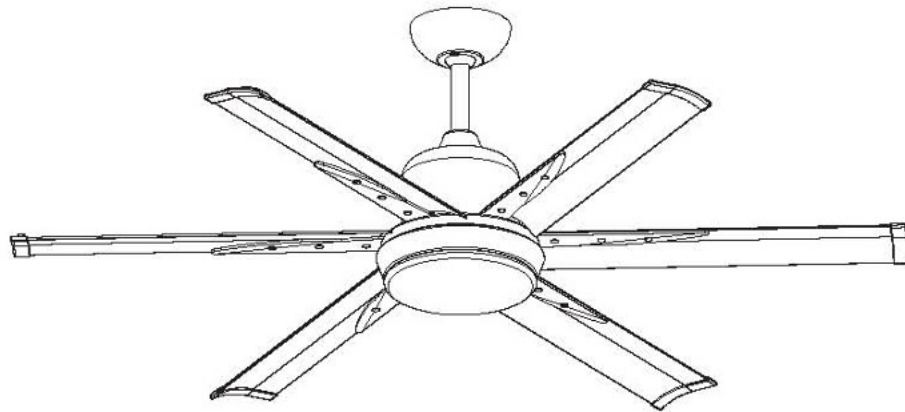


Owners Manual

TroposAir
DC-6



6HE52+LK

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 Light kit 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

Net weight

11.5 KGS.
25.3 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 suitable for flat or sloped ceilings.**
- 12]. **This fan is reversible.**
- 13]. **This fan includes optional light kit.**
- 14]. **This fan is controlled by remote.**
- 15]. **This fan is suitable for damp location use.**

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



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)



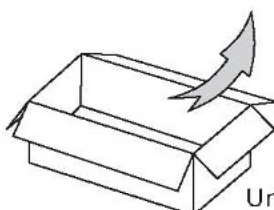
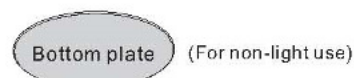
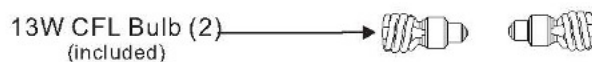
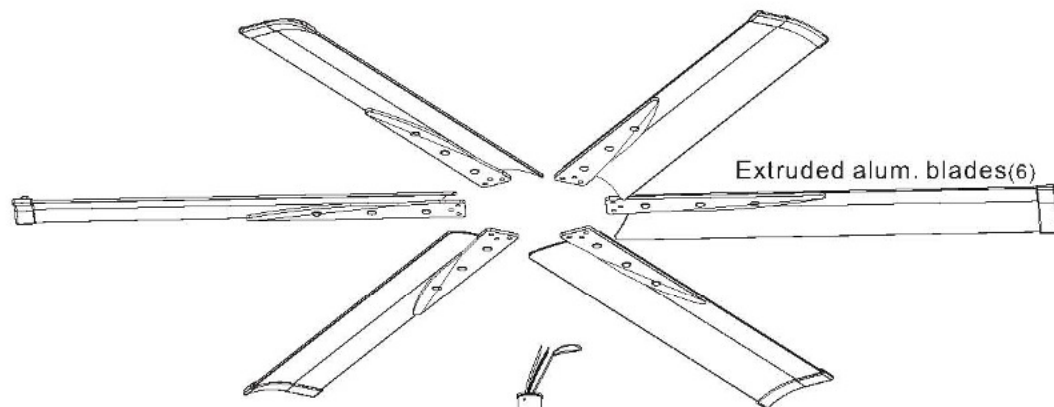
Blade Screw x 19 (one spare screw included)



For Blade Balance :

Balanced slide x 1

Weight block (3G x 3)



Unit pack / all in one box

Remote *Battery Included



Hardware Bag

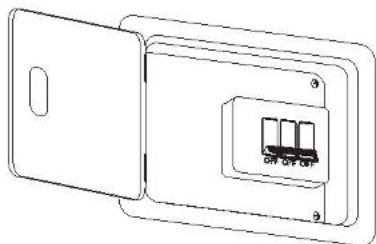
Wood Screw x2



WARNING: blades should be at least 10 feet from floor

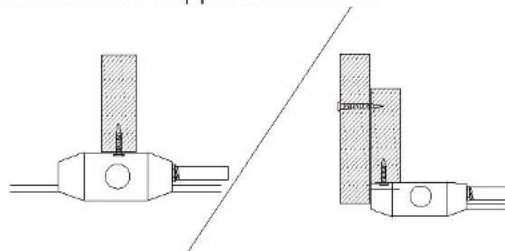
Note 1:

