

SUN 221-0401 Ceiling Fan With Lighting Lamp With Remote Control



# SUN 221-0401 Ceiling Fan With Lighting Lamp With Remote Control User Manual

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**SUN 221-0401 Ceiling Fan With Lighting Lamp With Remote Control**



### **PLEASE READ AND SAVE THESE IMPORTANT SAFETY INSTRUCTIONS.**

Read the operating instructions carefully before putting the appliance into operation and keep the instructions, the receipt and, if possible, the box with the internal packing. you give this device to other people, please also pass on the operating instructions.

### **USER MANUAL SYMBOLS**

Important information for your safety is specially marked. is essential to comply with these instructions in order to avoid accidents and prevent damage to the machine:

**WARNING:** This sign warns you of dangers to your health and indicates possible injury risks.

**CAUTION:** This sign refers to possible hazards to the machine or other objects.

**NOTE:** This sign highlights tips and information.

### **SAFETY INSTRUCTIONS**

1. This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
2. Children should not play with the appliance.
3. Children should be supervised not to play with the appliance.
4. Cleaning and maintenance of the appliance must not be done by children without supervision.
5. Never leave children and people with reduced physical, sensory or mental abilities unattended near the appliance. Never leave infants, elderly or sick people under the air flow of the appliance.
6. Use the fan only for purposes described in the instruction manual.
7. The appliance is intended exclusively for private, domestic use and for the intended purpose. This appliance is not suitable for professional use.
8. Do not use the appliance outdoors.
9. **WARNING:** The electrical connection and installation of the ceiling fan must be done by a certified and specialized electrician and always in accordance with national regulations for electrical installations.
10. **CAUTION:** Before installing the ceiling fan, turn off the power to the main panel. Disconnect the fan from the power supply before installing or repairing it.
11. Make sure your mains voltage is the same as the voltage on the appliance's rating label.
12. **CAUTION:** The fan must be grounded.
13. Make sure the power cord is properly grounded to avoid the risk of electric shock.
14. **WARNING:** If unusual oscillating movement is observed, immediately stop using the ceiling fan and contact the manufacturer, its service agent or suitably qualified persons.
15. The fan must be placed in areas with good air circulation.

16. The fan must be installed on a flat and dry surface and in such a way that the blades are at a height of more than 2.30 meters from the floor.
17. During installation, make sure that there is a distance of at least 15cm. from the edge of the fins to the wall and from any other object. Keep in mind that the longer this distance, the better the air flow from your fan.
18. The support hook must be able to withstand 4 times the weight of the fan ( 4.4Kg) and a minimum weight of 68 kg to ensure proper placement.
19. The model of the fixture fitted to this particular fan has been manufactured for this purpose.
20. Do not connect the fan to a dimmer switch. This can cause engine noise (even damage) and poor performance of the appliance.
21. It is not recommended to operate the ceiling fan and gas appliances in the same room at the same time.
22. Before turning on the fan, make sure all connections are stable and secure.
23. **WARNING:** Due to the natural movement of the fan, some connections may loosen. Check support joints, brackets and blade fittings twice a year to make sure they are secure.
24. Keep the appliance away from heat sources, direct sunlight, moisture (never immerse it in any liquid) and sharp edges.
25. Do not use the appliance near bathtubs, showers, sinks, swimming pools, etc. where it may get wet or come into contact with water.
26. To protect against electrical shock, do not immerse the fan, plug or cord in water or any other liquid or spray with liquids.
27. Unplug from the electrical outlet when not in use, when moving the fan from one location to another, before putting on or taking off parts and before cleaning.
28. Do not operate the appliance without supervision. If you leave the room, you should always turn off the appliance.
29. Never attempt to stop the fan blades when operating.
30. To avoid injury, do not place or insert any object into the fan blades when the appliance is connected to the power supply or when it is in operation. Avoid contact with any moving part.
31. Do not place clothes or other objects on the fan.
32. Do not use the appliance near curtains.
33. Periodically check the appliance and its cable for any damage.
34. Do not use the appliance if it has been damaged in any way or if there are any visible signs of damage to the appliance. To avoid possible danger, do not attempt to repair the device yourself. Contact a qualified technician for repair. Use only original spare parts.
35. Do not attempt to repair the appliance yourself. Always contact an authorized technician.
36. Use only original spare parts. The use of accessories not recommended or sold by the manufacturer of the device may cause hazards.
37. The light source contained in this luminaire should only be replaced by the manufacturer or its maintenance agent or a person of equivalent qualification.
38. Do not use the appliance if its surface is cracked.
39. Do not operate any appliance, with a damaged cord plug after the appliance malfunctions, or has been dropped damaged in any manner.
40. If the power cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
41. Do not use the appliance unless all its parts are fully assembled.

