

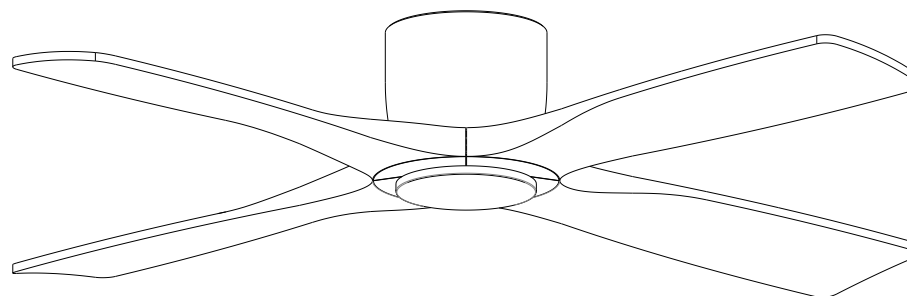
Maintenance and repair of ceiling fans

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.

XII. Ceiling Fan Troubleshooting Solutions & Common Problems

Can't start	1. Check whether the fuse of the external power line of the ceiling fan is blown, whether the automatic protection switch is tripped and the circuit is broken.
	2. Check whether the voltage is seriously lower than the rated voltage of the ceiling fan.
	3. Check whether the internal wiring of the ceiling fan is loose or has poor contact.
Noise	1. Ensure the ceiling fan is not severely impacted before installation
	2. Make sure that the hanging pipe connecting bolt is installed correctly and the hanging pipe solenoid is locked.
	3. The new ceiling fan allows a 24-hour "trial period", after the trial period, most of the ceiling fan noise will disappear.
	4. It is not recommended to install on wooden ceilings, steel structures or prefabricated panels, as this will amplify the sound.
The lamp is defective	1. Check whether the connection wire of the lamp is loose.
	2. Check whether the light switch is damaged, the wire end is loose or the contact is poor.
	3. Check whether the light source is burned out
Fan wobble	1. Check whether the mounting bracket is locked
	2. Check if the screw of the lock blade is locked
	3. Check whether the screw of the blade retracted to the motor is locked
	4. Can it be installed on the inclined ceiling? Yes, pay attention to the inclination angle not exceeding 30 degrees (pay attention to whether the drop ball will press the fan control)

Installation Instruction



WBCF-BS37/BS39/BS41/BS190

PLEASE READ AND SAVE THESE INSTRUCTIONS

Dear Customer,

Thanks for your purchase!

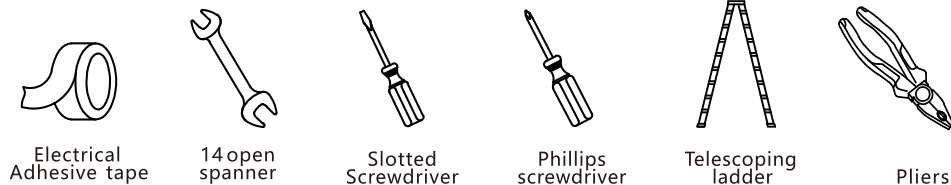
Should you have any questions or concerns, please do not hesitate to contact us

I、Precautions

Before using this ceiling fan with light, please read this manual carefully and operate strictly in accordance with the procedures.

- 1 The input voltage of this product: 120V/60Hz
- 2 If you have insufficient knowledge of electrical appliances, be sure to hire an experienced expert to install them.
- 3 Before installing and disassembling the ceiling fan light, please turn off the power first. The installation must be installed in the order of ground wire, live wire, and neutral wire. Before disassembly, it must be disassembled in the order of neutral wire, live wire and ground wire to avoid electric shock.
- 4 The ceiling fan must be installed on a solid ceiling, and the location of the ceiling fan must be able to withstand a gravity greater than 60 KG.
- 5 When installing the ceiling fan, all screws must be securely locked.
- 6 When the ceiling fan is rotating, no objects should touch the blades to avoid danger.
- 7 The angle and elevation of the leaf frame are determined after many repeated measurements, so it cannot be changed at will. When installing the leaf frame and blades, special care should be taken not to force collisions. If the angle and elevation angle of the leaf frame are deformed that will cause the ceiling fan to shake.