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



Note 2:

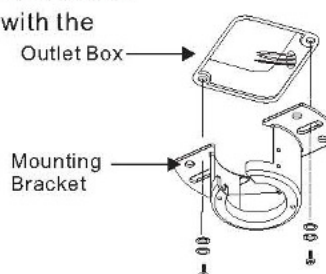
Use metal outlet box suitable for fan support.
Outlet box must support 35 lbs min.



1. HANGING SYSTEM INSTALLATION

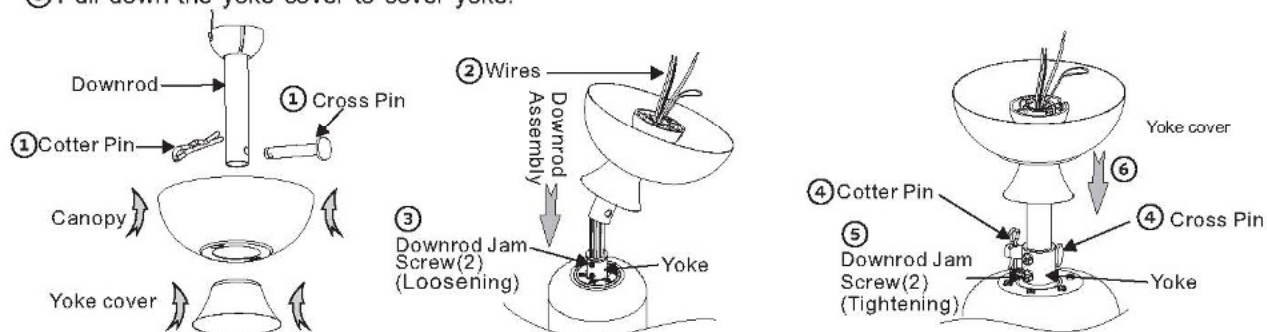
1A. Installing mounting bracket to ceiling outlet box

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

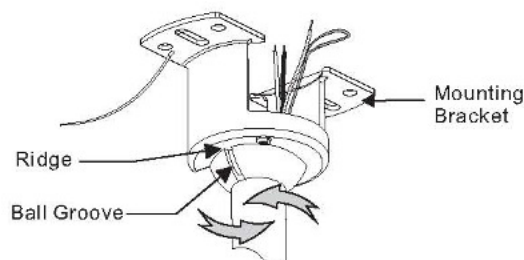
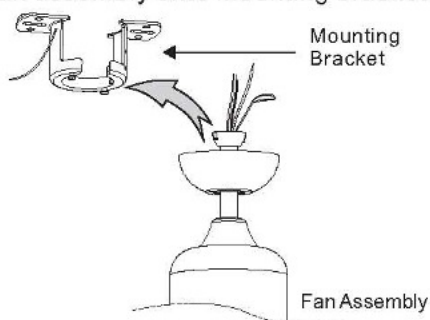
- ① Remove cross pin and cotter pin from downrod.
- ② Insert downrod through canopy and yoke cover, and feed motor lead wires through downrod.
- ③ Loosen 2 downrod jam screws at yoke. Insert downrod assembly into yoke.
- ④ Insert the cross pin through yoke & downrod and secure with cotter pin.
- ⑤ Tighten both downrod jam screws to further secure downrod.
- ⑥ Pull down the yoke cover to cover yoke.



1C. Hanging the fan

Lift fan assembly onto mounting bracket.

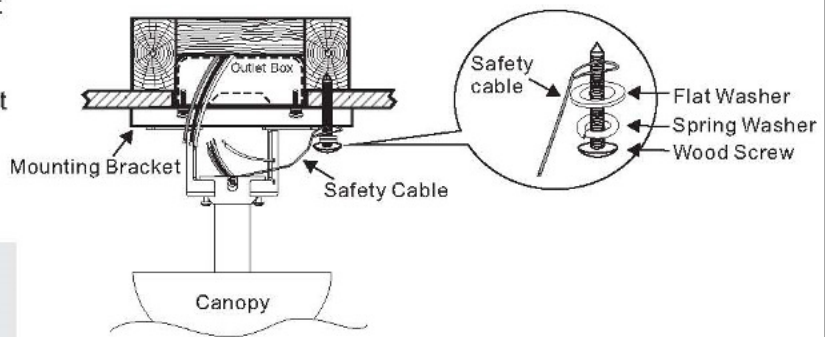
Rotate fan so that the groove on the ball engages the ridge in the mounting bracket.



