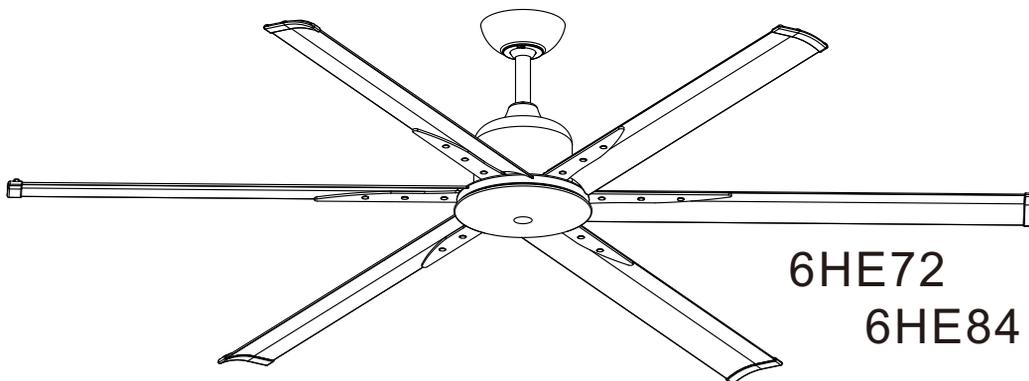
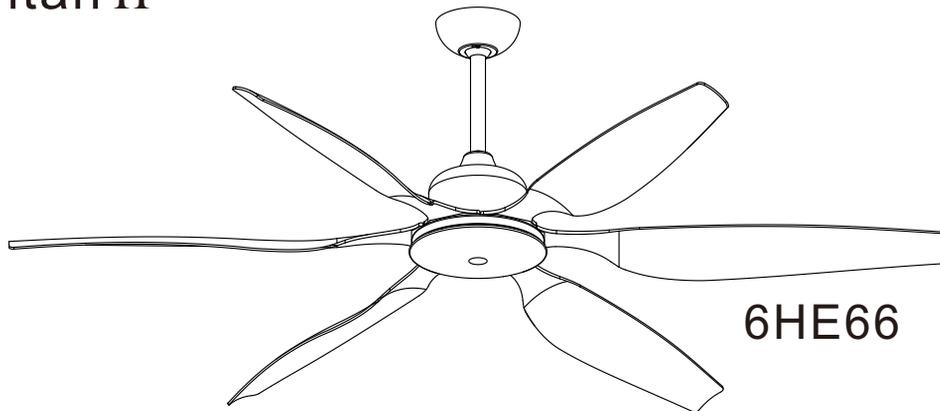


Owners Manual

TroposAir

Titan II



This instruction contains 8 pages:

- Page 1: Foreword
- Page 2: Unpack and inspect parts contained
- Page 3: Notes before installation and Hanging system installation
- Page 4: Wire connection and Canopy installation
- Page 5: Blade installation and Bottom Plate installation
- Page 6: Remote setting
- Page 7~8: Special Note (to install more than 1 fan in the same room)



Toll Free: 1-855-676-7247

size	Net weight
66"	10.1 KGS. / 22.2 LBS.
72"	12.5 KGS. / 27.5 LBS.
84"	13.0 KGS. / 28.6 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. Blades should be at least 10 feet from floor when fan is in operation.
- 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 other 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 secure to prevent fan from falling and/or causing damage or injury.
- 9]. The fan can be made to work immediately after installation. The bearings are adequately charged with grease, so that under normal conditions, further lubrication should not be necessary.
- 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.**