II、Prepare tools before installation:



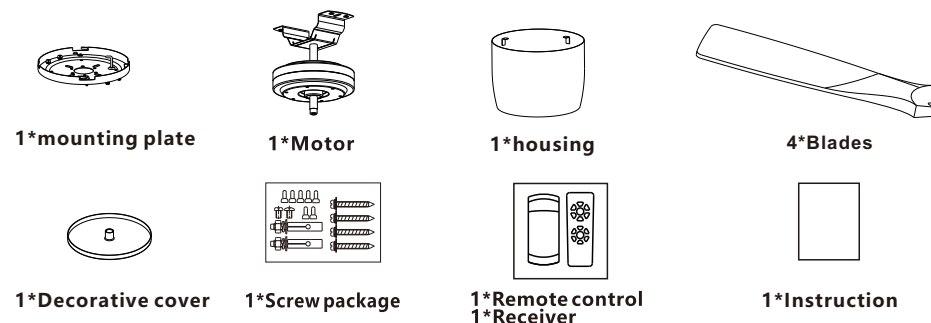
III、Basic parameters

- 1 Voltage: 120V/60Hz
- 2 Power: Motor power: 30W
- 3 Number of blades: 4 blades
- 4 Fan blade material: Solid Wood
- 5 Motor material: Pure copper wire winding and high-quality silicon steel stator, high efficiency, super quiet, energy saving.
- 6 Control method: Remote control
- 7 Diameter: 54/60inch
- 8 Reversible: YES

IV、Installation steps and instructions

1 Ceiling Fan Kit

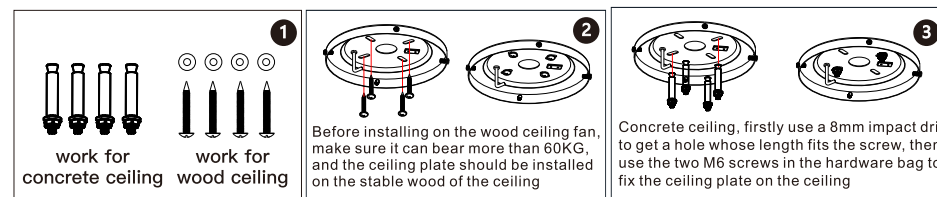
Before the ceiling fan is installed, there are the following accessories in the carton, please check them one by one, if there is no shortage, you can install it.



V、Installation Procedures:

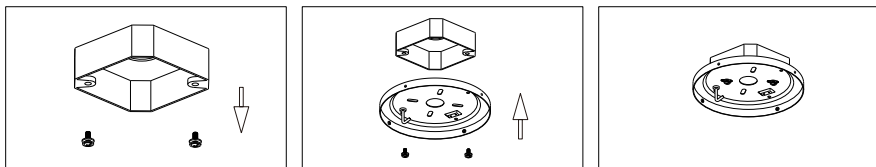
1. Secure the ceiling plate

First, Take out the hardware bag from package, (Figure 1), there are two different kind of screws to fix the plate, one work for concrete ceiling and the other work for wood ceiling, choose the right screws to fix the ceiling fan (Figure 2&3)



TIPS: Using different screws to secure the ceiling plate according to the different material of the ceiling, please do not install the ceiling plate on the ceiling which is unable to bear 60KG to prevent any potential danger. After the ceiling plate is located, make sure it can withstand more than 60KG, try to pull by hands to test if the ceiling is strong enough for safety.

