

# USE AND CARE GUIDE

— 52-INCH CEILING FAN —

## 01 Safety Information

1. To reduce the risk of electric shock, ensure the electricity has been turned off at the circuit breaker or fuse box before you begin.
2. All wiring must be in accordance with the National Electrical Code ANSI/NFPA 70-1999 and local electrical codes. Electrical installation should be performed by a qualified licensed electrician.
3. The outlet box and support structure must be securely mounted and capable of reliably supporting 35 lbs. (15.9 kg). Use only UL Listed outlet boxes marked "Acceptable for Fan Support of 35 lbs. (15.9 kg) or less".
4. The fan must be mounted with a minimum of 7 ft. (2.1 m) clearance from the trailing edge of the blades to the floor.
5. Do not operate the reversing switch while the fan blades are in motion. You must turn the fan off and stop the blades before you reverse the blade direction.
6. Do not place objects in the path of the blades.
7. To avoid personal injury or damage to the fan and other items, use caution when working around or cleaning the fan.
8. Electrical diagrams are for reference only. Light kits that are not packed with the fan must be UL-listed and marked suitable for use with the model fan you are installing. Switches must be UL General Use Switches. Refer to the instructions packaged with the light kits and switches for proper assembly.
9. After making electrical connections, spliced conductors should be turned upward and pushed carefully up into the outlet box. The wires should be spread apart with the grounded conductor and the equipment-grounding conductor on one side of the outlet box.
10. All setscrews must be checked and re-tightened where necessary before installation.



**WARNING:** To reduce the risk of personal injury, do not bend the blade brackets (also referred to as flanges) during assembly or after installation. Do not insert objects in the path of the blades.



**WARNING:** Remove the rubber motor stops on the bottom of the fan before installing the blades or testing the motor.



**WARNING:** To reduce the risk of fire or electric shock, this fan is NOT suitable for use with solid-state speed controls.



**WARNING:** To avoid possible electrical shock, make sure that the electricity is turned off at the main power box before starting work. If you feel you do not have enough electrical wiring knowledge or experience, contact a licensed electrician.



**WARNING:** Electrical diagrams are for reference only. Optional use of any light kit shall be UL-listed and marked suitable for use with this fan



**WARNING:** To reduce the risk of fire, electrical shock or personal injury, ensure that the fan mounting bracket is supported directly from the building structure or the outlet box marked "Acceptable for Fan Support of 35 lbs. (15.9 kg) or less". Use only the screws provided with the outlet box.

## 02 Warranty

The supplier warrants the fan motor to be free from defects in workmanship and material present at time of shipment from the factory for a lifetime after the date of purchase by the original purchaser. The supplier also warrants that all other fan parts, excluding any glass or acrylic blades, to be free from defects in workmanship and material at the time.

of shipment from the factory for a period of two years after the date of purchase by the original purchaser. We agree to correct such defects without charge or at our option replace with a comparable or superior model if the product is returned.

To obtain warranty service, you must present a copy of the receipt as proof of purchase. All costs of removing and re-installing the product are your responsibility. Damage to any part such as by accident, misuse, improper installation, or by affixing any accessories, is not covered by this warranty.

Because of varying climatic conditions this warranty does not cover any changes in brass finish, including rusting, pitting, corroding, tarnishing, or peeling. Brass finishes of this type give their longest useful life when protected from varying weather conditions. A certain amount of "wobble" is normal and should not be considered a defect.

Servicing performed by unauthorized persons shall render the warranty invalid. There is no other express warranty. LEKEONIA hereby disclaims any and all warranties, including but not limited to those of merchant ability and fitness for a particular purpose to the extent permitted by law. The duration of any implied warranty which cannot be disclaimed is limited to the time period as specified in the express warranty. Some states do not allow a limitation on how long an implied warranty lasts, so the above limitation may not apply to you.

The retailer shall not be liable for incidental, consequential, or special damages arising out of or in connection with product use or performance except as may otherwise be accorded by law. Some states do not allow the exclusion of incidental or consequential damages, so the above exclusion or limitation may not apply to you. This warranty gives specific legal rights, and you may also have other rights which vary from state to state. This warranty supersedes all prior warranties. Shipping costs for any return of product as part of a claim on the warranty must be paid by the customer.

## 03 Pre-Installation

The above data are for reference only, Actually the motor speed of each ceiling fan is a little different. Any products, Subject to actual products as standard.



**NOTE:** These are approximate measures. They do not include the amps and wattage used by the light kit.

Specifications & measurements shown are subject to  $\pm 5\%$  variations.