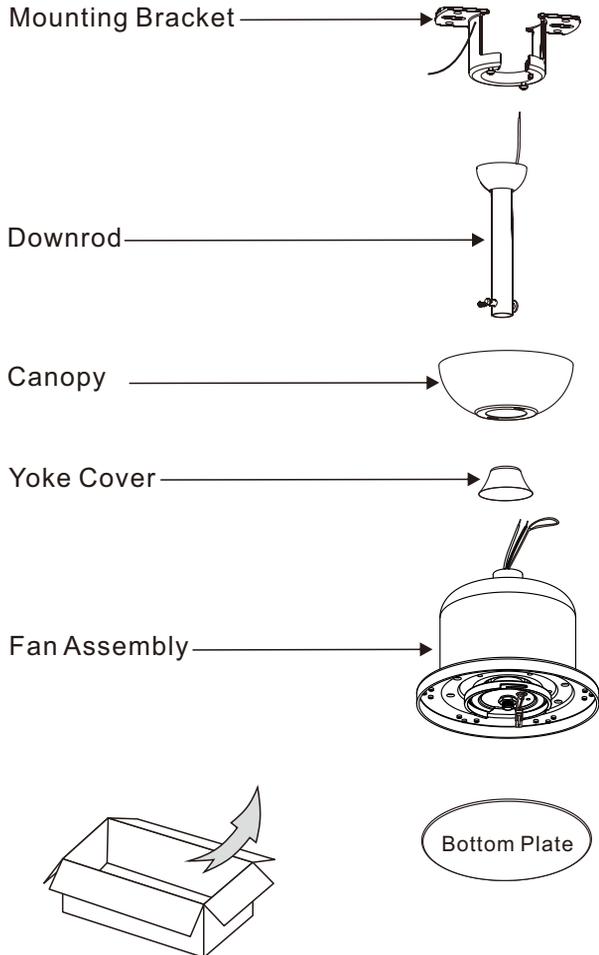
Unpack and inspect fan carefully to be certain all contents are included.

Note:

This fan is designed for the following 3 sizes of blades, packed in a separate box.

- * 66" resin blades (6 pcs)
- * 72" extruded alum. blades (6 pcs)
- * 84" extruded alum. blades (6 pcs)

Make sure you have received two boxes, one for fan and one for blades.



Hardware Bag

For Mounting Plate:

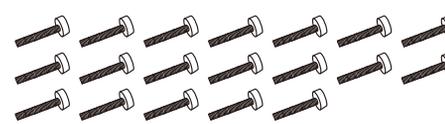
- Flat Washer x3
- Spring Washer x3
- Machine Screw x2
- Wood Screw x3

For Blade Installation:

Flat washer x 19 (one spare washer included)



Blade Screw x 19 (one spare screw included)



For Wire Connection:

- Wire Nut x 3

For Blade Balance :

- Balanced slide x 1
- Weight block (3G x 3)



Remote *Battery Included



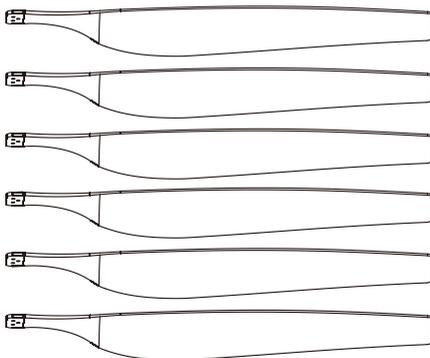
Hardware Bag

- Wood Screw x2

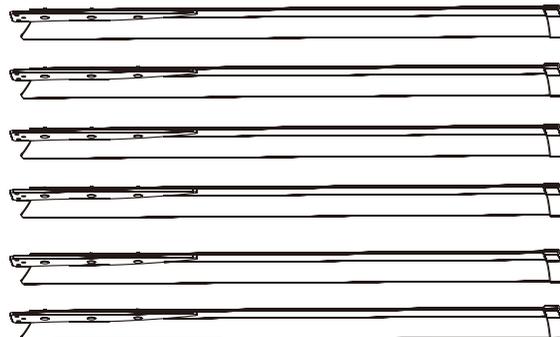


Blade Set (packed separately)

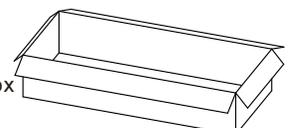
**For 6HE66+LK
(Resin blades)**



**For 6HE72+LK / 6HE84+LK
(Extruded alum. blades)**



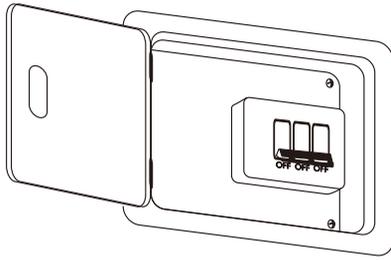
6 pieces per set in a box



WARNING: blades should be at least 10 feet from floor

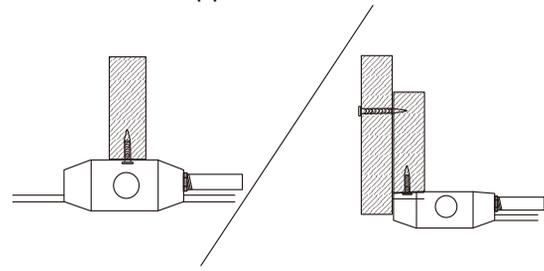
Note 1:

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



Note 2:

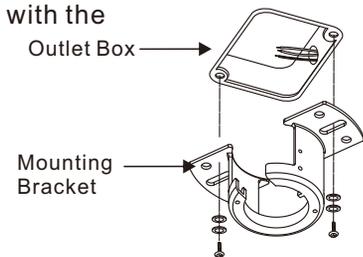
Use metal outlet box suitable for fan support.
Outlet box must support 35 lbs min.



