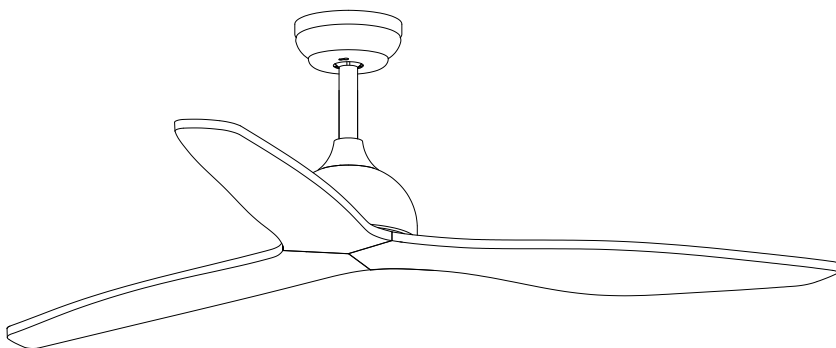


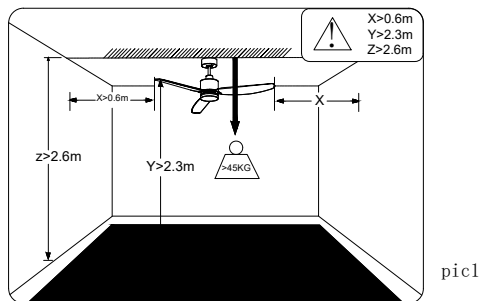
CEILING FAN INSTRUCTION MANUAL



Model: GS2149- 220V - CE-MLS

Safety Instructions

1. In order to reduce the occurrence of electric shock, the supply line is connected between the fan and must distance requirements played a 3mm). If you lack of electrical knowledge, be sure Please hold "electrician card" professional install it for you.
2. To avoid electrical shock hazard, ceiling fan installation, removal before you turn off the power first, will be installed Shall be ground, live wire, neutral wire line order of installation, disassembly must be disassembled to the neutral wire line, the line of live wire, earth order.
3. In order to reduce electric shock or from accidents. do not use non-local governor or switch product requirements.
4. When a ceiling fan installation, you must determine the various parts of screws securely latched.
5. rotating ceiling fan, the blades should not touch any object to avoid danger.
6. Select the appropriate location to install a ceiling fan, ceiling fan blade away from the ground should Above 2.3 meters or more Prevent accidental blade collision accident.



7. To change the fan rotation direction. please turn off and wait for the blades stop turning after adjustment reversing switch.
8. The power of this machine is 220-240V/50Hz, Please refer to the label on the controller, Cannot be used beyond the voltage range, maximum motorpower of 60W (specifications of different models of ceiling fans, which Motorpower will be different), each light source lamps maximum 40w.
9. about how to install a ceiling fan and connect the power, please read the fan assembly procedures carefully.
10. Do not clean the ceiling fan blades and clean water or detergent directly, use a dry cloth or slightly damp cloth to wipe In addition to dust. Before cleaning the ceiling fans, ceiling fan must be disconnected from the power switch.