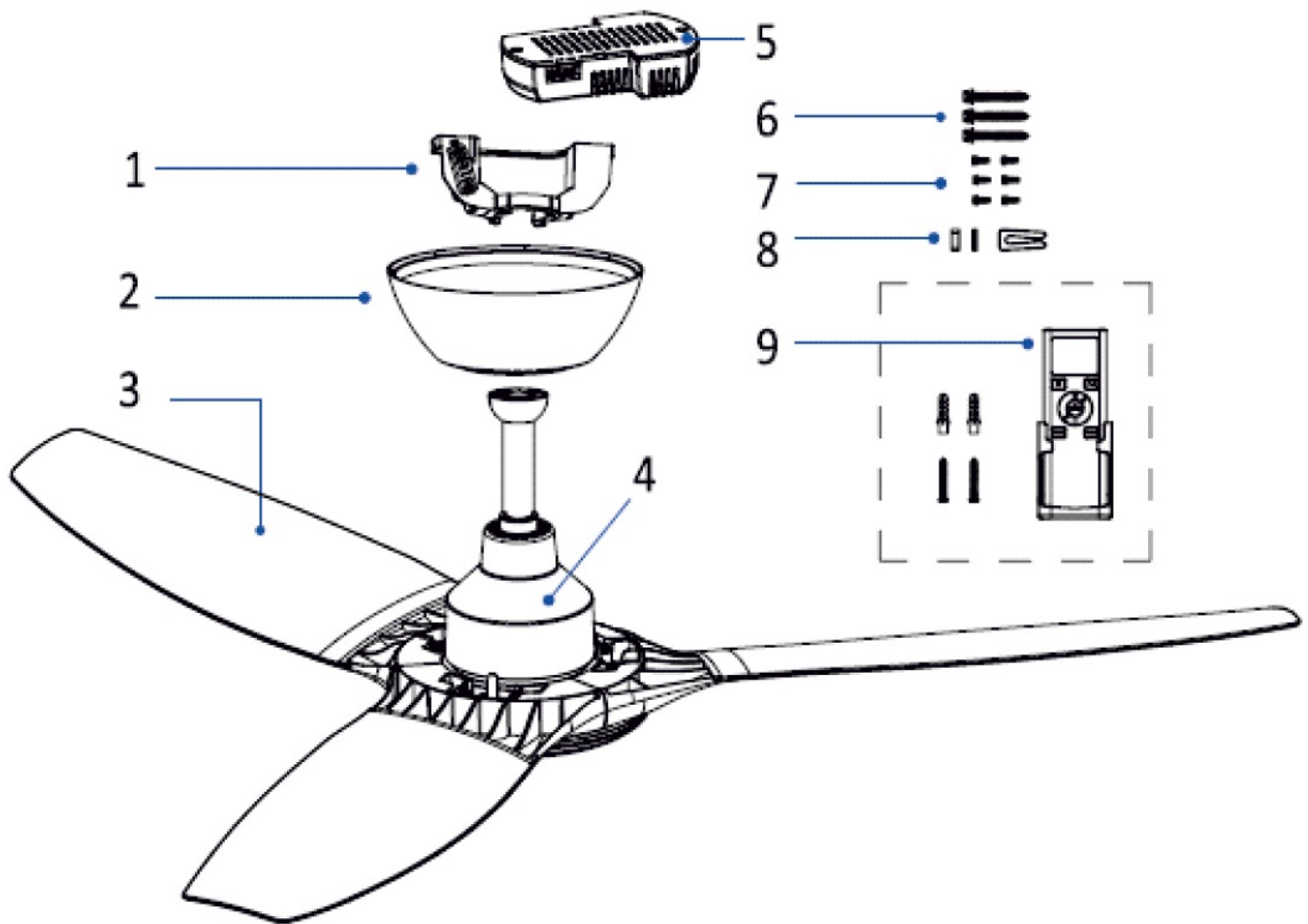
42. Do not use or store the appliance in places where there are flammable materials and gases, or in an environment with a lot of dust, air or steam.
43. Do not use the appliance near an open flame or other heating device.
44. Do not use the appliance in the presence of potentially explosive or flammable liquids or gases.
45. This appliance is not intended for use in barns, stables or similar rooms.
46. Keep the appliance away from children and pets.
47. Children should be supervised to ensure that they do not play with the appliance. In order to ensure your children's safety, please keep all packaging (plastic bags, boxes, polystyrene etc.) out of their reach.  
CAUTION: Do not allow small children to play with the foil. There is a danger of suffocation!
48. Your fan may make a slight noise at low speed. This is not a malfunction of the appliance or a defect because it is electrical noise caused by a power
49. If you plan not to use the fan for a long time, turn it off and disconnect the power supply.