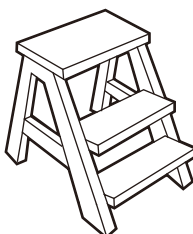
### TOOLS REQUIRED



Phillips  
screwdriver



Flat blade  
screwdriver



Step  
ladder



Wire  
stripper

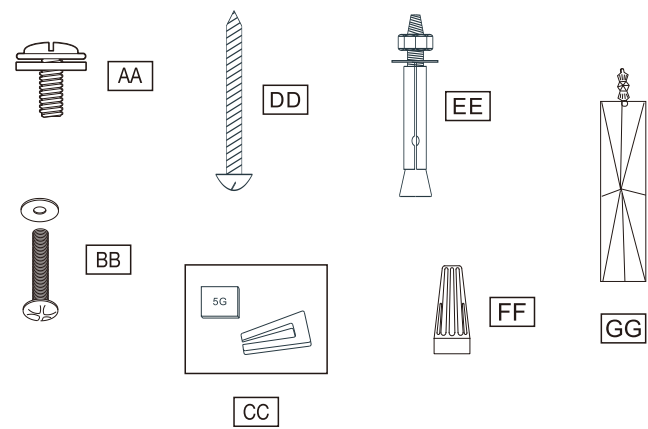


Electrical  
tape

# 04) Pre-Installation(continued)

## HARDWARE INCLUDED



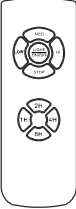
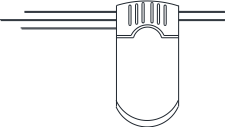
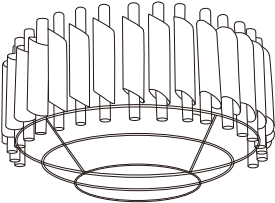
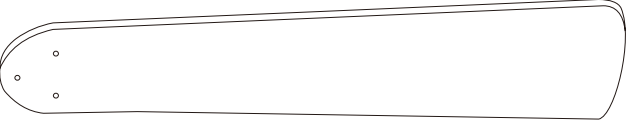
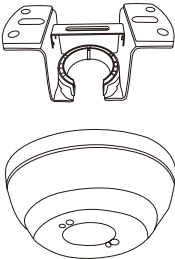



### components table



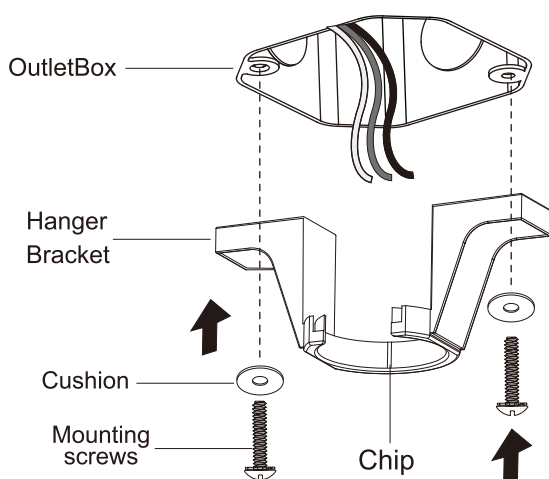
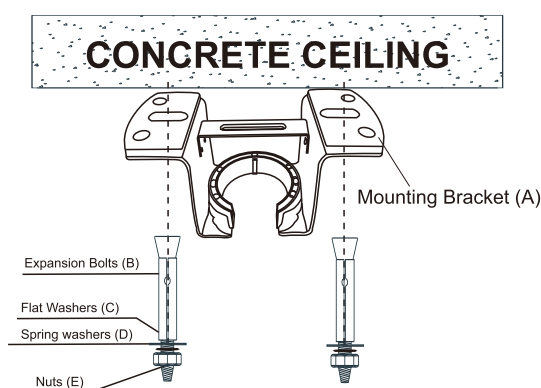
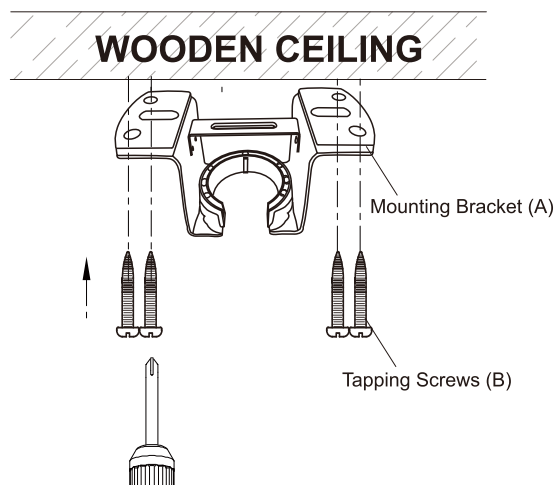
 NOTE:Hardware not shown to actual size.