1.Tools ready

1.TOOLSAND MATERIALS REQUIRED

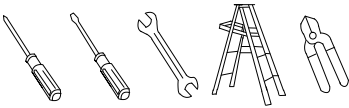
•Philips Screw driver

•Blade Screw driver

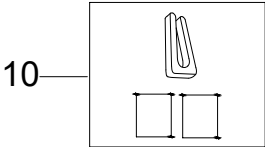
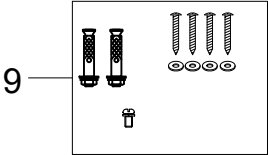
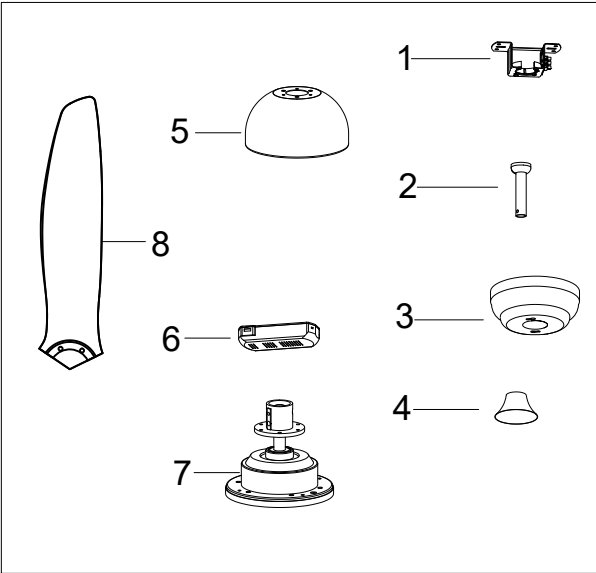
•11 mm Wrench

•Step Ladder

•Wire Cutters



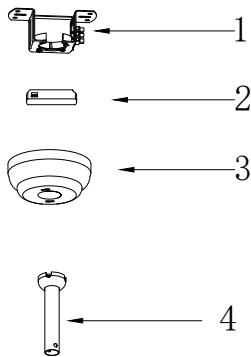
2.Parts inspection



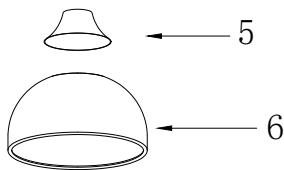
NO.	Name	Quantity	NO.	Name	Quantity
1	Bracket	1	8	fan blade	3
2	Rod	1	9	Accessory bag	1
3	Canopy	1	10	Balance package	1
4	Decorative cover	1			
5	fan housing	1			
6	Remote control	1			
7	motor body	1			

3.explosive view

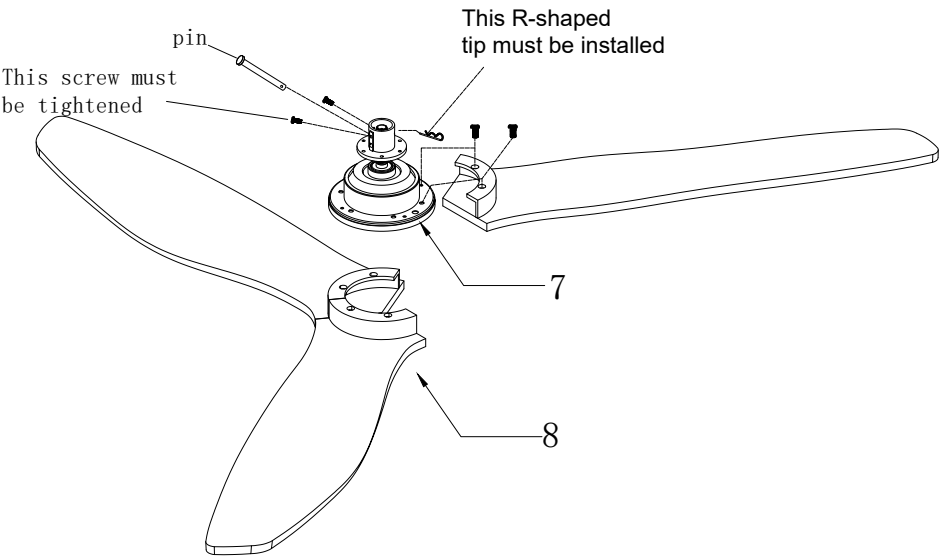
Turn on your fan and check the contents. Then install sequentially:



- 1.Bracket
 - 2.Remote control
 - 3.Canopy
 - 4.Rod
- Accessory bag



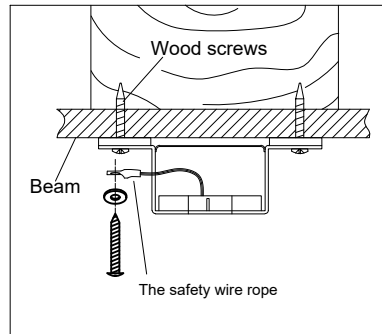
- 1.Mounting Hardware
 - Expansion bolt(2)
 - Flat Washer(4)
 - Wood Screw(4)
- 2.Balance Kit



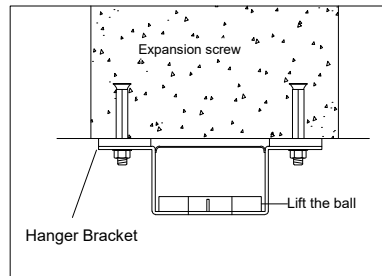
4.Install the hanger

1)For wooden ceiling,The thickness of the wooden ceiling should be greater than 2CM and the load-bearing capacity should exceed 30KG, then secure the plate with 4pcs wood screws.

