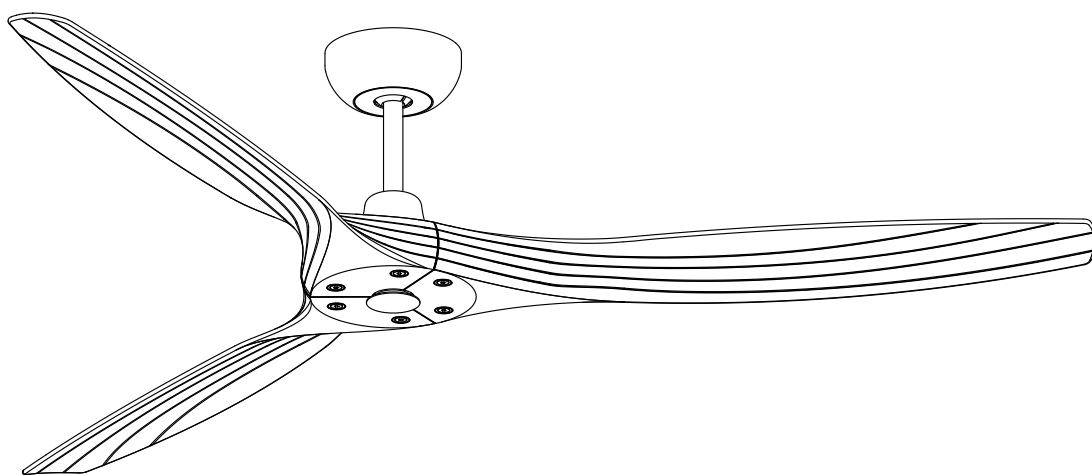




Aesthetics of Wind
Since 1985

Owners Manual



MODEL: DESIGN SINEL (3LN60)

Net weight

5.2	KGS.
11.4	LBS.

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

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

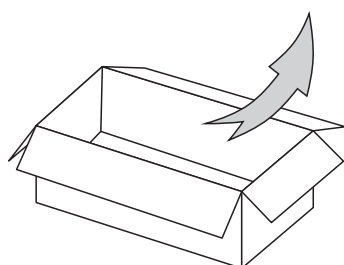
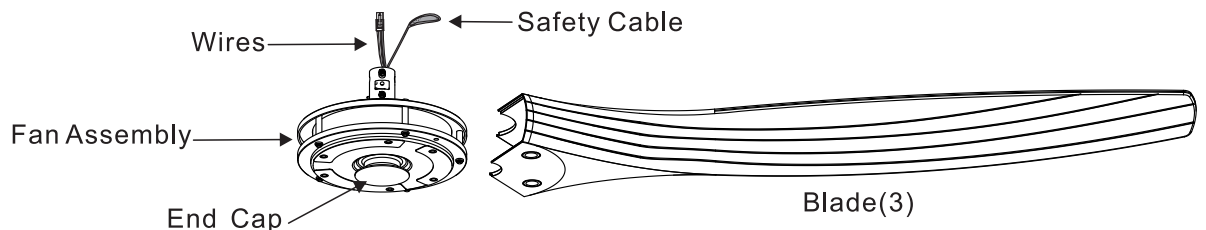
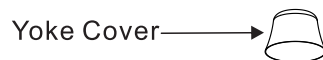
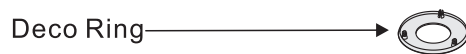
1. Read all instructions and safety information before installing. This manual is not intended to instruct or assist untrained or unqualified persons. It is the responsibility of qualified, licensed installer, and user to apply common sense and care at all times during installation and operation.
2. 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.

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	x3			
Spring Washer	x3			
Machine Screw	x2			
Wood Screw	x3			

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 Phillips screwdriver
Bag B: for bottom blade by hexagon wrench
See Blade assembly in Page 3

For Blade Balance :

Balanced Slide x 1	
Weight Block (3G x 5)	

Remote Control (12V Battery Included)



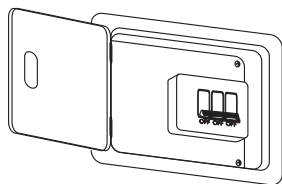
Hardware Bag

Wood Screw x 2		
Wall plug anchor x 2		

WARNING: blades should be at least 2.5 meters from floor

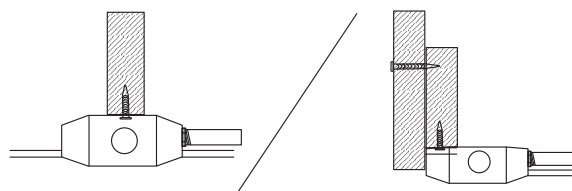
Note 1:

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



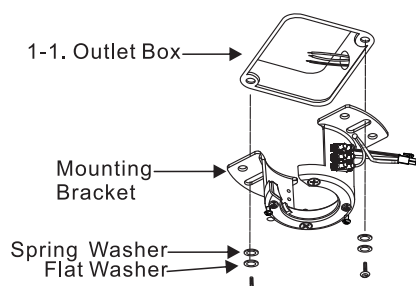
Note 2:

Use metal outlet box suitable for fan support.
Outlet box must support 15 kgs min.

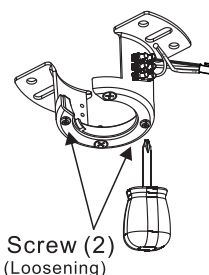


1. HANGING SYSTEM INSTALLATION

Installing mounting bracket to ceiling outlet box



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



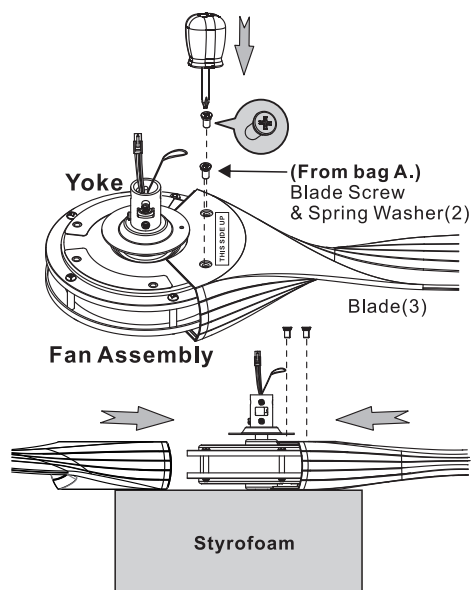
② Loosen the screws at mounting bracket.
Do not remove.

2. BLADE INSTALLATION

***Use Styrofoam as cushion for this step.**

**Special Note: Top blade screw are from Bag "A" using phillips screw driver.
Bottom blade screws are from bag "B" using L Hexagon Wrench.**

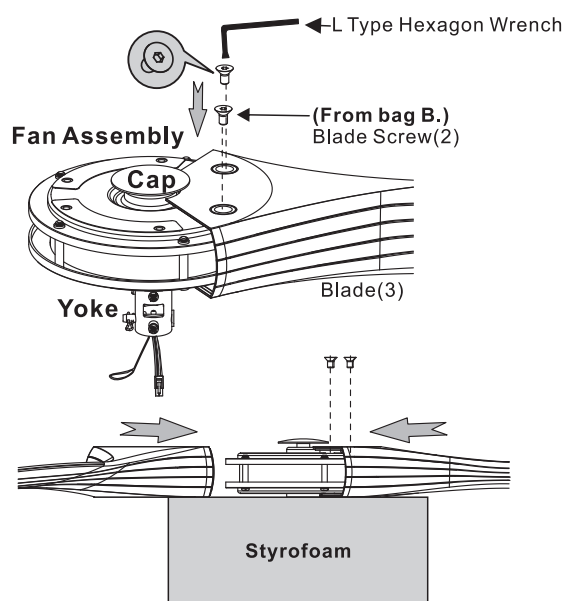
***Place the fan assembly on Styrofoam with yoke up.**