1. HANGING SYSTEM INSTALLATION

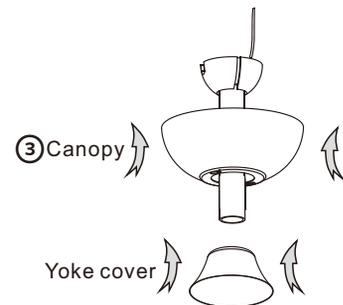
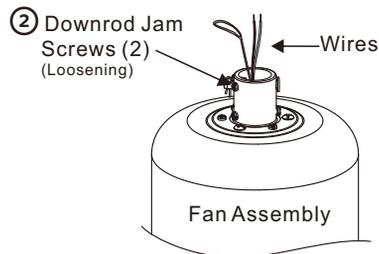
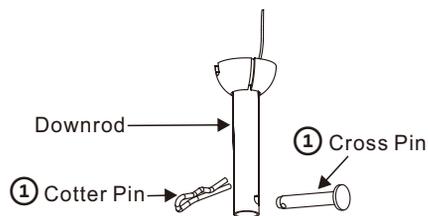
1A. Installing mounting bracket to ceiling outlet box

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

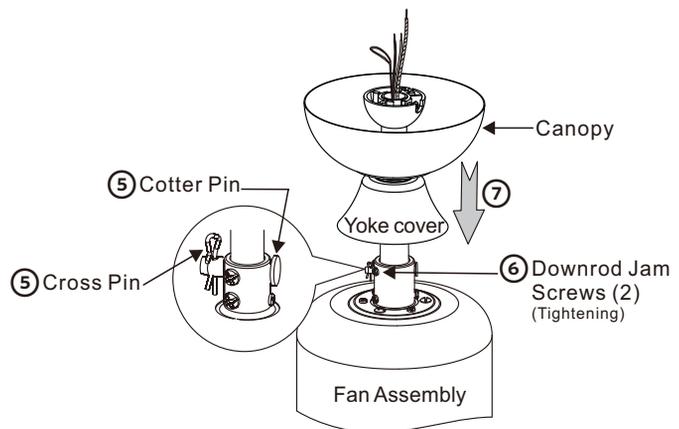
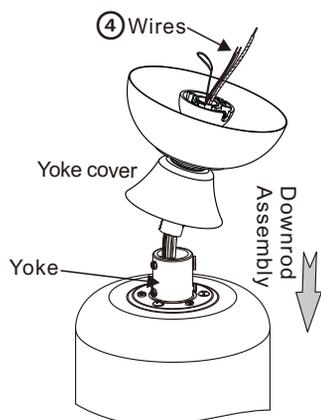


1B. Installing Downrod and Yoke

- ① Remove cross pin and cotter pin from downrod.
- ② Loosen 2 downrod jam screws at yoke.
- ③ Insert yoke cover, deco ring, and canopy onto downrod.

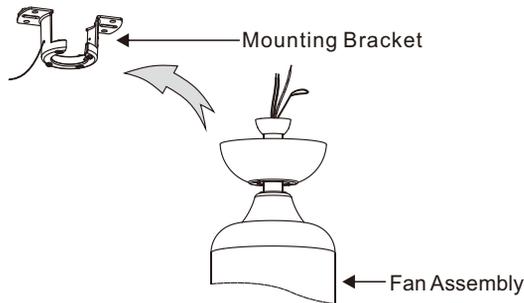


- ④ Feed motor lead wires through downrod.
- ⑤ Insert downrod assembly into yoke and insert the cross pin through yoke & downrod, **secure with cotter pin.**
- ⑥ **Tighten both downrod jam screws to secure downrod.**
- ⑦ Pull down the yoke cover to cover yoke.