AA	Blade attachment screw and fiber washer	16
BB	Mounting screws and cushion(Outlet box)	2
CC	Balanced parts package	1
DD	Mounting screws	4
EE	Expansion Bolts	2
FF	Plastic wire nut(not to scale)	3
GG	Crystal(Self installation)	8

## PACKAGE CONTENTS

						 		
A	Fan-motor assembly	1	B	Arm (with pre-installed screws)	5	C	Remote control (Transmitter)	1
							Remote control (receiver)	1
								
D	Lampshade	1	E	Blade	5			
			 					
F	Slide-on mounting bracket (inside canopy)	1	G	12.5CM Ball/downrod assembly	1			
H	Canopy	1	I	25CM Ball/downrod assembly	1	J	Coupling cover	1

## 05) Mounting hanger (hanging part)



For wooden ceiling, use wood screw to drill on the wooden beam or the "junction box" to fix the hanging bracket (selection is made according to actual requirements of the customers).

### STEP 1A-WOODEN CEILING

SWITCH OFF THE ELECTRICAL MAINS AT THE CIRCUIT BREAKER FUSE BOX.

- 1) Use the Mounting Bracket (A) as a guide, mark the spots where the 4 Self Tapping Screws (B) will be drilled.
- 2) Remove the Mounting Bracket (A), drill 4 holes for 3MM diameter, install the mounting bracket onto wooden ceiling with the 4 Self Tapping Screws (B).

**⚠ IMPORTANT : SCREWS MUST BE TIGHTENED TILL SNUG**

For concrete ceiling, use the percussion bit with diameter 8mm to drill holes according to the length of expansion screws. Then use the attached expansion screws to fix the hanging bracket onto the ceiling (selection is made according to actual requirements of the customers).

### STEP 2A-CONCRETE CEILING

SWITCH OFF THE ELECTRICAL MAINS AT THE CIRCUIT BREAKER FUSE BOX.

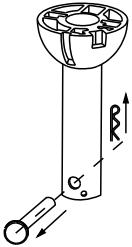
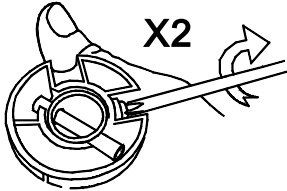
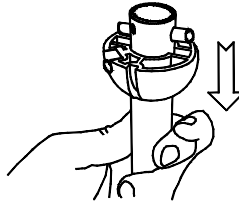
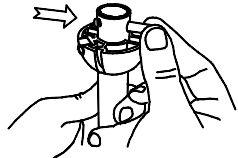
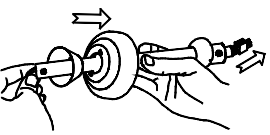
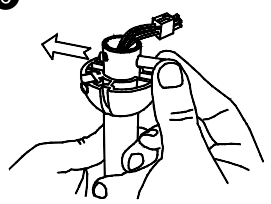
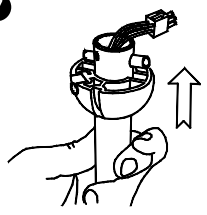
- 1) Use the Mounting Bracket (A) as a guide, mark the spots where the 2 Expansion Bolts(B) will be drilled.
- 2) Remove the Mounting Bracket (A). Drill 2 holes for 8MM diameter and insert 2 Expansion Bolts (B) into the concrete ceiling, install the mounting bracket and secure with Flat Washers(C), Spring Washers(D)and Nuts(E).

**⚠ IMPORTANT : SCREWS MUST BE TIGHTENED TILL SNUG**

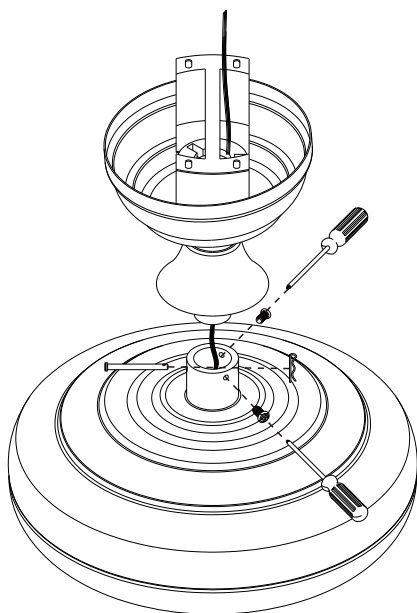
Tighten the hanger bracket to the outlet box with 2 mounting screws. (To reduce the risk of fire, electric shock, or personal injury, mount to the outlet box marked "Acceptable for fan support" and use mounting screws provided with the outlet box.)