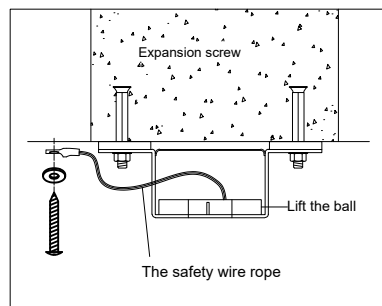
(The safety wire rope should be locked onto the load-bearing screw)



2) For concrete ceiling Drill a hole($\varnothing 8 \times 60\text{mm}$) in the base material with a hammer drill and a correctly sized carbide drill bit for the anchor and clean out the hole of all debris. Knock expansion screw into the hole and then tighten it with a wrench



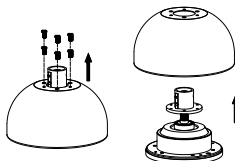
3) If there is a steel wire rope, install it on the load-bearing screw according to the following diagram. It is best to install the steel wire rope on a separate screw, not the screw for installing the hanger



5. Install the fan

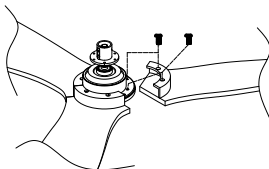
1) _____

Remove the 6 screws from the fan housing and set them aside for later use



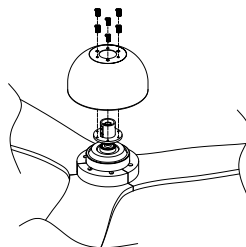
2) _____

First, remove the 6 screws on the motor, align the holes on the blade bracket with the motor holes, and tighten the screws.



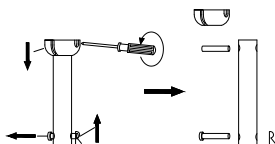
3) _____

Align the holes on the fan housing with the motor holes and tighten the screws



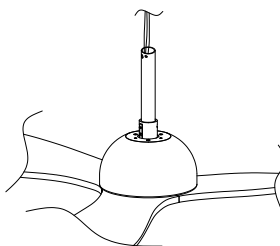
4) _____

Remove all parts of rod and Put it aside for later use



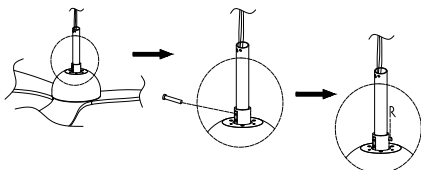
5) _____

Align the holes on the rod with the holes on the suspension head



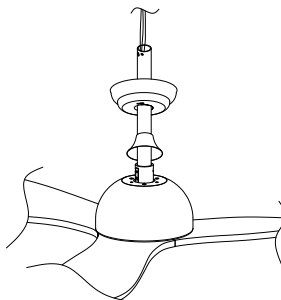
6) _____

Insert the corresponding hole with the plug and insert the R pin



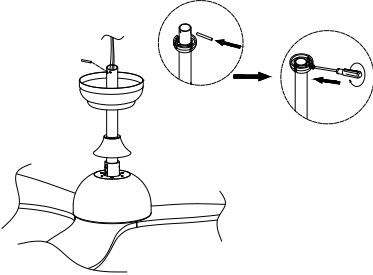
7) _____

Tighten the screw locking rod and place the decorative cover and canopy in sequence



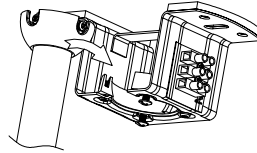
8)