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

***Make sure the label "THIS SIDE UP" must be on the top side.(Facing the ceiling)**

***Turning the fan assembly upside(End cap up).**

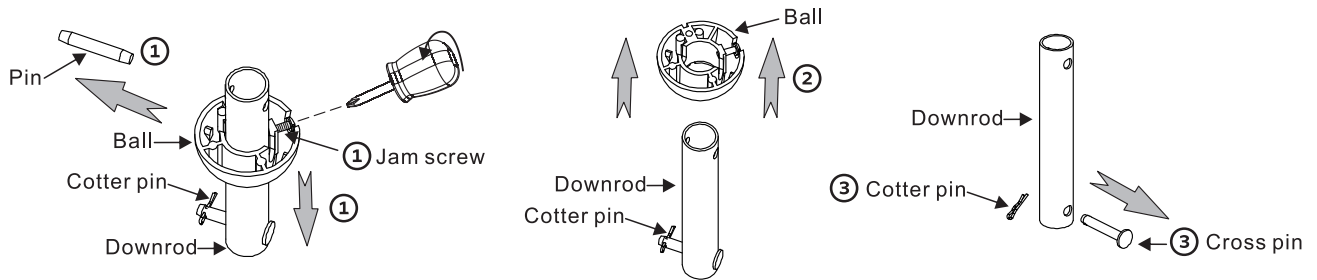


Attach screws(2) on bottom of fan assembly provided from hardware bag marked "B" by using L Type Hexagon Wrench provided from hardware bag.
(* Repeat until all 3 blades are installed firmly.)

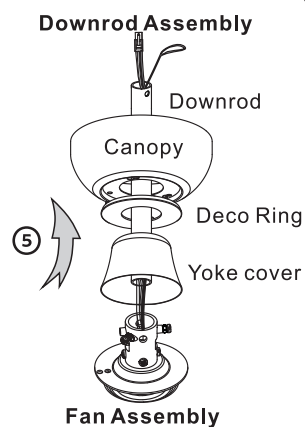
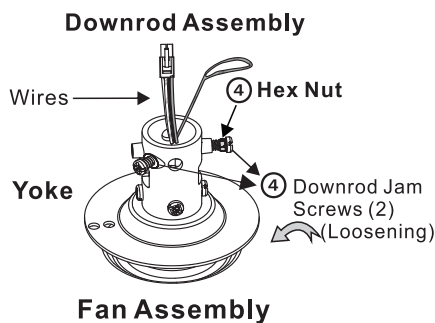
***Note: Make sure all blade washers & screws are tightened to avoid operating noise.**

3. DOWNROD INSTALLATION

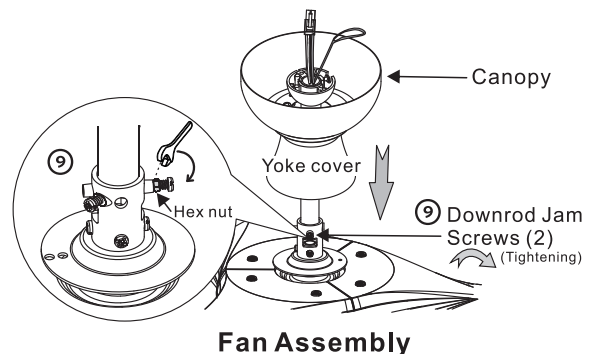
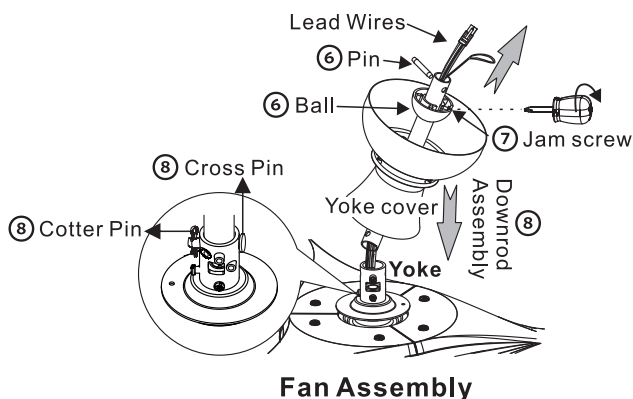
- ① Loosen the jam screw from the hanging ball and pull it down, remove the pin from downrod and keep it for step ⑥.
- ② Remove the hanging ball and keep it for step ⑥.
- ③ Remove cross pin and cotter pin from downrod and keep them for step ⑧.



- ④ Loosen 2 downrod jam screws at yoke.
***Make sure the position of the Hex nut must be on side of set screw head.**
- ⑤ Insert downrod through canopy, deco ring and yoke cover, and feed motor lead wires (with 4 pin connector) through downrod.