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).

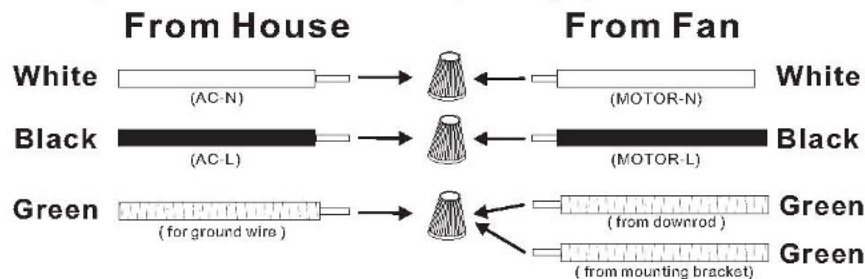
***White wire from house to white wire from fan**

***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)**

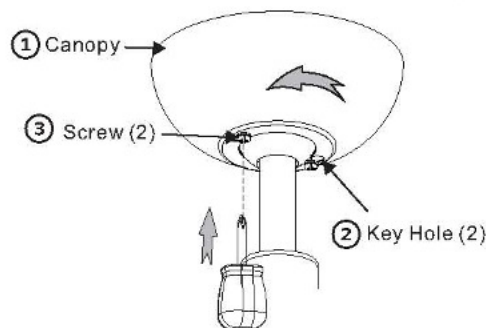
***Gently push wires into junction box with wire nuts pointing upward.**



3. CANOPY INSTALLATION

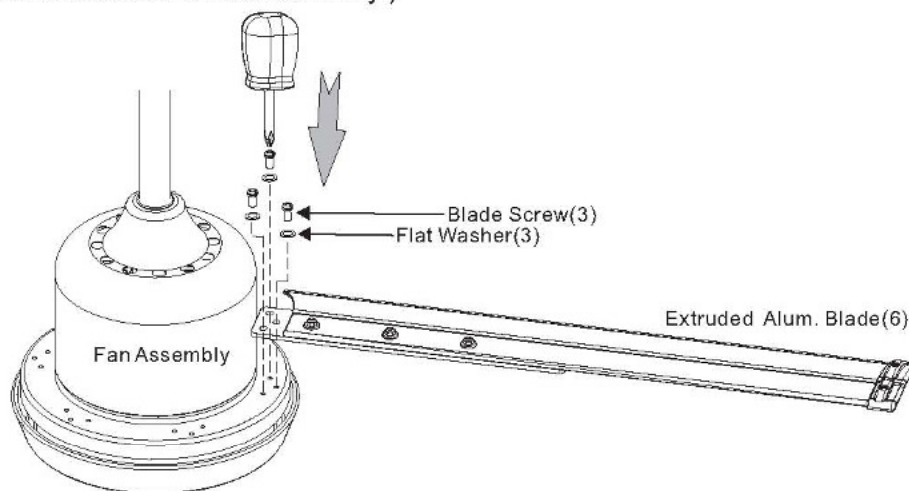
Note: Two screws are pre-installed on mounting bracket for canopy installation.

- 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.