Thread the pin through the rod, Put it into the groove of the hanging ball, and tighten it with two screws



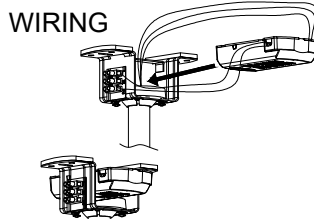
9)

Place the ball on the rod into the bracket, Rotate until corresponding to the slot



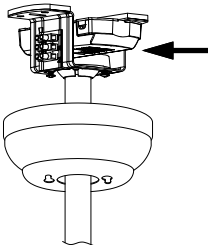
10)

According to the wiring diagram, Insert the socket of the cable into the controller and place the controller inside the bracket . Refer to the wiring diagram of P7



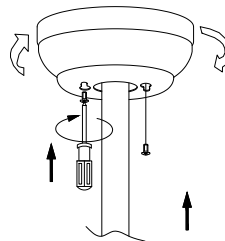
11)

All wires should be placed into the canopy

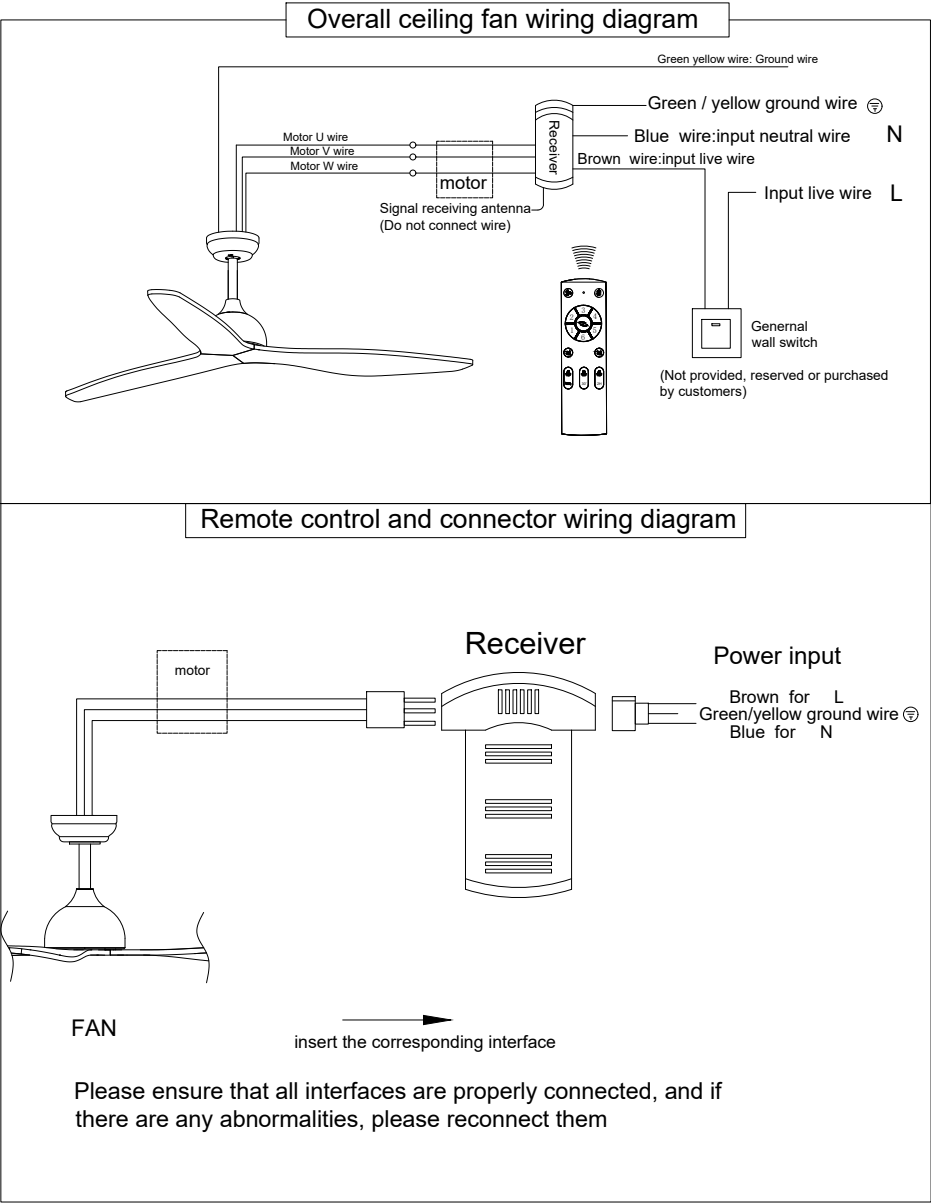


12)