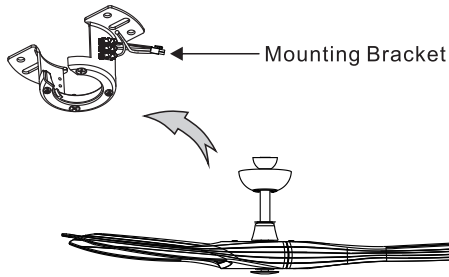


- ⑥ Insert hanging ball through downrod and insert the pin back into the downrod.
 (Removed from step ① and ②)
- ⑦ Tighten the jam screw back to hanging ball and make sure it is tight. (Loosen from step ①)
- ⑧ Insert downrod assembly into yoke, insert the cross pin through yoke & downrod, **secure with cotter pin.**
 (Removed from step ③)
- ⑨ Tighten 2 jam screws. **Use spanner to tighten the Hex nut, so the jam screws will not loose. Pull down the yoke cover to cover yoke.**

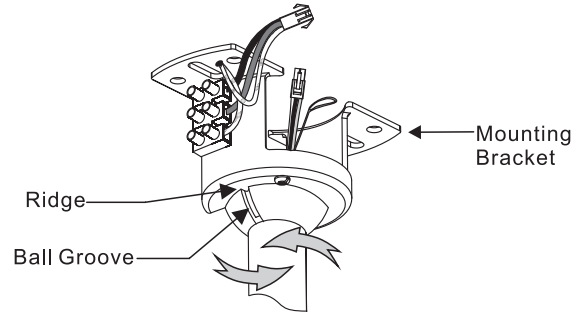


4. HANGING THE FAN ONTO MOUNTING BRACKET

① Lift fan assembly onto mounting bracket.



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



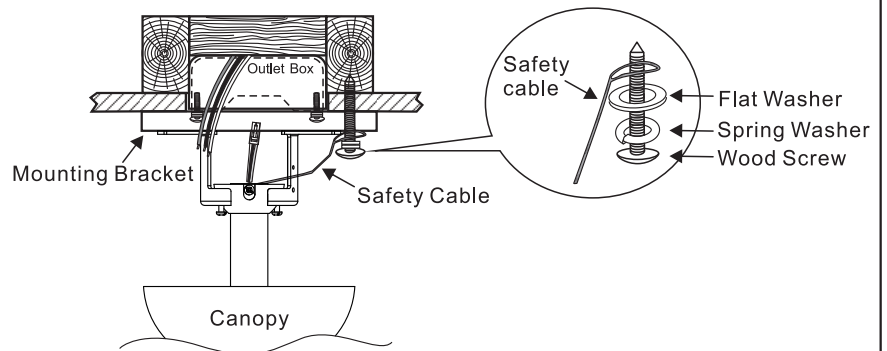
IMPORTANT Attaching safety cable to ceiling joist

4-3. 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.

WARNING

For safety regulation, the safety cable must be fastened on hanging bracket or with a separate hook firmly.



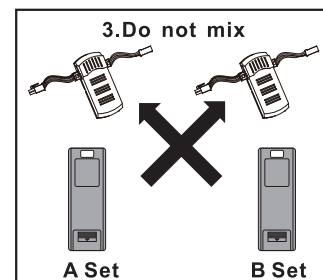
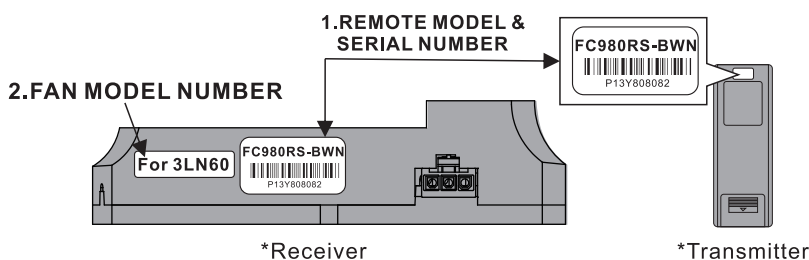
5. WIRE CONNECTION

5-1. Verify that serial Number & Model Number match on the Receiver and Transmitter

NOTICE:

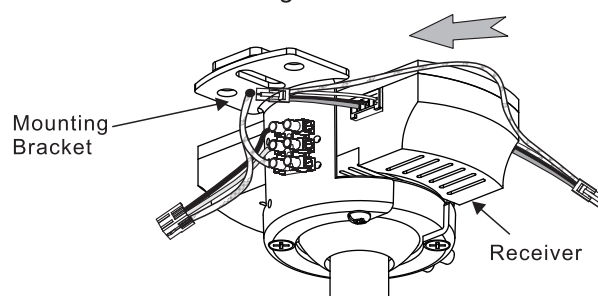
Many remote sets for DC fans look the same. This remote set is pre-paired and labeled at the factory, please note the following before operation:

- 1a. The Remote Model Number on transmitter and receiver must be the same.
- 1b. The Remote Serial Number will be the same on a pre-paired remote set. If it is different, it will need to be paired (See page 9)
2. The Fan Model Number label must be the same as the fan's model number in front page (3LN60) for proper operation. (There is no Fan Model Number on transmitter.)
3. Do not mix the remote sets if you are installing more than one fan.