## **BAT TERY SAFETY INSTRUCTIONS OF REMOTE CONTROL**

1. Batteries should be kept away from children.
2. Batteries must be correctly installed following the correct polarity.
3. Different types of batteries or new and used batteries should not be used together.
4. Never use batteries with electrolyte leaks or cracks.
5. Never swallow the battery. If the battery is swallowed, seek medical attention immediately.
6. Never short-circuit battery terminals or attempt to open batteries.
7. Remove the batteries if the remote control is not used for a long time to avoid battery fluid leakage.
8. Do not expose the remote control to sunlight.
9. Check the cover so that it remains closed.
10. Do not attempt to charge expired or non-rechargeable batteries. Buy new rechargeable batteries.
11. Batteries should not be exposed to excessive heat.
12. Never dispose of batteries in a fire. Risk of explosion and fire!
13. Batteries must be replaced in accordance with applicable disposal regulations. Please bring used batteries to a dedicated recycling center where they will be treated in an environmentally friendly manner.

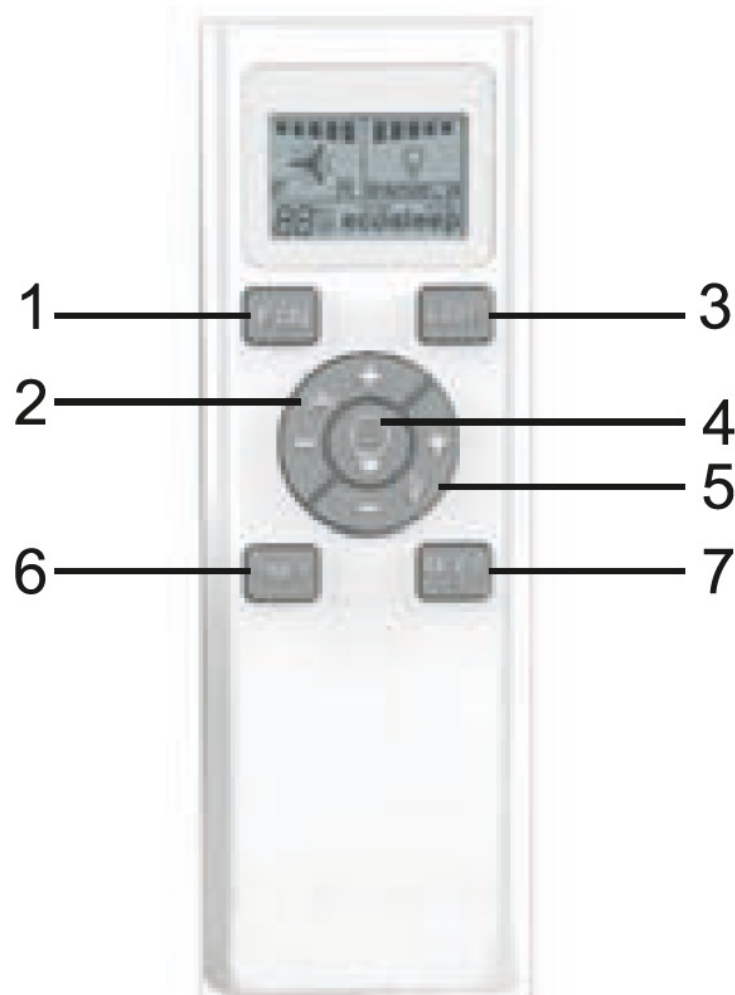
## **PARTS IDENTIFICATION**

1. Mounting plate
2. Upper canopy
3. Blade
4. Lower canopy
5. Receiver
6. Support base screw (for wooden ceiling)
7. Blade fixing screw
8. Balance kit
9. Remote control with mounting base and screws



## REMOTE CONTROL

1. Fan: ON / OFF button
2. + -: Air fan speed increase/ decrease button
3. LIGHT: LED Light on/off button
4. Color temperature selection key
5. + – Brightness increase/ decrease button
6. TIMER: Timer setting button
7. MODE F/R: Mode selection key/ Mode change



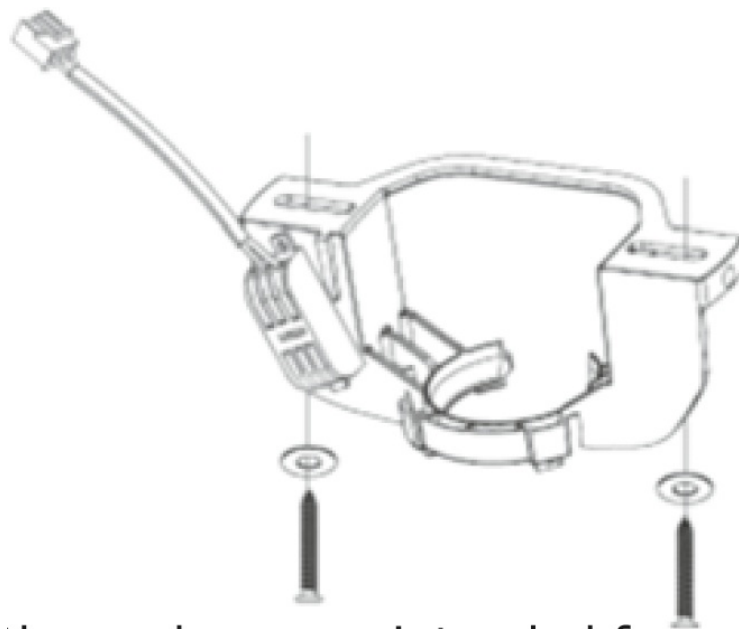
## CEILING FAN INSTALLATION

**WARNING:** The electrical connection and installation of the ceiling fan must be done by a certified and specialized electrician and always in accordance with national regulations for electrical installations.

The motor/ rod/ cover and LED kit are pre-assembled.

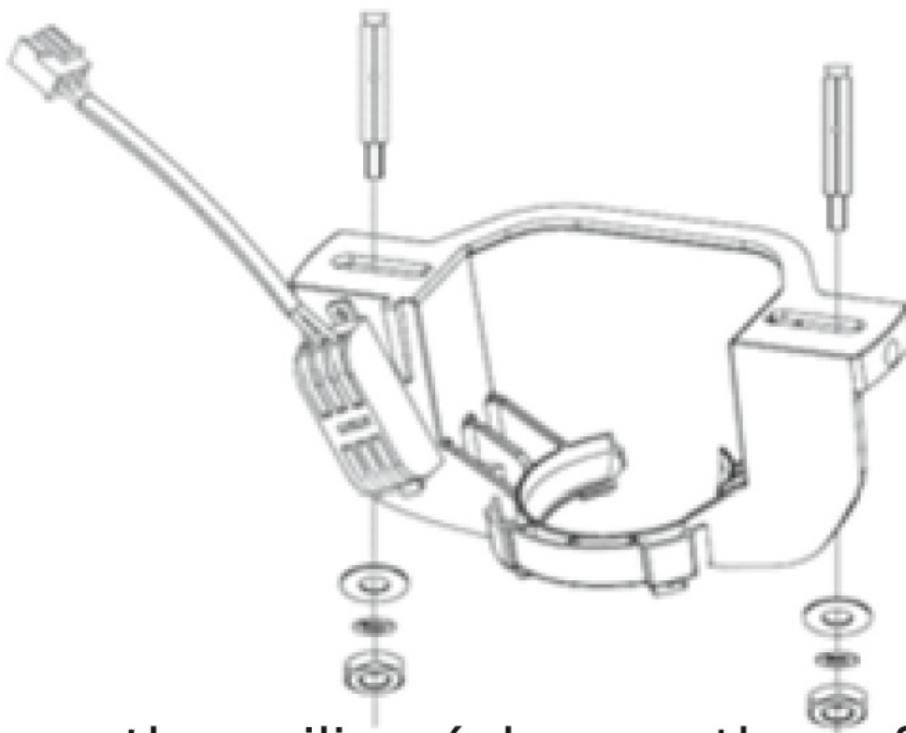
1. Remove all packing materials and keep them away from babies and children.
2. Place the mounting plate in a suitable place on the ceiling (following safety instructions) and secure it with the supplied screws.