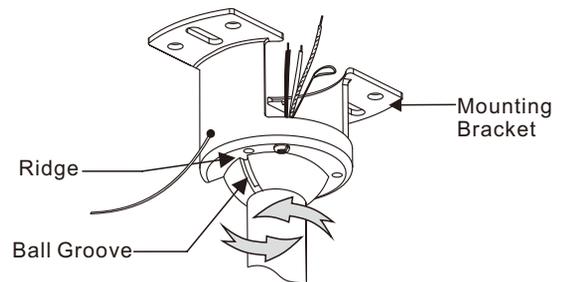


1C. Hanging the fan

① Lift fan assembly onto mounting bracket.



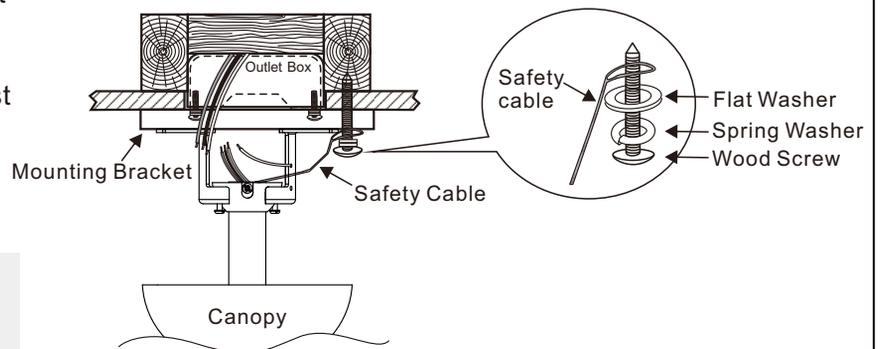
② Rotate fan so that the groove on the ball engages the ridge in the mounting bracket.



2. WIRE CONNECTION

2A. Attaching safety cable to ceiling joist

Use wood screw, spring washer, and flat washer from hardware bag. Pass wood screw through closed loop of safety cable. Secure wood screw to ceiling joist through any available slot on mounting bracket. Make sure safety cable has been tightened securely.

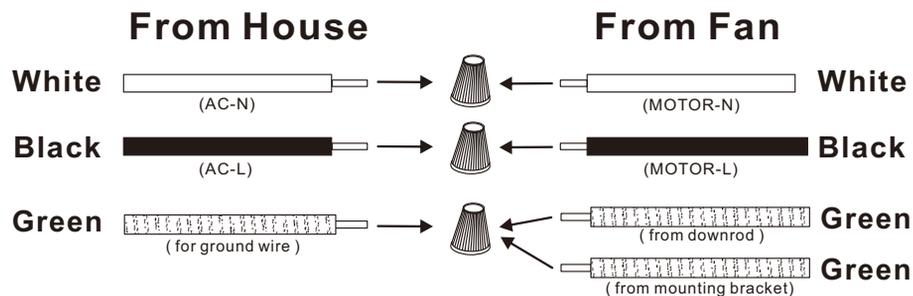


CAUTION: THE WOOD SCREW AND ITS SUPPORT MUST BE ABLE TO FULLY SUPPORT THE WEIGHT OF AT LEAST 100 LBS.

2B. Making electrical wire connection

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).

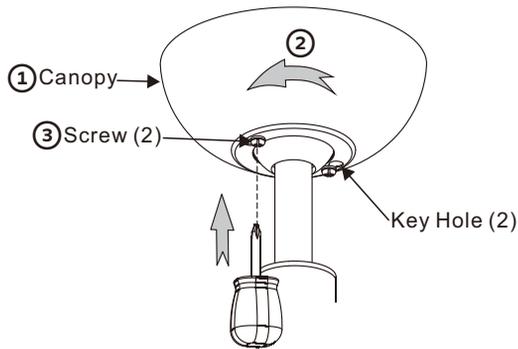
- *White wire from house to white wire from fan
- *Black wire from house to black wire from fan
- *Ground wire from house to green wires from downrod and from mounting bracket
- *Secure with twist - lock wire nuts (provided from hardware bag)
- *Gently push wires into junction box with wire nuts pointing upward.