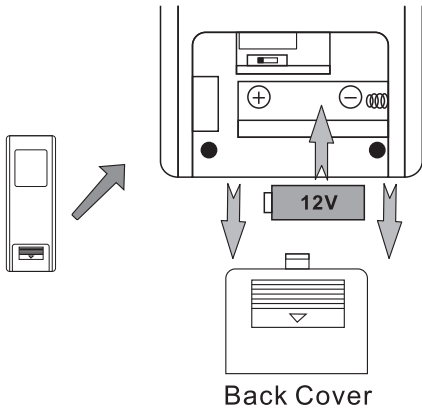


5-2. Insert receiver into mounting bracket

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

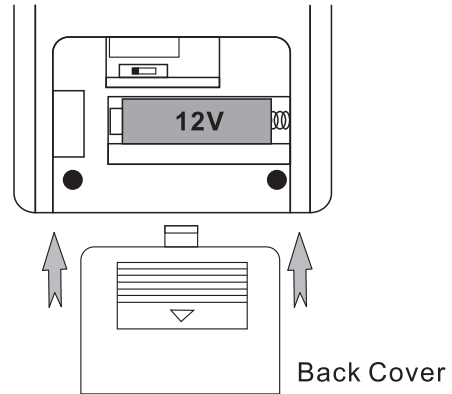


7. REMOTE TRANSMITTER ASSEMBLY

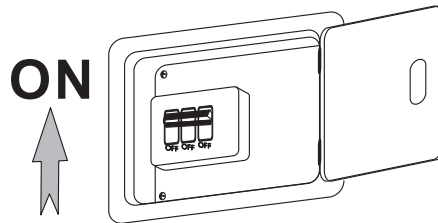


7-1. Install the battery

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

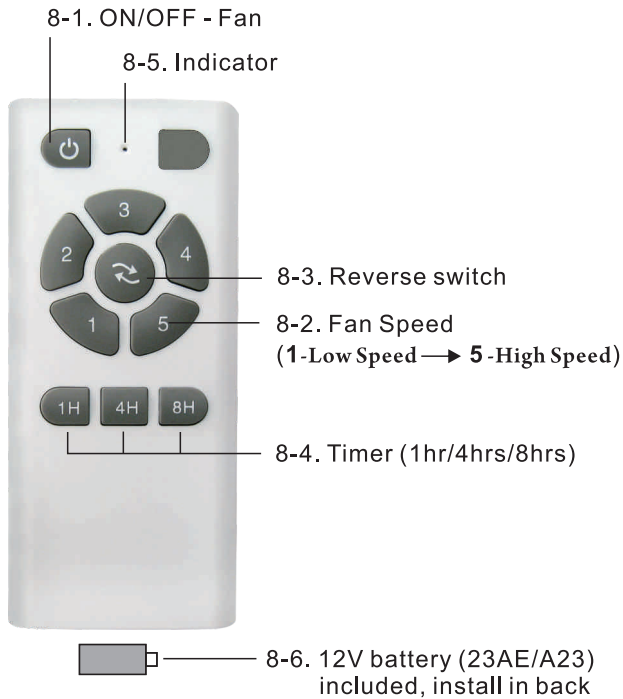


7-2. Re-install the back cover.



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

8. OPERATIONAL INSTRUCTION



All the button pressed will have a Beep sound and the red indicator light will turn on.

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

Warning: DO NOT PRESS THE BUTTON FOR MORE THAN 4 SECONDS TO AVOID FACTORY RESET AND THE LOSS OF PRE-PAIRED PROGRAMING OF RECEIVER AND TRANSMITTER!

Note: On every startup, the fan will move forward & backward for 2~3 seconds.