## 06 Assembly instruction

### 1. Install the downrod

			
<p>Remove the lock pin and the bolt of the base of the downrod.</p>	<p>Unscrew the screws of the hanger ball.</p>	<p>Slide the ball down the downrod.</p>	<p>Remove the bolt of the downrod.</p>
			
<p>Insert on the downrod the canopy and the Bolt &amp; Pin cover. Carefully feed motor wires through the downrod assembly.</p>	<p>Replace the bolt of the hanger ball.</p>	<p>Replace the hanger ball at its normal position.</p>	

### 2. Install downrod assembly

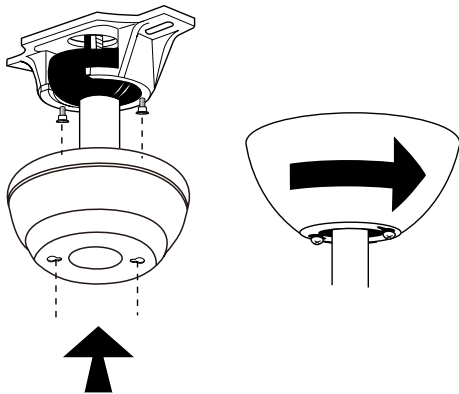


⊕ Phillips  
screwdriver

1. Thread the suspender through the suspended clock and coupling cover.
2. Then insert the tail of the suspender from the liing head of the motor.
3. Remove the lateral pin out from the suspended head posion, secure with R type pin(Clevis pin).
4. Tighten the liing head screws. Tighten the 2 Set Screws on the Coupling to serve as a clamping force on the Downrod to prevent fan shaking during operaon.
5. Route the Coupling cover, Canopy Ring, Canopy and Hanger Ball through the Downrod in turn, and then install the Lock pin through the hole on the Downrod. Fix it by Screw, then slip down the Coupling Cover in correct posion.

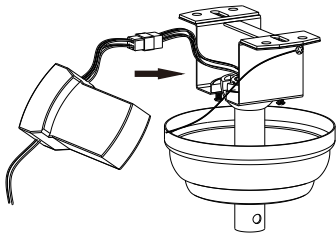
## 07) Assembly -Hanging the Fan(continued)

Install the canopy

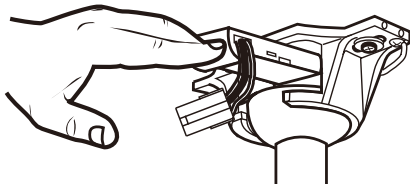


1. Carefully push the canopy to the bottom of the mounting bracket, make two sliding holes aligned to the two prominent screws on the mounting bracket, and then turn clockwise until tight.
2. Push the canopy ring to the bottom of the canopy, slide the inner holes aligned to the two prominent screws on the mounting bracket again, and turn the canopy ring clockwise until tight.

Installing remote control receiver

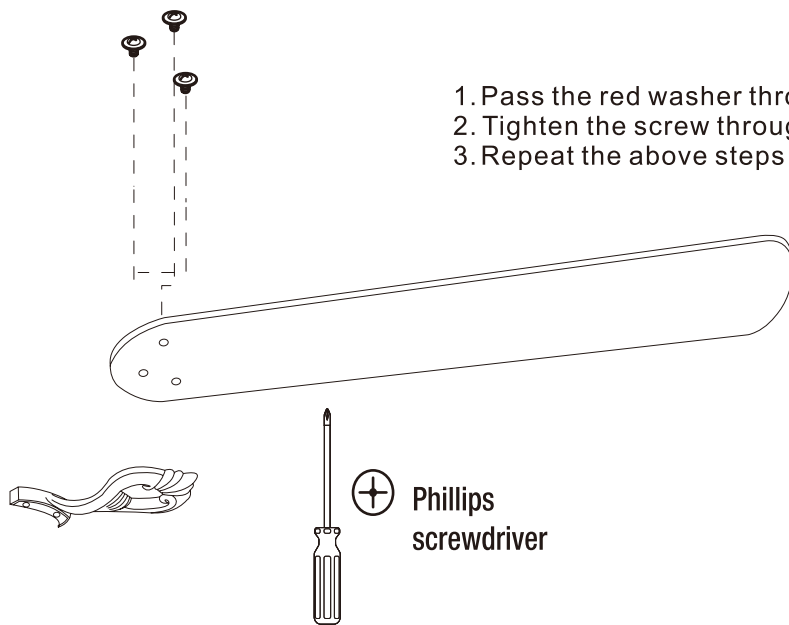


3. Once wiring step has been completed, slide the wired remote receiver in between the mounting bracket and the top of the downrod ball for downrod fans