3. CANOPY INSTALLATION

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

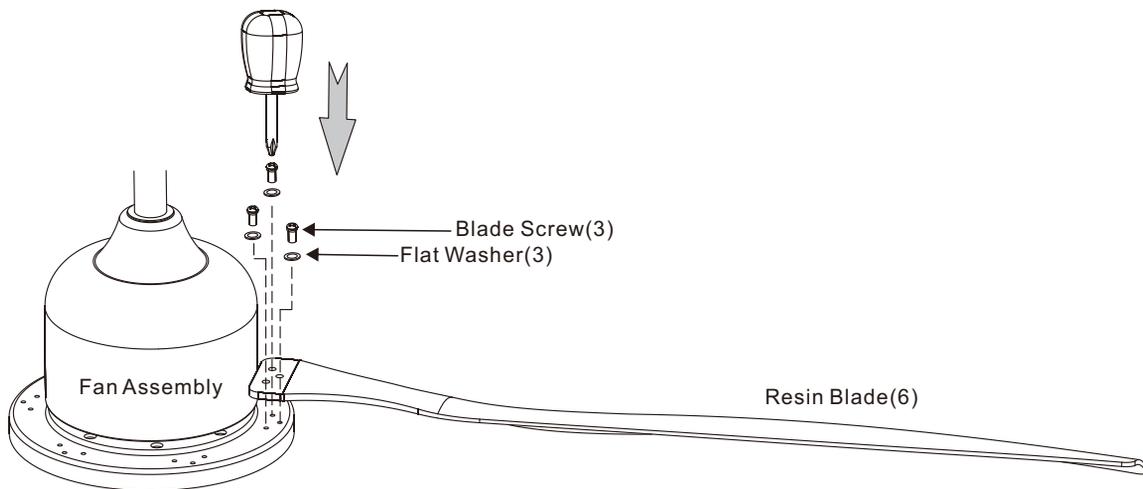
- ① Push up canopy until two screws pre-screwed on mounting bracket are engaged with two key holes on canopy.
- ② Rotate canopy slightly until two pre-installed screw heads are engaged in the narrow end of key holes.
- ③ Tighten both screws.



4. BLADE INSTALLATION

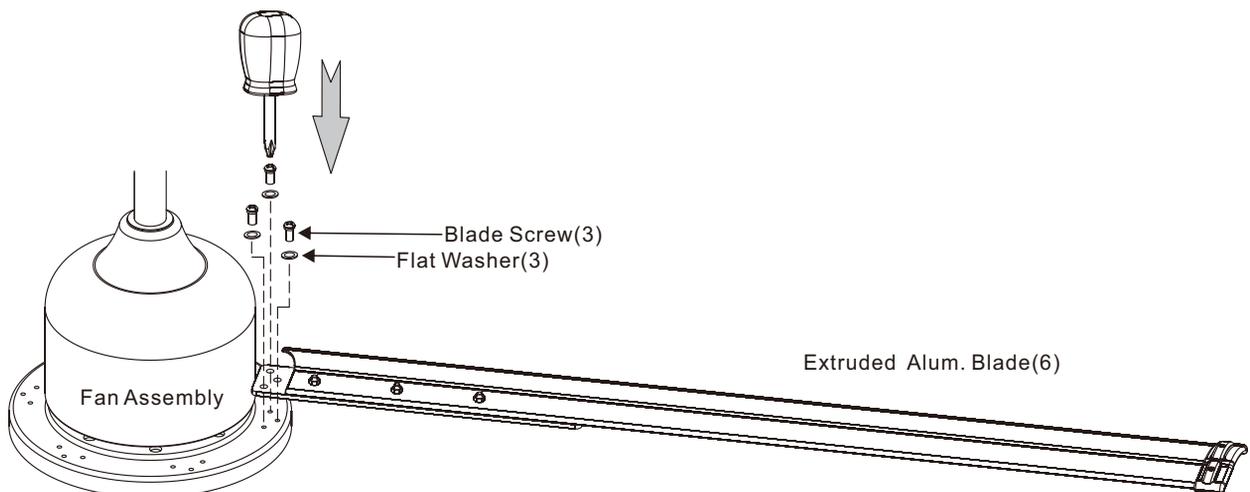
4A. For 66" Resin Blades

Attach blades to fan assembly by using flat washers & screws provided from hardware bag.
(* Repeat until all 6 blades are installed firmly.)



4B. For 72" / 84" Extruded Alum. Blades

Attach blades to fan assembly by using flat washers & screws provided from hardware bag.
(* Repeat until all 6 blades are installed firmly.)

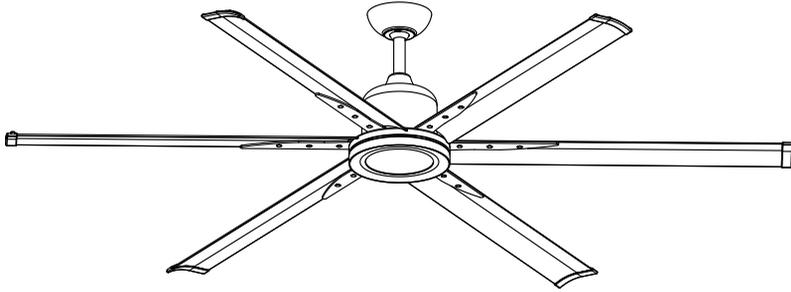


5. BOTTOM PLATE INSTALLATION

For use with light kit:

5A.