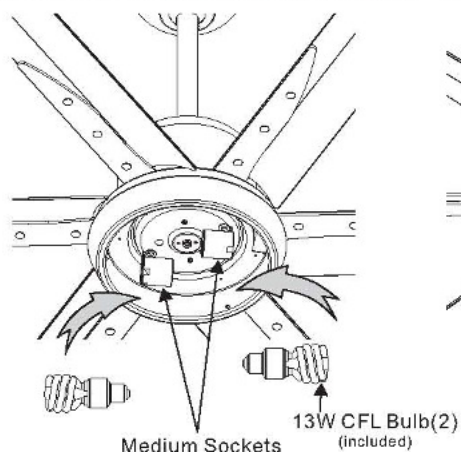
4. BLADE INSTALLATION

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

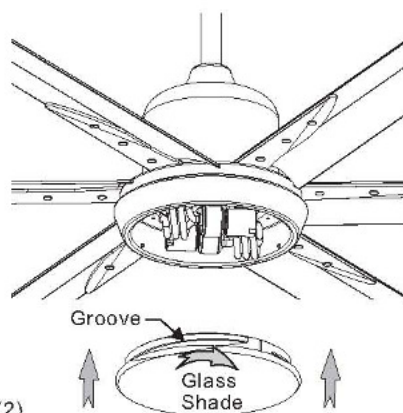


5. LIGHT KIT INSTALLATION

5A.
Install the bulbs (13W CFL x2 included)
to the medium base sockets properly.

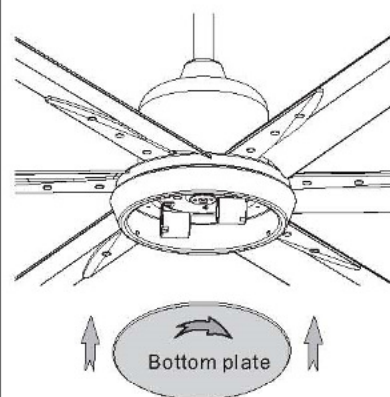


5B.
Attach the glass shade by screwing
it onto the light kit pan clockwise.



For non-light use:

5C.
Attach the bottom plate by screwing
it clockwise onto the light kit pan.



6.REMOTE SETTING

6A. 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:

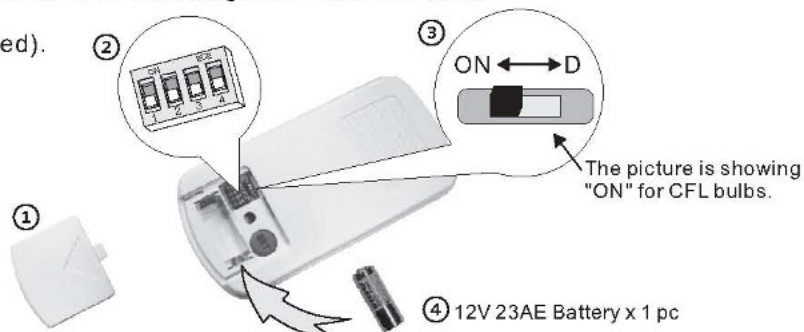
See below drawing ③

* **ON** = ON/OFF for CFL bulbs

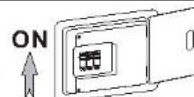
* **D** = Dimming for incandescent bulbs

This fan includes CFL bulbs x 2. Using these bulbs, you may skip this step as it is at "ON" position. You may change the dip switch to "D" position when installing incandescent bulbs.

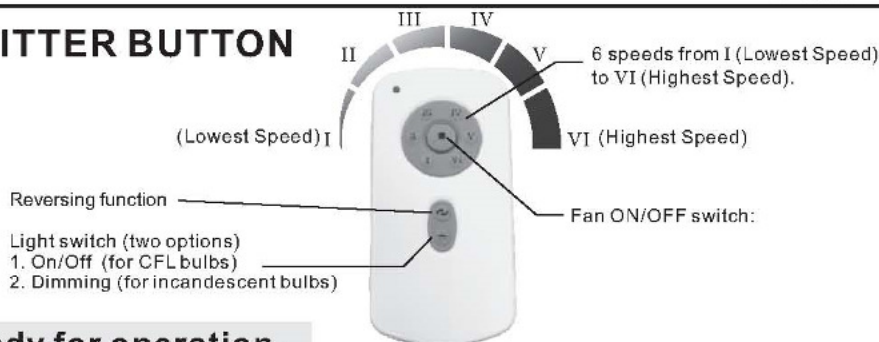
④ Install 12V 23AE battery x 1 pc (included).



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



6C. TRANSMITTER BUTTON



Your fan is ready for operation.

IMPORTANT:

In the event of no operation, do the following to reset the remote:
Switch off the main power and wait for 10 seconds, then switch on the power again and immediately do the setting below.

6D. 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

After a total of 5 minutes, this fan has completed setting successfully!



Attention: See "Special note" on next pages if you plan to install MORE THAN ONE FAN in THE SAME room.

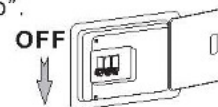
Special note: to install more than 1 fan in the same room.