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

8-3. Reverse switch

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

8-5. Indicator

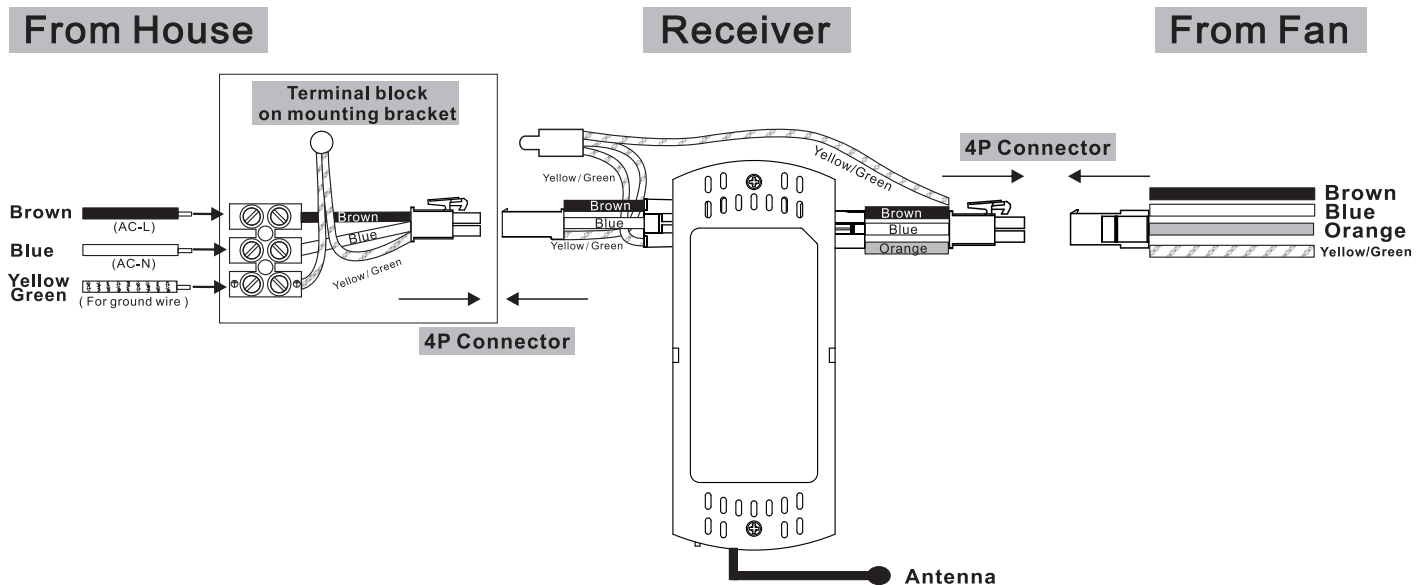
8-6. 12V battery (23AE/A23) included, install in back

Note: The remote retains the last settings (fan speed) in memory. When turn on again, the fan will be on the same speed.

TROUBLESHOOTING

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

1. Lower the canopy and check that all wires are connected properly.
2. Perform the remote Pairing Process at step 9-1 on P9.



9. REMOTE PAIRING PROCESS

The Pairing Process is only necessary when there is an issue. Remote set is pre-paired from the factory and should not require the Pairing Process.

A fan may need to have “Pairing Process” performed for the following issues.

1. Replacing the transmitter.
2. Replacing the receiver.
3. Multiple fans on the same circuit.

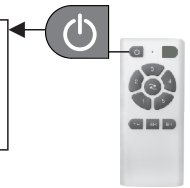
(In multiple fans situation, each fan must be wired up individually for the Pairing Process; **see step 9-1.**)

9-1. Pairing Process for transmitter and receiver:

1. Switch off the main power  and make sure fan has completely stopped .
2. Install a New receiver or install the battery in a new transmitter before the Pairing Process.
3. Switch on the power again, and immediately:

Press and hold the  button for 8 seconds until the Receiver “Long Beeps”.

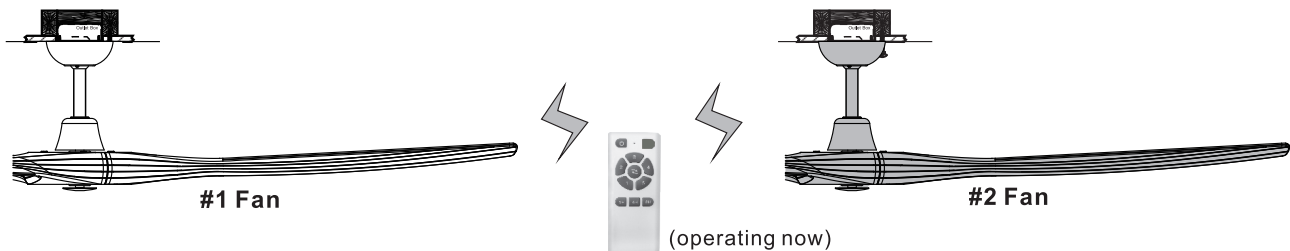
This process must be done within 20 seconds after switching on the power.