## 08) Assembly – Attaching the Fan Blades

### 1. Attaching the blades to the arms



### 2. Fastening the blade arms to the motor



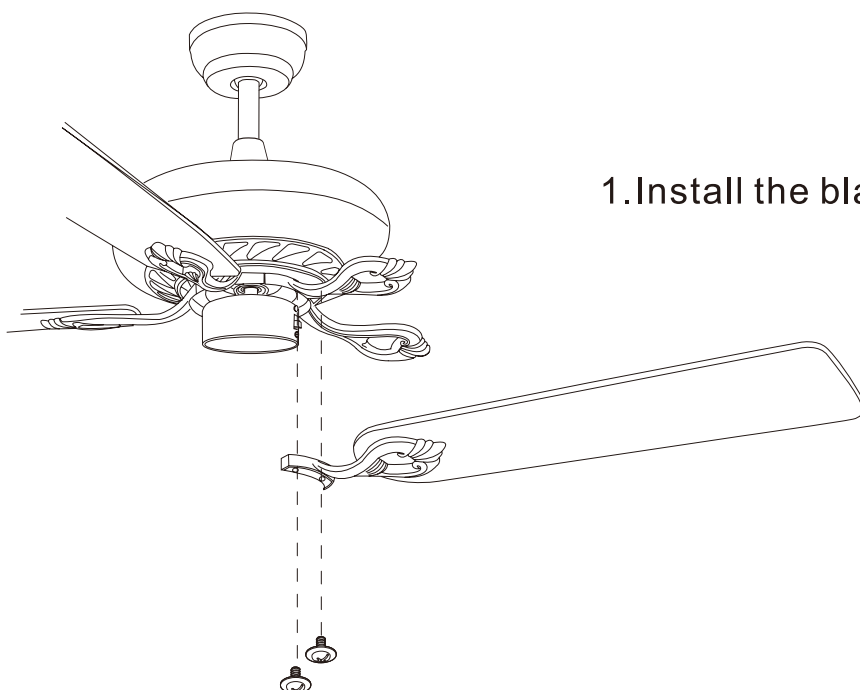
**WARNING:** Remove the rubber motor stops on the bottom of the fan before installing the blades or testing the motor.



**NOTE:** Your fan features revolutionary advancements for quick and easy blade installation. Including an alignment post and captive blade arm screws.



**NOTE:** Your fan blades are reversible. Select the blade side finish which best accentuates your decor.

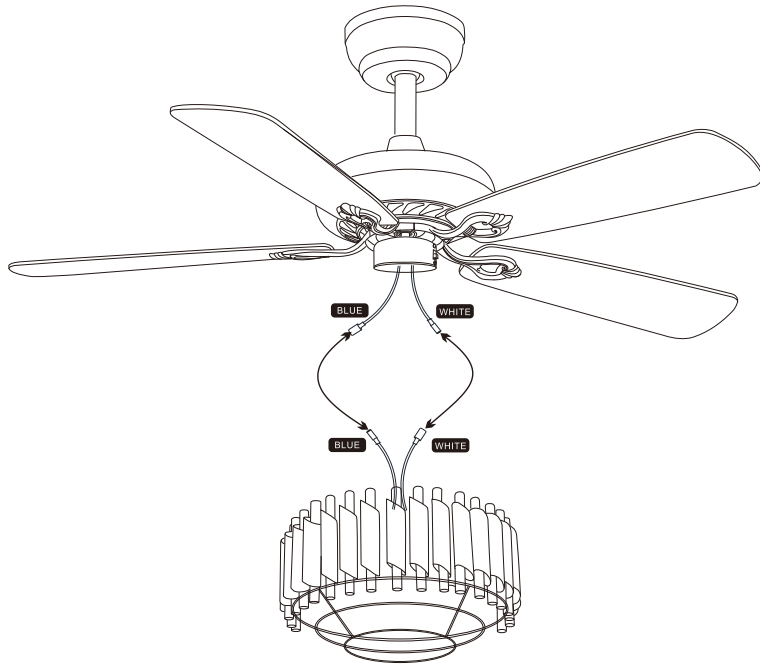


## 09) Assembly – Attaching the Lights

### 1. Connecting lamp wire



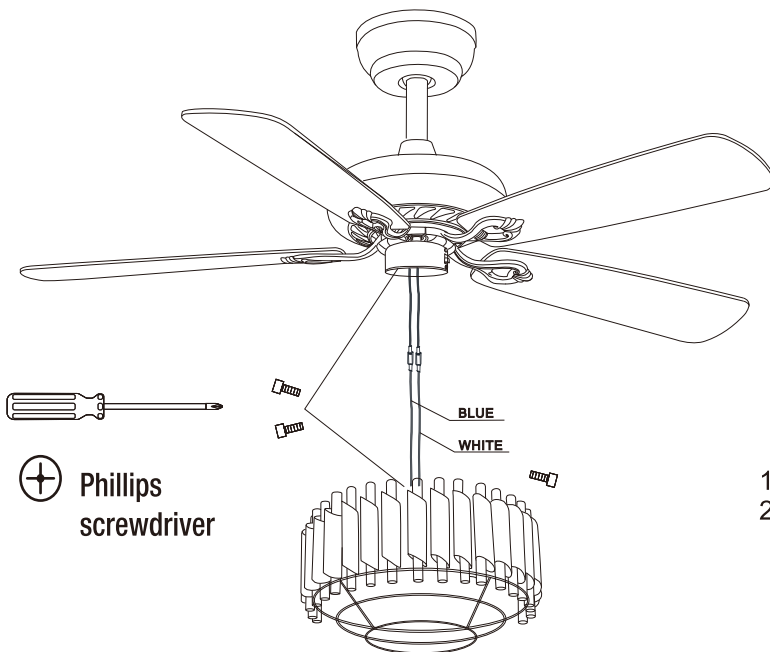
**CAUTION:** To reduce the risk of electric shock, disconnect the electrical circuit to the fan before installing the light fixture.