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 by its own remote in the same room.

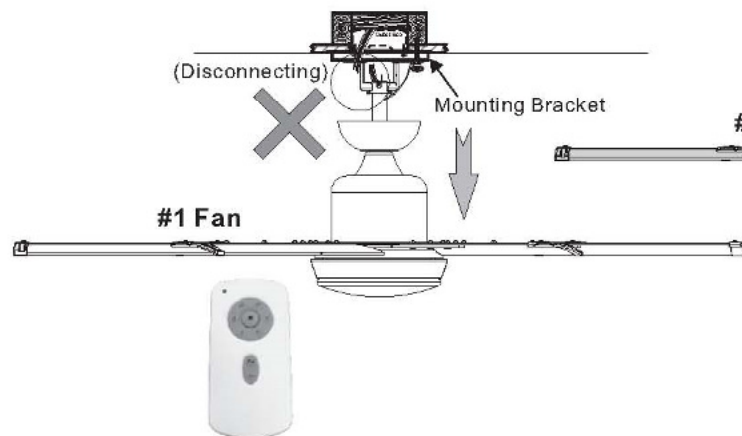
The following steps are based on the status of

- 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".

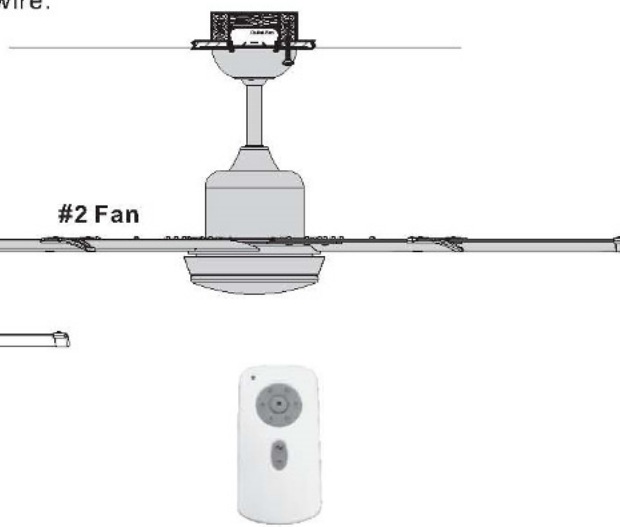
Make sure turn off power at breaker box for step 1.



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



#1 Fan has completed its set up.



You are ready to set up the #2 Fan.

2. Being sure to set a different Fan Code Setting, perform the Remote Setting steps 6A through 6D from page 6 on the #2 Fan.



6A. 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:

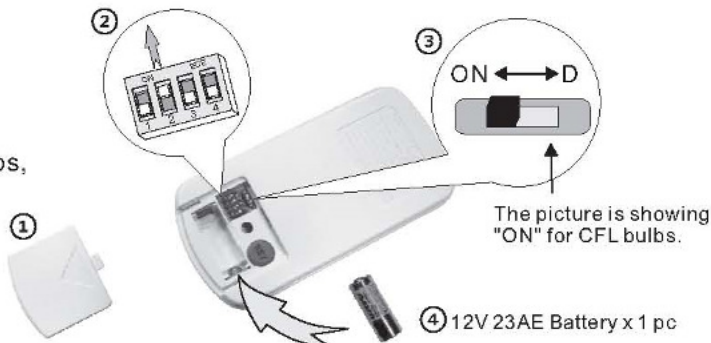
See below drawing ③

* ON = ON/OFF for CFL bulbs

* D = Dimming for incandescent bulbs

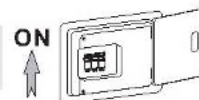
This fan includes CFL bulbs x 2. Using these bulbs, you may skip this step as it is at "ON" position. You may change the dip switch to "D" position when installing incandescent bulbs.

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



The picture is showing "ON" for CFL bulbs.