## INSTALLATION ON A WOODEN CEILING



**NOTE:** The mounting screws included in the package are intended for use in wooden structures. For constructions from other material, e.g. concrete structures, the appropriate type of screw should be used.

#### INSTALLATION ON A CEMENT CEILING

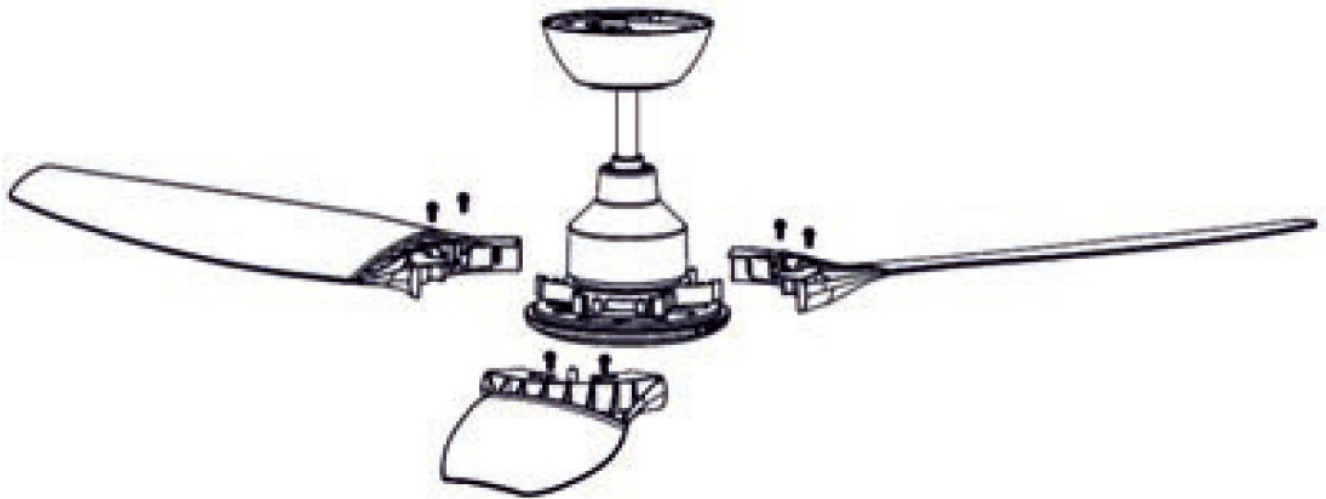


Place the mounting bracket in a suitable place on the ceiling (observe the safety instructions) and mark the holes to be drilled. Remove the bracket and drill through the concrete ceiling by making 2 holes corresponding to the diameter of the included dowels. Then insert the dowels into the holes and press them in using a hammer. Place the bracket in the appropriate position and secure securely with the supplied screws, washers and nuts.