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

9-2A. Pairing Process for Multiple fans (One transmitter for multiple receivers)

If you wish to use only **one transmitter for two fans**, simply wire up both fans at one time and perform the Pairing Process at **step 9-1** from a point between the two fans.



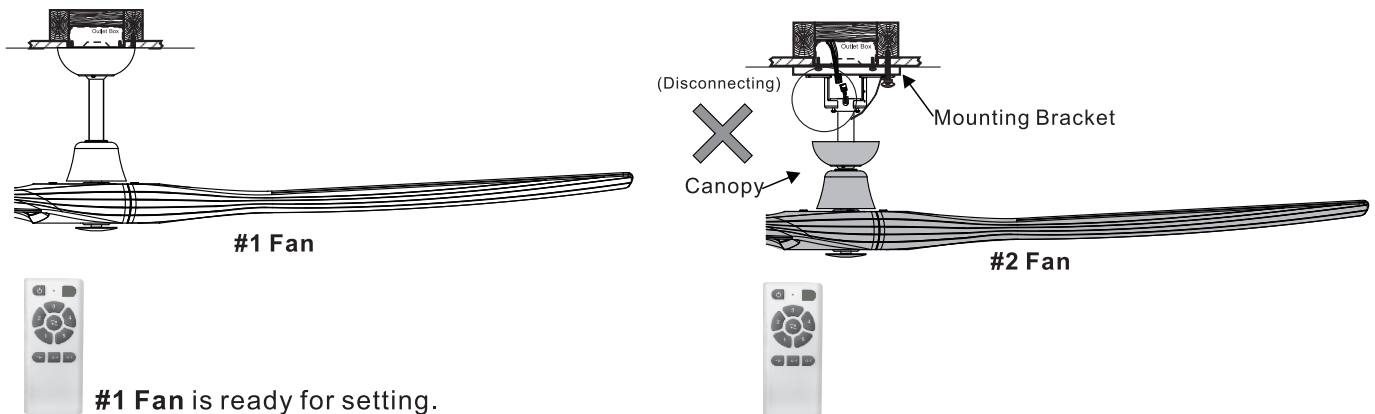
9-2B. Pairing Process for Multiple fans (One transmitter for one receiver)

The Pairing Process must be performed on each remote set (transmitter and receiver) individually. **See the set up at step 9-3.**

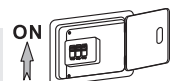
9-3. TO SET UP REMOTE FOR #1 FAN

Make sure to turn off power at breaker box. 
Disconnecting wire from #2 fan.

Before starting the remote control setting process, lower the canopy of #2 Fan and disconnect the Brown wire from Terminal block.



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



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

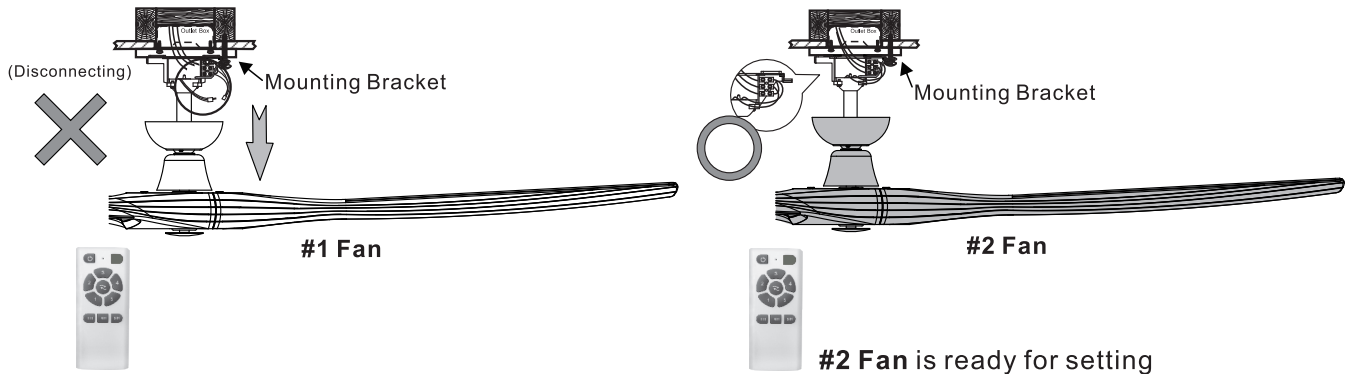
9-4. TO SET UP REMOTE FOR #2 FAN

Make sure to turn off power at breaker box.



