5 to set up #1 Fan.




#1 Fan is ready for setting.

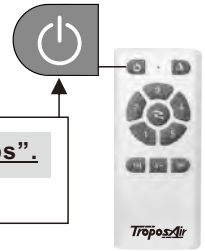


**Turn on power at breaker box and #1 Fan is ready for setting.**



**9-5. RESETTING Process for receiver and transmitter:**

1. Switch off the main power  and make sure fan has completely stopped .
2. Switch on the power again, and immediately.



**Press and hold the Fan On/Off button for 8 seconds until the Receiver "Long Beeps".**

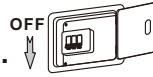
**This process must be done within 20 seconds after switching on the power.**

This fan has completed the settings successfully and #1 Fan is ready for operation!

**9-6. To set up remote for #2 Fan**

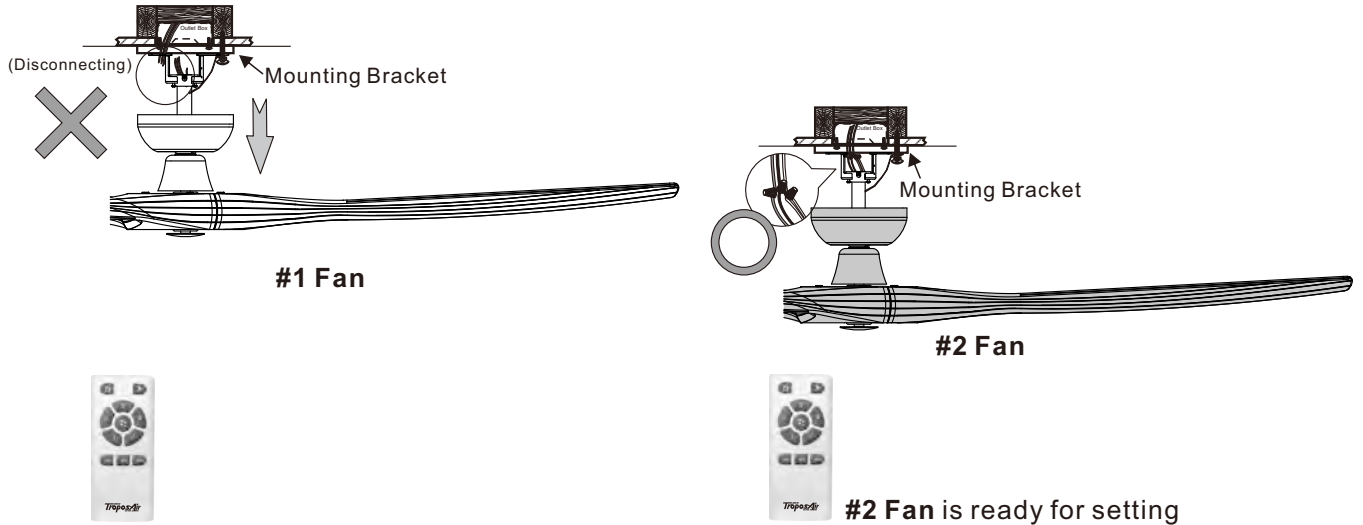
**Disconnecting wire from #1 Fan**

**Make sure to turn off power at breaker box.**

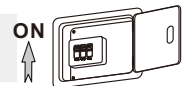


Disconnect the Black wires from #1 Fans and connect the Black wires back to #2 Fan that you remove from 9-4.

\*See the remote control setting process for 9-5 to set up #2 Fan.

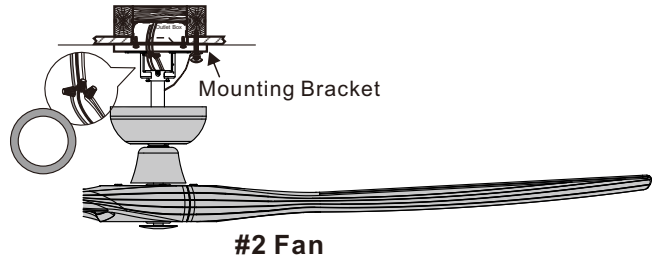
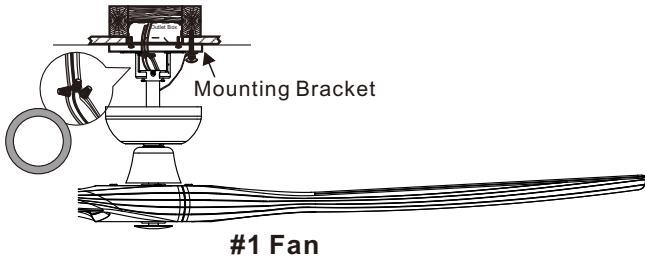


**Turn on power at breaker box and #2 Fan is ready for setting.**



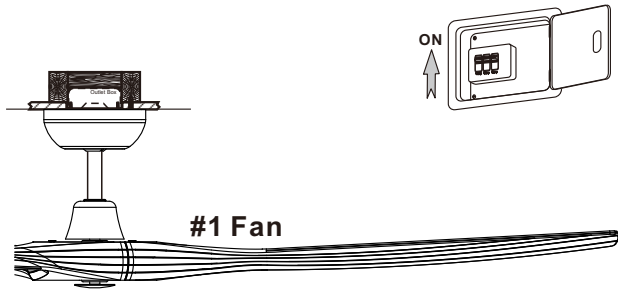
# 10. Reconnecting all fans

After all the fans have done the resetting process, reconnect all the wires for #1 fan & #2 fan.

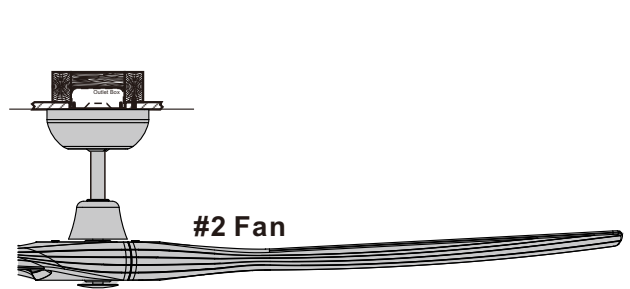


## 10-1.

Turn on the power from main switch and now each of these two fans are operated by its own remote individually.



(operating now)



(operating now)

**NOTE:** For more than two fans, the same rules apply. Make sure only one fan at a time is connected to power when doing the Remote Setting. Already completed fans should be disconnected until all fans have completed the Remote Setting process.