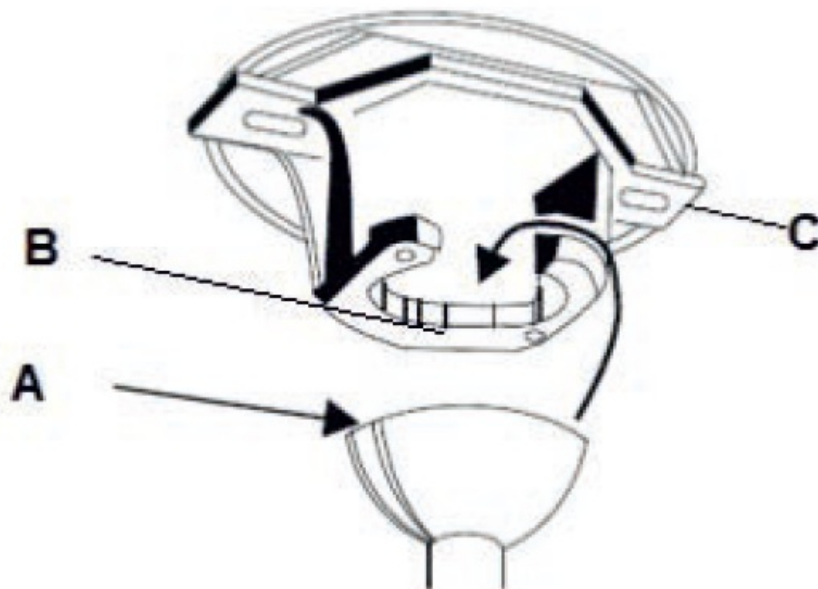
**NOTE:** The mounting screws included in the package are for a concrete wall. For constructions from other material, e.g., wooden structures, the appropriate type of screw should be used.

Attach the blades to the motor body using 2 mounting screws for each blade: Place each blade in place by aligning the holes in the blade with the corresponding holes on the motor body. Then carefully tighten the 2 screws of each fin until you are sure that the blade are secured on the motor and there is no risk of them coming out of position

during the operation of the appliance.

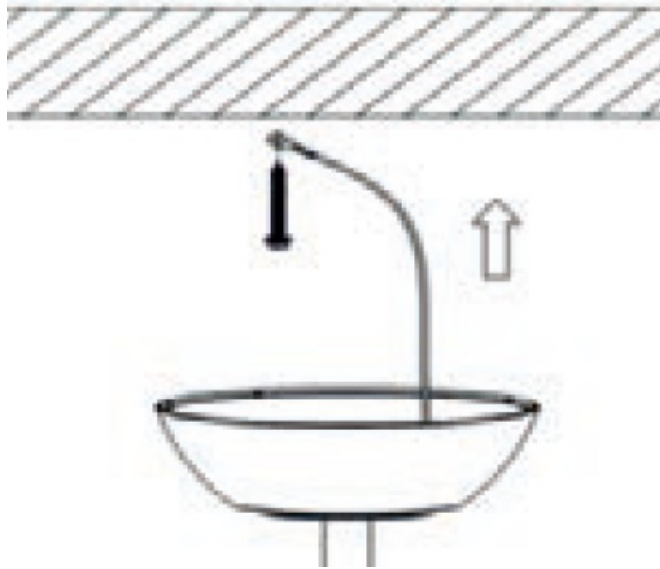


Then hang the ball joint and fan on the mounting bracket. Make sure the base guide is seated in the socket of the ball joint.

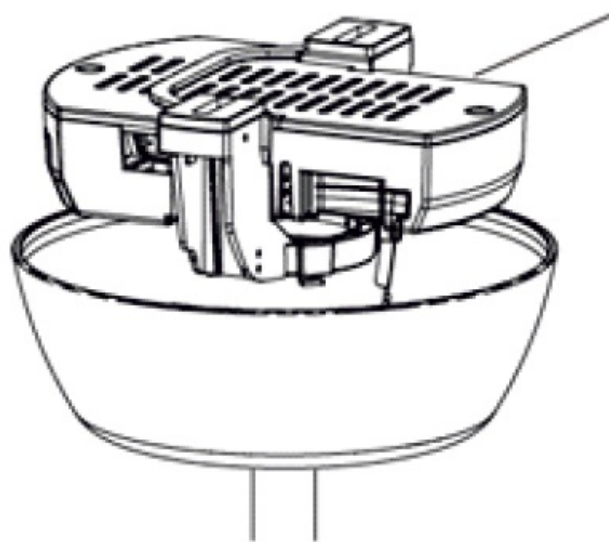


For maximum safety, attach the supplied safety cable, ideally to a point independent of the fixing point, or for example to a hook screw on a concrete ceiling.