Lock the canopy on the bracket with the screws and tighten



6.The wiring diagram



7. Remote controller user manual

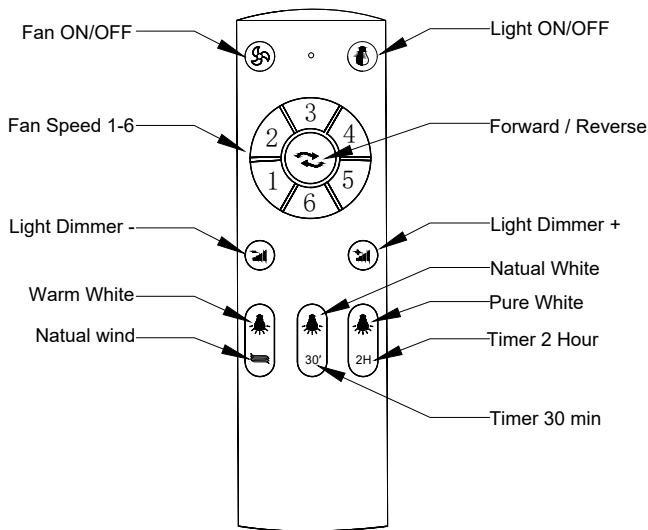
1. OPERATING TRANSMITTER(remote controller):

A. Install LRO3/AAA1.5V*2 volt battery(not included).

(To prevent damage to transmitter, remove the battery if not used for a long time).

B. Store the transmitter away from excessive heat or humidity.

C. Operating the buttons on the panel of the transmitter.



2. Learning code matching mode is used between remote controller and receiver.

Turn on the supply power within 5 seconds and press the remote controller "FAN ON/OFF" button for 3 seconds, it can load normally after hearing a long sound "bee", which means learning successfully and it can works normally. (PS: Learning mode is not accepted after turn "ON" the supply power for 5 seconds)

If the remote control cannot be operated normally or after replacing the remote control, please follow the above steps to pair the codes

8. TROUBLESHOOTING

Fan will not start:

1. Check circuit fuses or breakers
2. Check all electrical connections to ensure proper contact.
CAUTION: Make sure the main power is OFF when checking any electrical connection.
3. If the receiver makes a dripping sound or the light is on after power on, please pair the remote control according to the pairing method

Noisy Operation:

1. Make sure all motor housing screws are snug.
2. Make sure the screws that attach the fan blade brackets to the motor are tight.
3. Ensure that the upper side of the fan blade does not touch the motor cover and the lower side does not touch the bottom cover CAUTION: Make sure main power is OFF.
4. Allow a 24-hour "breaking-in" period. Most noise associated with a new fan disappears during this time.
5. If using an optional light kit, make sure the screws securing the glassware are tight. Check that the light bulb is also secure.
6. Some fan motors are sensitive to signals from solid-state variable speed controls. If you have installed this type of control, choose and install another type of control.
7. Make sure the upper canopy is a short distance from the ceiling. It should not touch the ceiling.

Excessive Wobbling:

1. Check that all blade and blade arm screws are secure.
2. Most fan wobbling problems are caused when blade levels are unequal. Check this level by selecting a point on the ceiling above the tip of one of the blades. Measure this distance. Rotate the fan until the next blade is positioned for measurement. Repeat for each blade. The distance deviation should be equal within 1/8"
3. Use the enclosed Blade Balancing Kit if the blade wobble is still noticeable.
4. If the blade wobble is still noticeable, interchanging two adjacent (side by side) blades can redistribute the weight and possibly result in smoother operation.