Disconnecting wire from #1 Fan

Disconnect the Brown wires from Terminal block of #1 Fans and connect the Brown wires to Terminal block back to #2 Fan that you remove from 9-3.



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



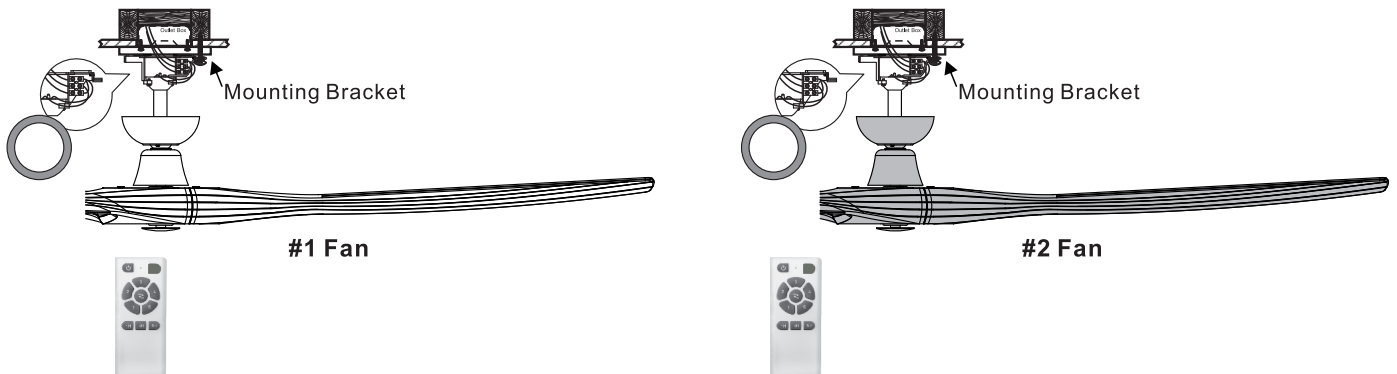
*See the remote control setting process for 9-1 to set up #2 Fan.

9-5. RECONNECT ALL FANS

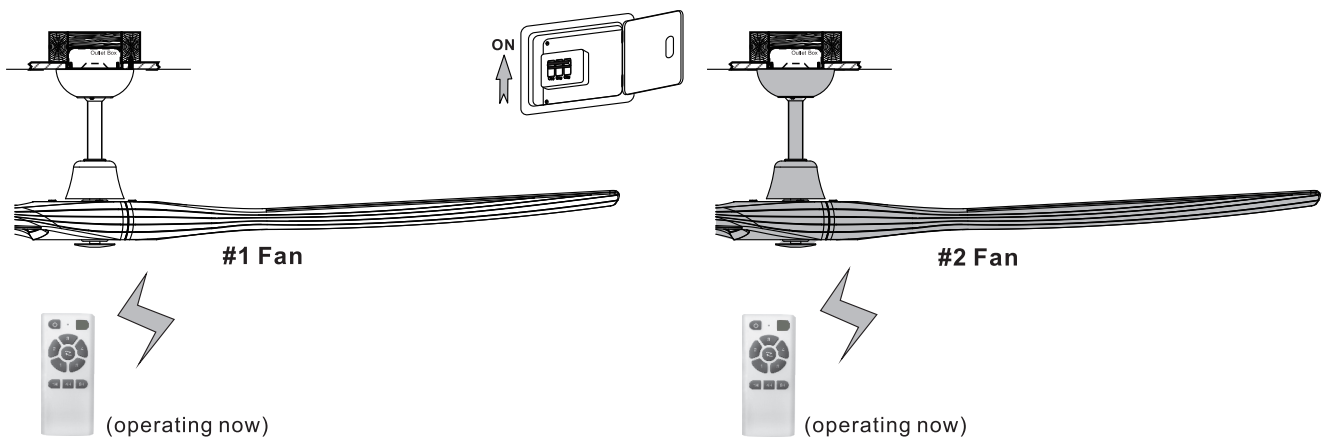
Make sure to turn off power at breaker box.



After all the fans have done the resetting process, reconnect all the wires for #1 fan & #2 fan, and lift up the Canopy of #1 fan & #2 fan.



9-6. Switch on the main power 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.