1. Insert the "white" line in the switching box of the motor into the "white" line of the light and tie insulated rubber tape.
2. Insert the "blue" line in the switching box of the motor into the "blue" line of the light and tie insulated rubber tape.

3. Please use on/off type "a" bulb max 60-watt .

### 2. Tighten the screw of the box cover.



1. Take the wire into the switching box of the motor.
2. Align the opening of switching box of the light at switch locking position of the positive and negative rotation of the motors switching box. Place the cover. Screw in the screw of the switching box.

## 09) Assembly – Attaching the Lights

### 3 .Install the crystal shade & bulb



**WARNING:** Allow the shatter resistant bowl to cool completely before removing.

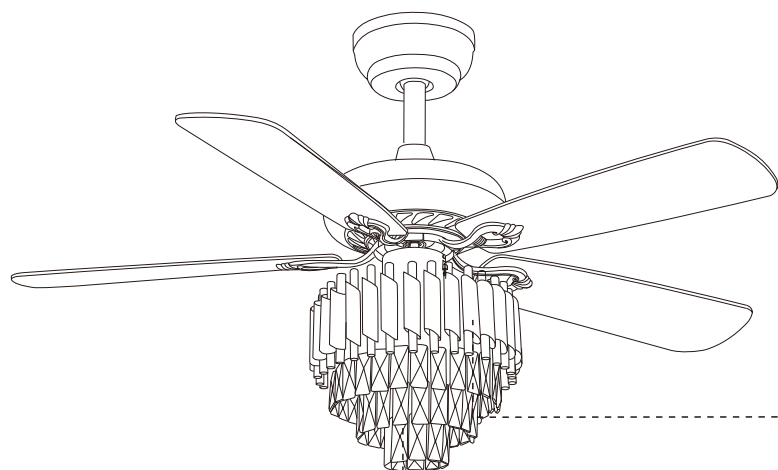


**CAUTION:** Make sure the power is off before attaching or removing the shatter resistant bowl.



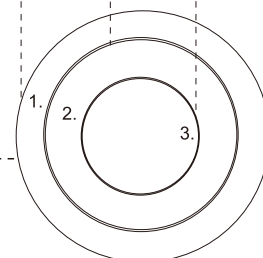
**CAUTION:** Do not over tighten the hex nut, overtightening the hex nut may cause the shatter resistant bowl to break.

1. Select the appropriate bulbs (included) and install it on the lamp holder.
2. Hang the crystal shade string on the lamp.
3. Hang the crystal (refer the upward view)



E12\*3

1. 18pcs
2. 12pcs
3. 8pcs



## 10) Operation

### OPERATING YOUR FAN

Turn on the power and check the operation of the fan. The remote controls the fan speed and light.

The appropriate speed settings for warm or cool weather depends on factors such as the room size, ceiling height, and number of fans.

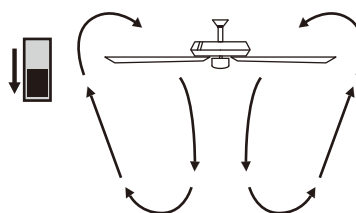
The slide switch (XX) controls the direction of the blades: forward (switch down) or reverse (switch up).



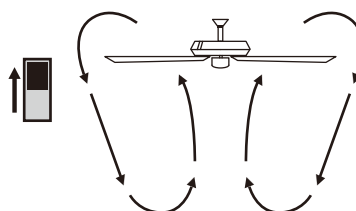
**NOTE:** Wait for the fan to stop before reversing the direction of the blade rotation

**A. Warm weather-(Forward)** A downward airflow creates a cooling effect. This allows you to set your air conditioner on a higher setting without affecting your comfort.

**B. Cool weather-(Reverse)** An upward airflow moves warm air off of the ceiling. This allows you to set your heating unit on a lowering setting without affecting your comfort.

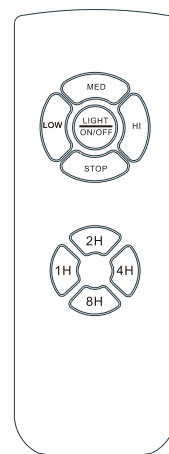
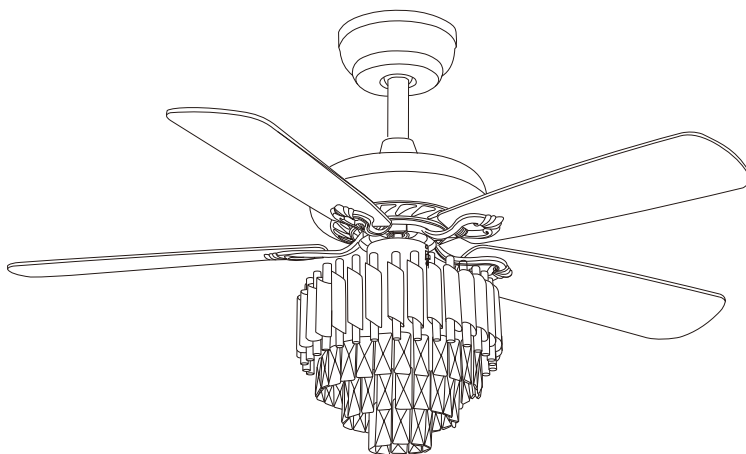