WARNING: TO REDUCE THE RISK OF PERSONAL INJURY DO NOT BEND THE BLADE ARM WHILE INSTALLING, BALANCING THE BLADES OR CLEANING THE FAN. DO NOT INSERT FOREIGN OBJECTS BETWEEN ROTATING FAN BLADES

9. Balance adjustment method of ceiling fan

if there is shaking after wind installation, please first confirm whether the screws fixing the hanging ball, derrick, hanger, hanger head, blade frame and blade are locked tightly, if the

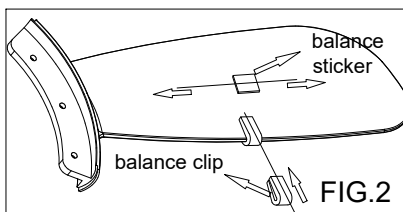
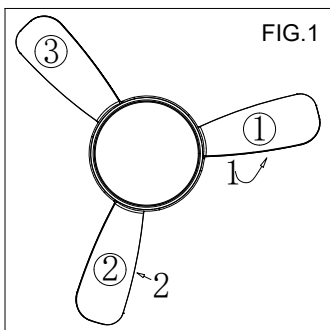
upper partis notlocked tightly, please lock it again.If the lock is tight, please adjust it in the following way

1.Change the blade position

- a.As shown in FIGture 1 on the right, please take off fan blades 1 and lock them tightly against each other to observe the effect.
- b.If there is no improvement after the adjustment, please switch the fan blade 2 and 3 and lock them tightly.

2.Use balance bag

- a.Take out the balancing bag in the packing box and use the balancing clip to select and clip to one edge of the fan blades(as FiG.2 shown).
- b.Turn on the fan switch to see if the swing of the ceiling fan has been reduced.If not, try another fan blade.For all the fan blades,the weakest one was found.
- c.Place the balance clip on the weakest fan blade, move inward or outward on the blade edge, and open the ceiling fan to find the best position for the balance clip to control the steady wobble (as shown in FIG.2 on the right).
- d.Take the balance sticker, tear off the double-sided adhesive tape of the balance sticker, and stick the balance sticker to the central position of the blade in the position of the balance clamp (as shown in FIG.2 on the right).



Warning

in order to prevent fire and electric shock, it is forbidden to install and use the electric switch which is not equipped with this ceiling fan.

Maintenance and repair of ceiling fans

1. It is recommended to check the connecting parts of the fan at least once a year, such as the hanger, the hanging pipe fastening screw and the fan blade, to ensure that their connection is still safe and reliable.

2. Clean the ceiling fan regularly to keep the surface clean and clean. When removing surface dust, please use a soft brush or cloth. When removing oil or laminate, wipe it off with a slightly wet cloth. Do not rinse with water directly.

3. Motor bearing is already provided with grease, do not add lubricating oil to the motor of ceiling fan. To avoid scratching the surface.

Warning

When repairing or cleaning ceiling fans, please cut off the power supply to avoid personal injury!

Ceiling fan trouble shooting solution

Fault phenomenon	Solution
Can't start	1. Check whether the fuses of the external power supply lines of the ceiling fan are blown out, and whether the automatic protection switch jumps off, resulting in circuit failure. 2. Check whether the voltage is seriously lower than the rated voltage of the ceiling fan. 3. Check if the internal wiring of ceiling fan has loose or bad contact problem. Note: after the above three inspections still can not eliminate the fault, please contact the electrical professional maintenance personnel or call the dealer for maintenance
Noise	1. Ensure the ceiling fan is not seriously impacted before installation. 2. Make sure the connecting bolt of lifting pipe is installed correctly and the lifting pipe screw is locked tightly. 3. New ceiling fans allow a 24-hour "trial run", after "trial run" the noise from most new ceiling fans will disappear. 4. It is not recommended to install on wooden ceiling, steel structure or prefabricated board as this will amplify the sound.
Can't light on	1. Check if the lamp wire connection is loose. 2. Check the light switch for damage, loose thread or bad contact 3. Check the light source if burn out.