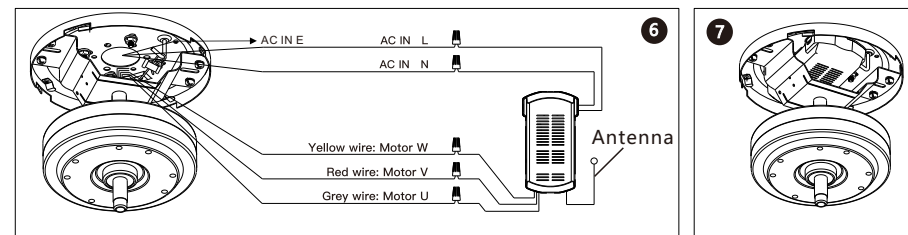
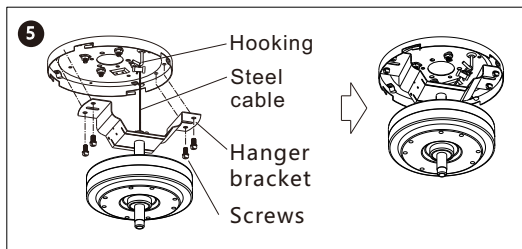
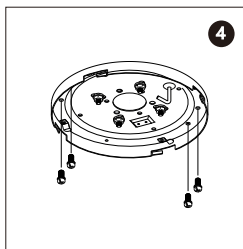
2. Install the ceiling plate to the outlet box
 - a. Take off the screws on the outlet box.
 - b. Install the ceiling plate to the outlet box by screws



WARNING: To reduce the risk of fire, electric shock, or personal injury mount to an outlet box marked “ Acceptable for Fan Support ”. Use the mounting screws provided with the outlet box .Most outlet boxes commonly used for supporting lighting fixtures are not acceptable for fan support and may need to be replaced. Consult a qualified electrician if in doubt

VI. Install the fan motor

1. As shown in the figure 4, remove the four fixing screws on the ceiling plate, then take out the motor from the package.
2. put the steel safety cable latch of the motor hangs into the ceiling plate hook, the four set screws through the hole of the hanger bracket and secure to the ceiling plate. (figure 5)
3. Take out the controller from package, and connect the controller wire to the motor wire together, (figure 6).
Remark: This wiring diagram suitable for ceiling fan with light models, There is no black/blue wires for without light models.
4. After the receiver wiring is completed, insert the receiver between the hanger bracket and ceiling plate.(figure 7)



ATTENTION:

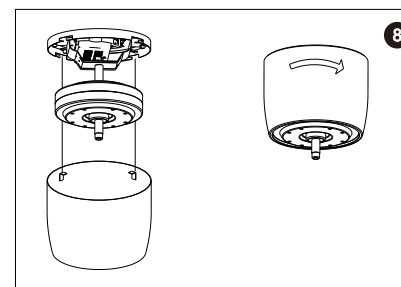
Make sure the power is off when you are connect in these wires for safety, and make sure every wires is connected right place.

Wiring method of remote control receiver:(Figure 6)

- a. Connected the neutral wire from ceiling to receiver white wire (AC IN N)
- b. Connected the live wire from ceiling to receiver black wire (AC IN L).
- c. Connected the yellow Motor W)from motor to yellow wire (Motor W) from receiver.
- d. Connected the red wire(Motor V) from motor to red wire(Motor V from receiver.
- e. Connected the Grey wire(Motor U)from motor to Grey wire (Motor U) from receiver.

VII: Install the housing:

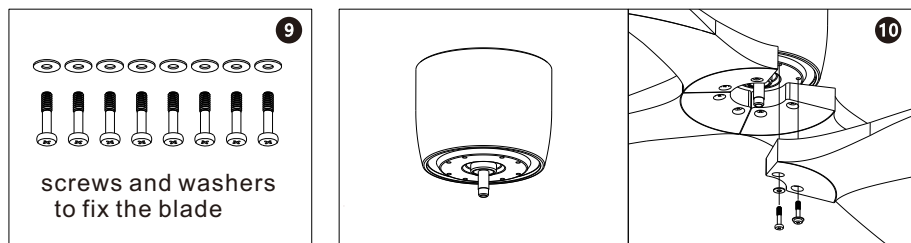
Align the lug of the housing with the notch of the ceiling plate, and rotate it clockwise to clamp the housing.(figure 8)