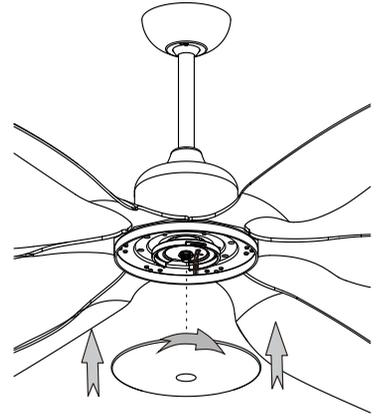
If you have purchased the optional Light Kit please refer to the Light Kit Installation instructions provided with the Light Kit, then resume these instruction at Step 6.



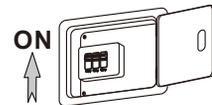
For non-light use:

5B.

Attach the bottom plate by screwing it clockwise onto the light kit pan.



6. Turn on power at breaker box for remote setting.



7. REMOTE SETTING

7A. Initial Settings (Back side of Transmitter)

1. Code setting on TRANSMITTER.

① Remove battery cover.

② FAN code setting:

There are 4 switches for 16 possible code combinations just in case your house has other fans installed with the same codes. You may change your code switches by using a small screwdriver or ball point pen to slide each code switch up or down.

③ Light "On/Off-Dimming" dip switch:

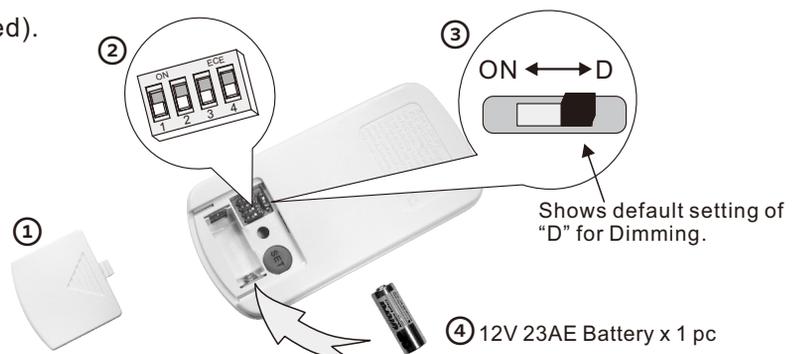
See below drawing ③

* **ON** = ON/OFF only

* **D** = Dimming/ON/OFF

The optional Light Kit for this fan uses a Dimmable LED Array, so this dip switch should remain in the "D" position unless ON/OFF only operation is desired.

④ Install 12V 23AE battery x 1 pc (included).



7C. SETTING before starting fan

Press the button "SET" for 3-5 seconds till the fan starts reverse operation (clockwise).
Install battery cover on transmitter.

This fan is doing setting now and will do the following steps to complete its setting automatically.

- Reverse operation (clockwise) for about 2.5 minutes
- Stop
- Forward operation (anti-clockwise) for about 2.5 minutes
- Stop

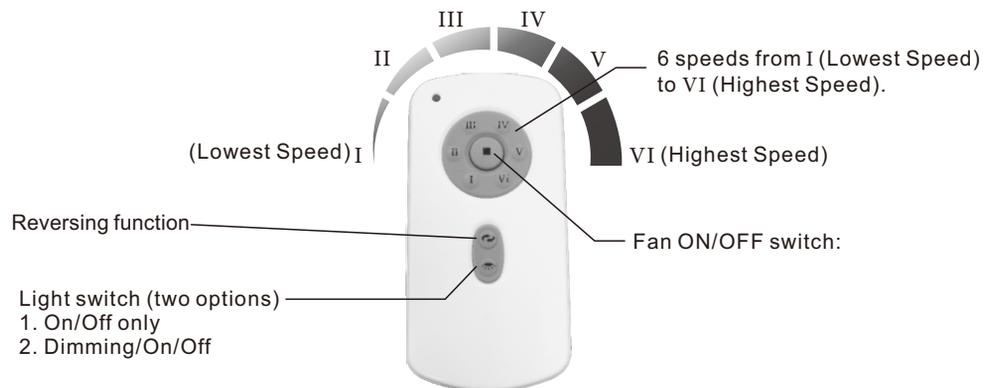
Total 5 minutes for its setting, this fan has completed setting successfully!