**A. Warm Weather**  
(summertime)



**B. Cool Weather**  
(wintertime)

## 11) Use of remote control



LIGHT NO/OFF (Light only)

**1H**  
**2H**  
**4H**  
**8H**

Auto off after 1hr  
Auto off after 2hr  
Auto off after 4hr  
Auto off after 8hr

**LOW**

FanSpeed Low Level

**MED**

FanSpeed Middle Level

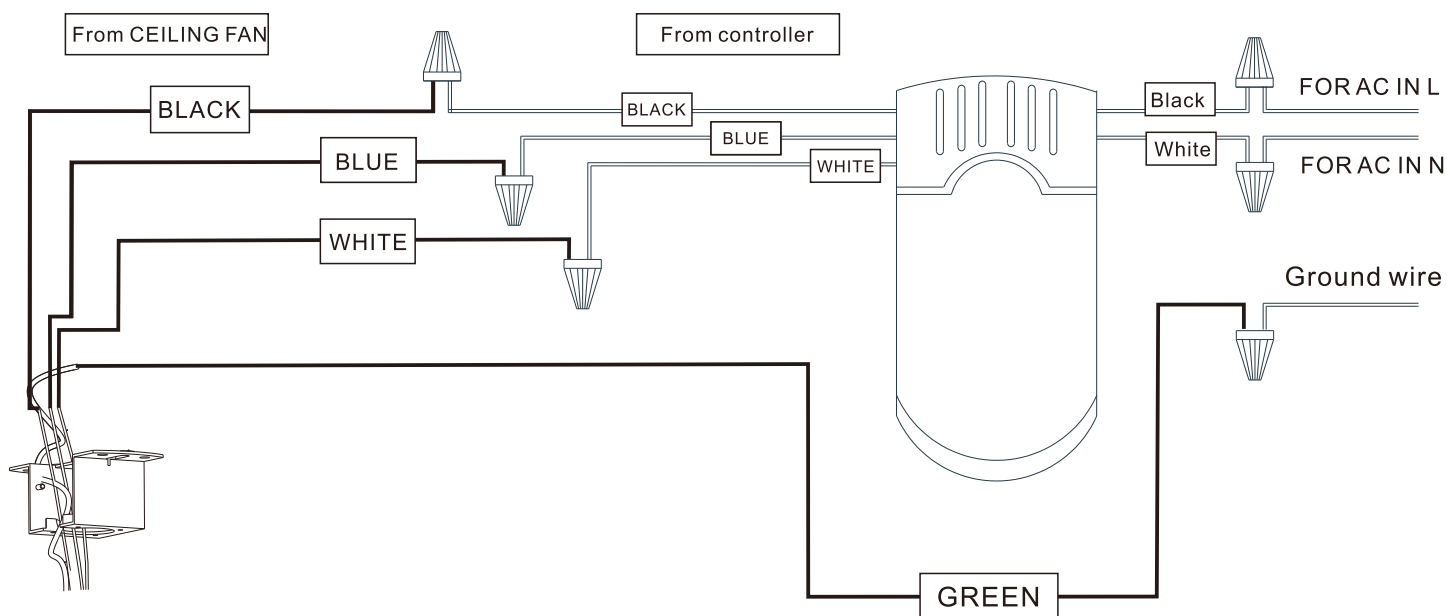
**HI**

FanSpeed High level

**STOP**

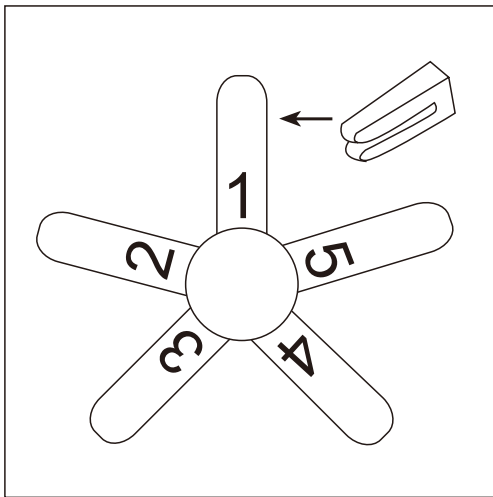
FanSTOP

## 12) Remote control wiring diagram

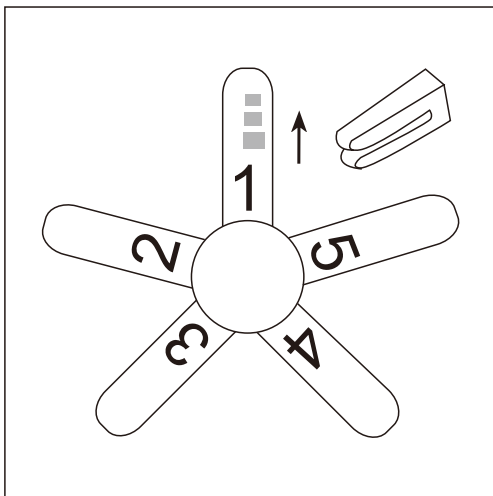


- The motor **white** wire to the **white** "TO MOTORN" wire from Recevier with a wire nut.
  - The motor **black** wire to the **black** "to motor L" wire from Receiver with a wire nut.
  - The lamp **blue** wire to the **blue** "to Light" wire from Receiver with a wire nut.
  - The **white** wire from Outlet Box to the red "AC in N" wire from Receiver with a wire nut.
  - The **black** wire from Outlet Box to the red "AC in L" wire from Receiver with a wire nut.
- Connect the supply ground wire to green ground wire from canopy and the green ground wire from the hanger bracket together using a wire nut.
- Tuck all wire nuts and wires carefully up into the Outlet Box, EXCEPT antenna, which should remain outside Outlet Box

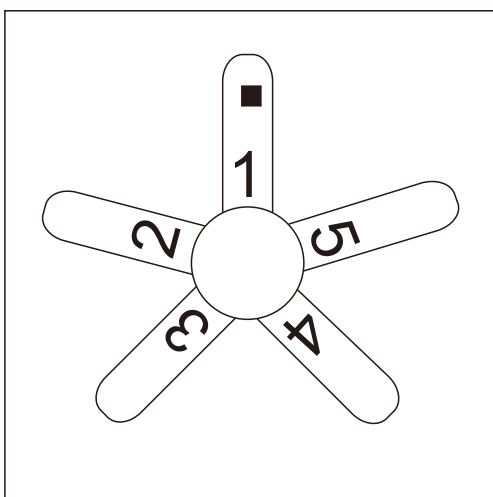
## 13) Fans Balance



Put the clip in the center of a blade. Turn on the fan and, if the rolling persists, put the clip in another blade until the roll is reduced. It will be the blade that will need the counterweight.



Place the clip on the blade that needs the counterweight and try the best place to place it, from the center to the tip of the blade, until the wobble disappears.



Glue the counterweight to the height of the clip on the surface of the blade. Remove the clip and test the fan. If you keep staggering, put another counterweight. If it gets worse, try another better area to place it.