VIII. Install fan blades

- a. Take out the blade screws from hardware bag.(Figure.9)

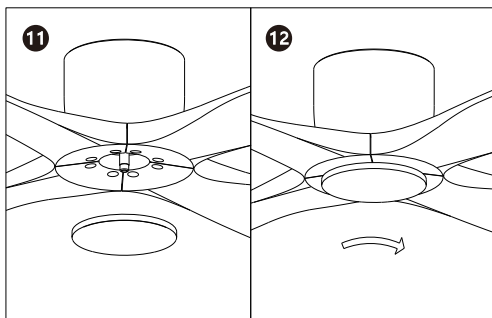
- b. Tighten the fan blades on the motor (Figure.10);make sure every screws are fix tightly for safety.



Note: The solid wood fan blades have a certain squeezing space. The blades must be installed with washers, and pay attention to locking with conventional force. Do not continue to apply force after the blades are locked to continue screwing in the screws, otherwise It will cause irreversible failures to the motor coil!

IX. Install the Lamp

- a. please install the decorative cap to the fan motor.(Figure.11)
b.Finished the installation see(Figure.12)



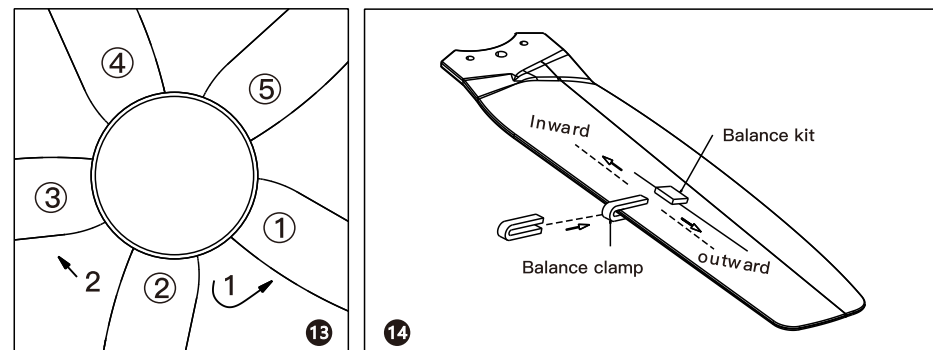
X. Balance adjustment method of ceiling fan

If there is any shaking after installing the ceiling fan please check if the screws that fix the drop ball, mounting bracket, hanger , leaf shelf , and blade are locked.

If one of the above parts is not locked tightly , please re-lock it . If it is locked, please try the following ways to adjust the balance.

1. Change the position of the fan blades:

- a. As shown in the figure 13 on the right, please remove the blades 1 and 2 and then lock each other to the opposite position to observe the effect .
b. If there is no improvement after step a. Please remove the fan blades 2 and 3 and re-lock each other to the opposite position to observe the effect.



2 . Adjust with balance pack

- a. Take out the balance bag from the packing box, use a balance clamp to select one of the fan blades and clamp the balance clamp on the edge of the tail end of the fan blade (as shown in Figure 14 on the right)
b. Turn on the fan to see whether the shaking of the ceiling fan has been reduced. If it does not improve, try another fan blade. Experiment with all the fan blades in turn to find the blade with the weakest clamping balance.
c. Clamp the balance clamp on the fan blade with the weakest shaking, move it in or out on the edge of the fan blade, turn on the ceiling fan to find the best position of the balance clamp to control the shaking balance (as shown in the right Figure 14)
d. Take the balance sticker, tear off the double-sided tape of the balance sticker, and stick the balance sticker on the center of the blade at the position of the balance clip (as shown in the right Figure 14)

XI. Precautions

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.