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



6D. 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

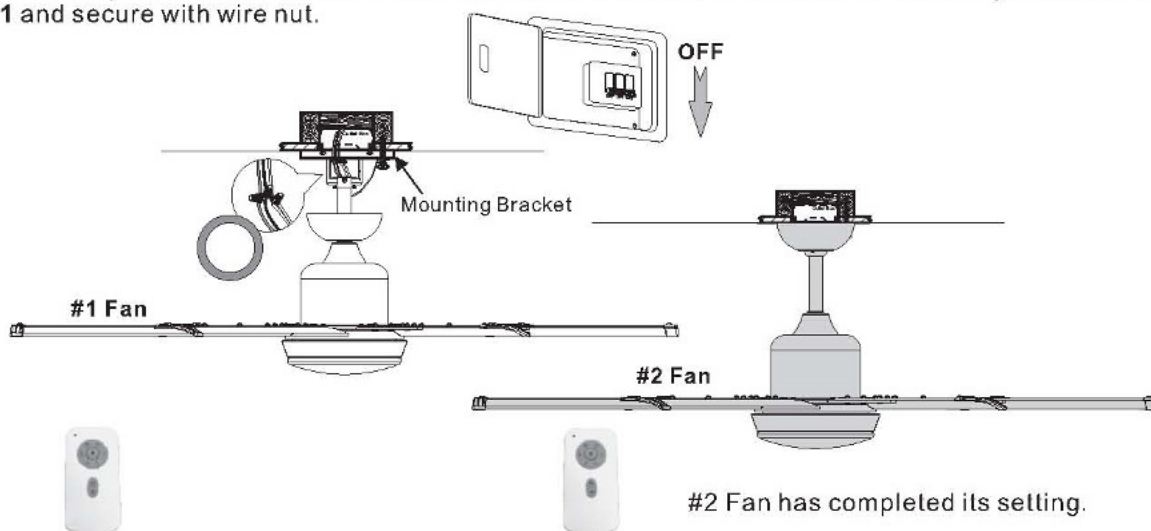
After a total of 5 minutes, this fan has completed setting successfully!

IMPORTANT:

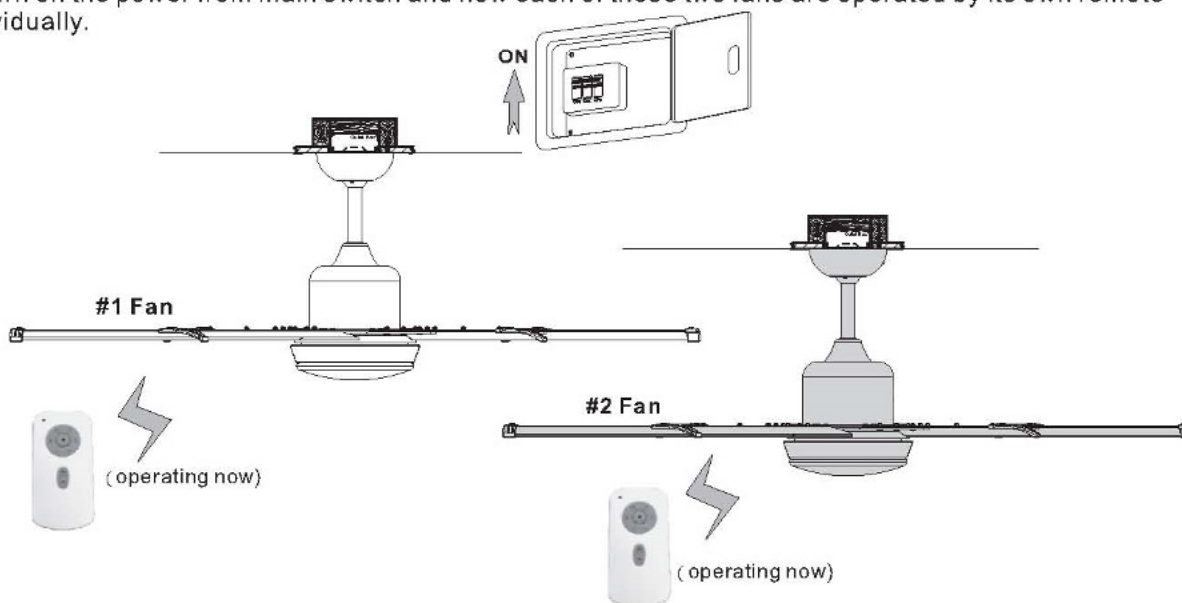
In the event of no operation, do the following to reset the remote:
Switch off the main power and wait for 10 seconds, then switch on the power again and immediately do the setting above again.



3. Turn off the power from main switch and install the AC Black wires to the #1 Fans that you removed from **step 1** and secure with wire nut.



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



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.