## 14) Care and Cleaning



**WARNING: Make sure the power is off before cleaning your fan.**

- ☐ Because of the fan's natural movement, some connections may become loose. Check the support connections, brackets, and blade attachments twice a year. Make sure they are secure. It is not necessary to remove the fan from the ceiling.
- ☐ Clean your fan periodically to help maintain its new appearance over the years. Do not use water when cleaning, as this could damage the motor, or the wood, or possibly cause an electrical shock. Use only a soft brush or lint-free cloth to avoid scratching the finish. The plating is sealed with a lacquer to minimize discoloration or tarnishing.
- ☐ You can apply a light coat of furniture polish to the wood for additional protection and enhanced beauty. Cover small scratches with a light application of shoe polish.
- ☐ You do not need to oil your fan. The motor has permanently-lubricated sealed ball bearings.

## 15) Troubleshooting

Problem	Solution
The fan will not start	<ul style="list-style-type: none"><li><input type="checkbox"/> Check the main and branch circuit fuses or breakers.</li><li><input type="checkbox"/> Check the line wire connections to the fan and switch wire connections in the switch housing.</li></ul>
The fan is noisy	<ul style="list-style-type: none"><li><input type="checkbox"/> Ensure all motor housing screws are snug.</li><li><input type="checkbox"/> Ensure the screws that attach the fan blade bracket to the motor hub are tight.</li><li><input type="checkbox"/> Ensure the wire nut connections are not rattling against each other or the interior wall of the switch housing.</li><li><input type="checkbox"/> Allow a 24-hour "breaking in" period. Most noises associated with a new fan disappear during this time.</li><li><input type="checkbox"/> If you are using the ceiling Fan light kit, ensure the acrylic lamp shade is fixed properly.</li><li><input type="checkbox"/> Ensure the canopy is a short distance from the ceiling. It should not touch the ceiling.</li><li><input type="checkbox"/> Ensure your outlet box is secure and rubber isolator pads were used between the mounting plate and outlet box.</li></ul>