IMPORTANT:

In event of no operating, do the following step for re-setting:
Switch off the main power and wait for 10 seconds, then switch on the power again and do the above setting again.



7D. TRANSMITTER BUTTON



Your fan is ready for operation.

Attention: See "Special note" on Pg.8 and Pg.9 if you plan to install MULTIPLE FANS WITH DIFFERENT FREQUENCY CODES.

Troubleshoot

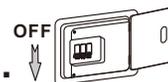
Special note: To install multiple fans with different frequency codes.

If you are installing more than one fan in the same area, the remote setup can affect all fans in the area. To have precise control over each fan and light, each fan / remote must be set-up by itself. **To avoid frequency interference**, please do the following steps so the fans can be operated independently by its own remote.

The following steps are based on the status of

- First DC fan (#1 fan) has completed its setting and is operating in good condition.
- Second DC fan (#2 fan) now is completing its assembling steps and ready for "set up".
- The main switch is "OFF".

Make sure to turn off the power at breaker box for step 1.



- Lower the canopy from the 1st Fan and disconnect the Black wire. Put the wire nut on the black wire from the house. The 1st Fan will remember its current setting.



- Remember to set a different Fan Code Setting on the 2nd fan, and follow the Remote Setting steps 7A through 7C from page 6 and 7.



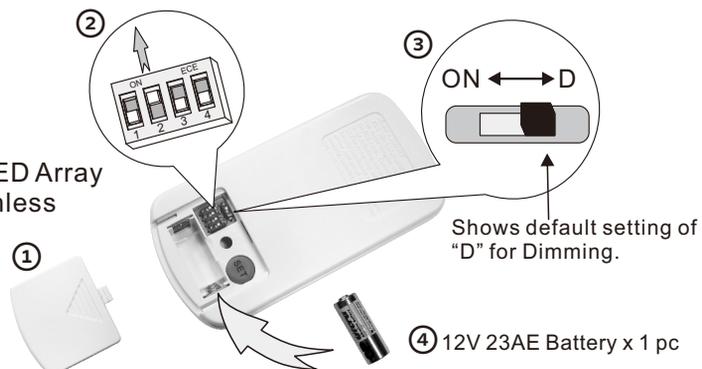
7A. Initial Settings (Back side of Transmitter)

1. Code setting on TRANSMITTER.

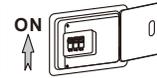
- Remove battery cover.
- FAN code setting:
There are 4 switches for 16 possible code combinations just in case your house has other fans installed with the same codes. You may change your code switches by using a small screwdriver or ball point pen to slide each code switch up or down.
- Light "On/Off-Dimming" dip switch:
See below drawing ③
* **ON** = ON/OFF only
* **D** = Dimming/ON/OFF

The optional Light Kit for this fan uses a Dimmable LED Array so this dip switch should remain in the "D" position unless ON/OFF only operation is desired.

- Install 12V 23AE battery x 1 pc (included).



7B. Turn on power at breaker box for remote setting.



7C. SETTING before starting fan

Press the button "SET" for 3-5 seconds till the fan starts reverse operation (clockwise).
Install battery cover on transmitter.

This fan is doing setting now and will do the following steps to complete its setting automatically.

- └ Reverse operation (clockwise) for about 2.5 minutes
- └ Stop
- └ Forward operation (anti-clockwise) for about 2.5 minutes
- └ Stop