Place the remote control receiver between the mounting base and the ball joint as shown below:



Then make the electrical connections following the instructions below:

**WARNING:** Before proceeding with the electrical connections, read the safety instructions carefully. Before any connection, make sure to turn off the power supply. Turn on the power supply only when the fan installation is fully completed. Electrical connections must be made in accordance with current regulations and by a qualified electrician.

### CONNECTION WITH POWER SUPPLY

1. Connect the power supply cables to the corresponding sockets on the base of the fan as shown in the image below.
  1. Neutral: N (Blue wire) – connect it to the hole of the terminal from which the wire of the same color comes out from the opposite side)
  2. Phase: L (Brown wire) – connect it to the terminal hole from which the wire of the same color comes out from the opposite side)

#### NOTES:

2. When making the connections, firmly join the copper conductors of each wire and attach the clamp to the wire.

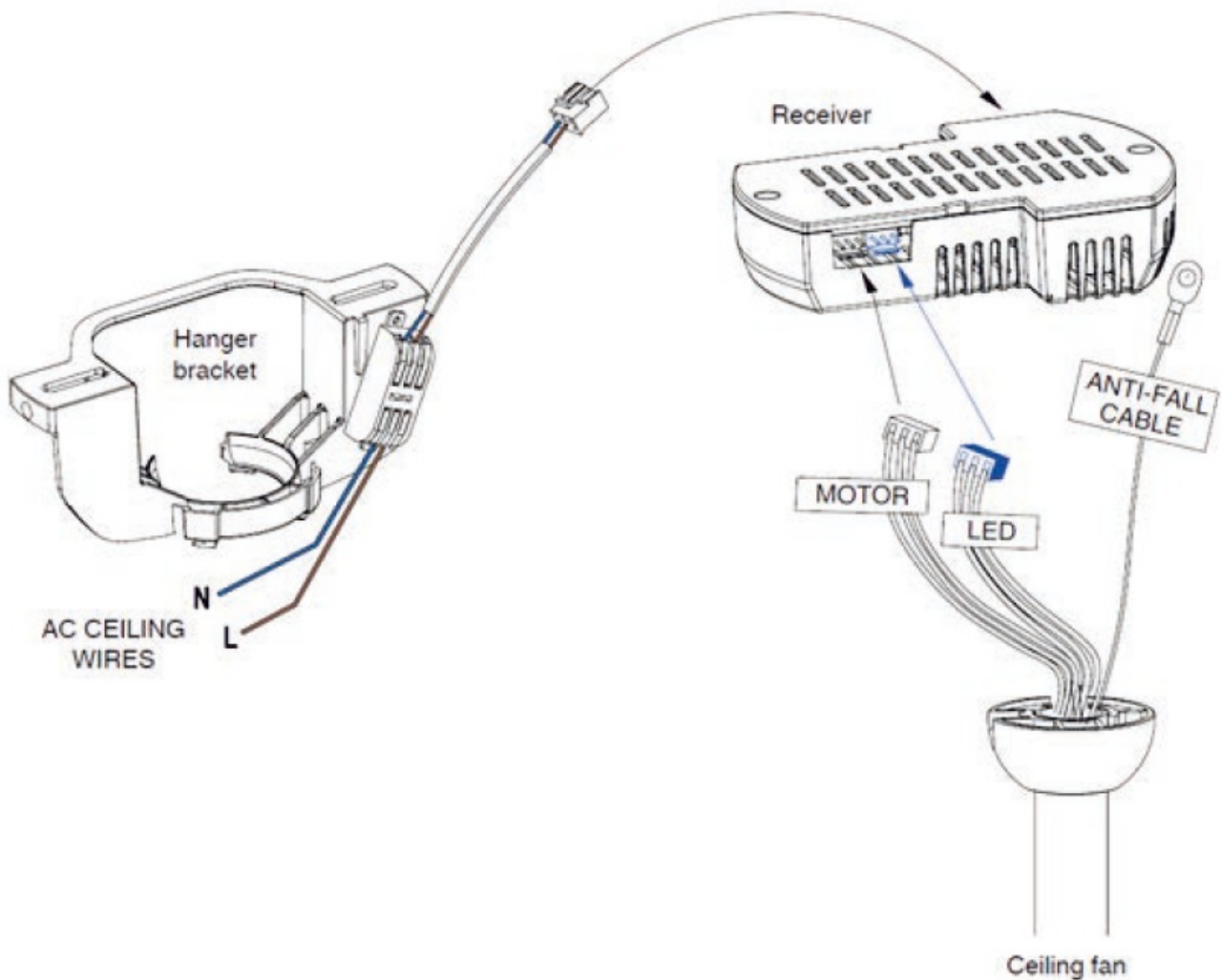
3. Take care to ensure that all conductors of the cable are properly seated within the terminal and that no bare copper is protruding from the terminal to avoid the possibility of short circuit and electric shock.