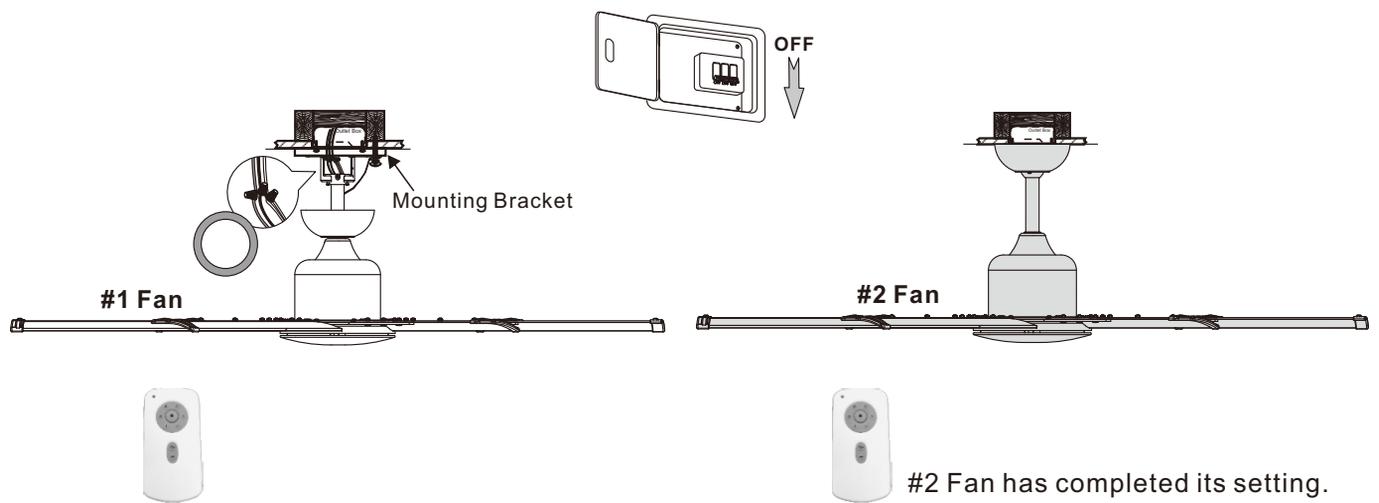
Total 5 minutes for its setting, this fan has completed setting successfully!

IMPORTANT:

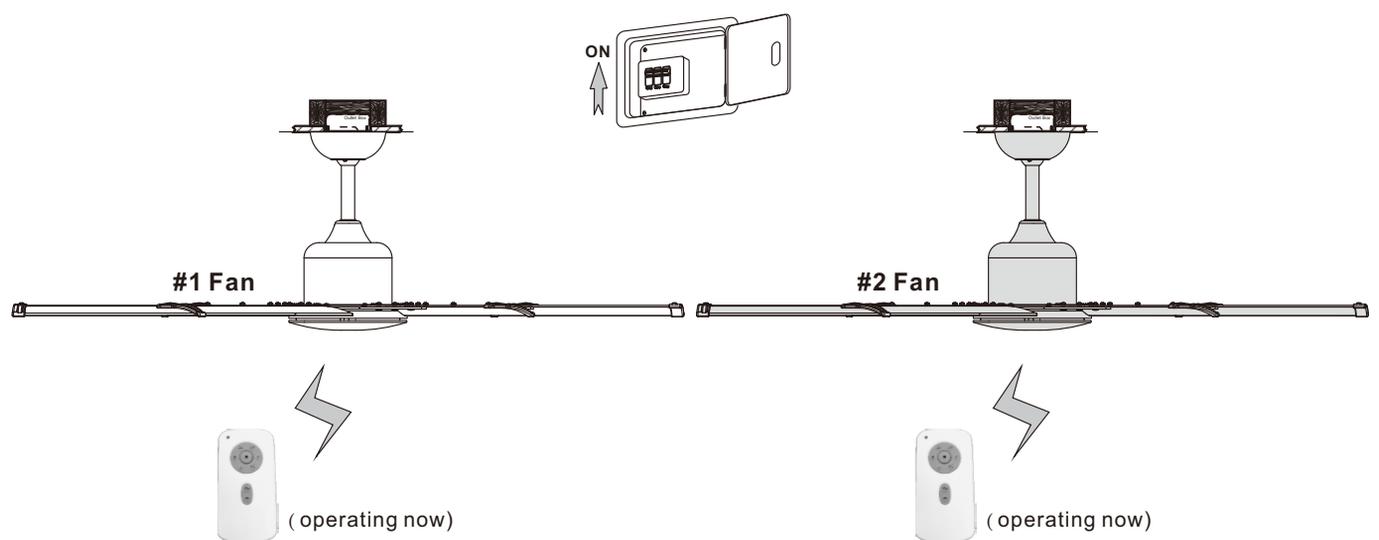
In event of no operating, do the following step for re-setting:
Switch off the main power and wait for 10 seconds, then switch on the power again and do the above setting again.



3. Turn off the power from main switch and install the AC Black wires to the 1st Fan which was previously removed from **step 1** (see **step 1** in **Pg.8**) and secure with wire nut.



4. Turn on the power from the main switch. The two fans are now operated individually by its own remote.



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. Fans that have completed the setting process should be disconnected until all fans have completed the Remote Setting process.