### CONNECTING RECEIVER WITH POWER SUPPLY

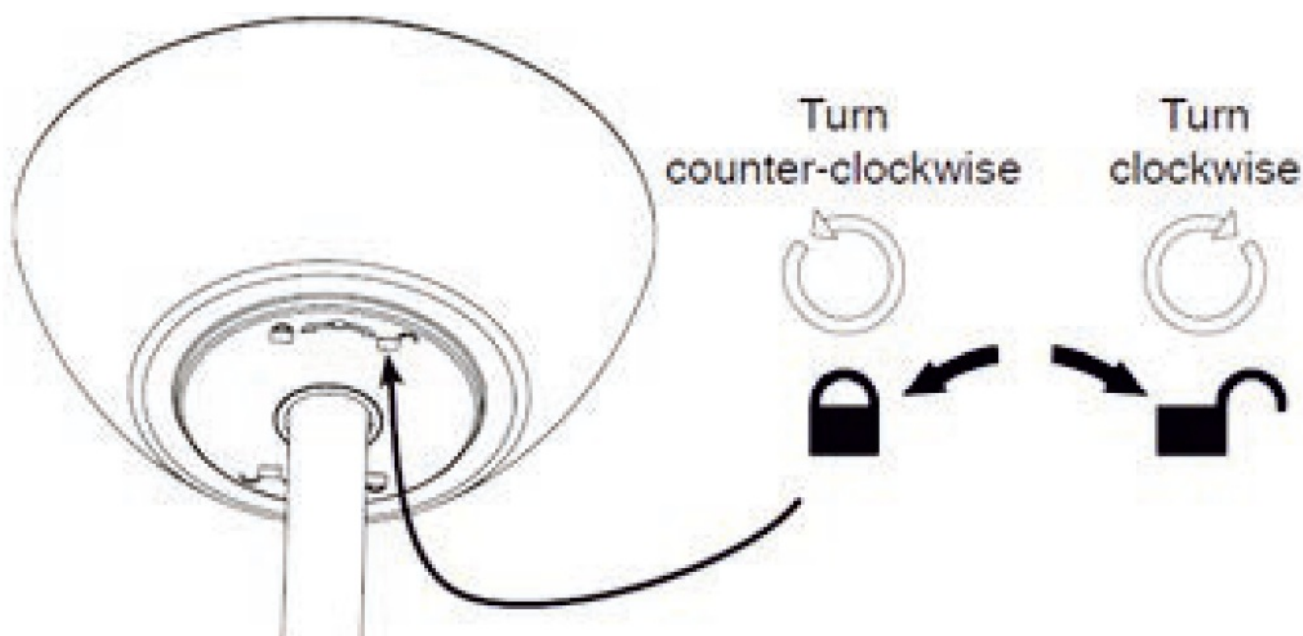
Insert the female connector (AC INPUT) of the mounting base into the male connector (AC INPUT) of the receiver.

### CONNECTION OF RECEIVER WITH FAN

- Place the female connector (UP-Clamp with blue, gray and black wire) of the motor into the male connector of the receiver (MOTOR).
- Insert the female connector (LED-Clamp with red, yellow and white wire) of the light into the male connector of the receiver (LED).



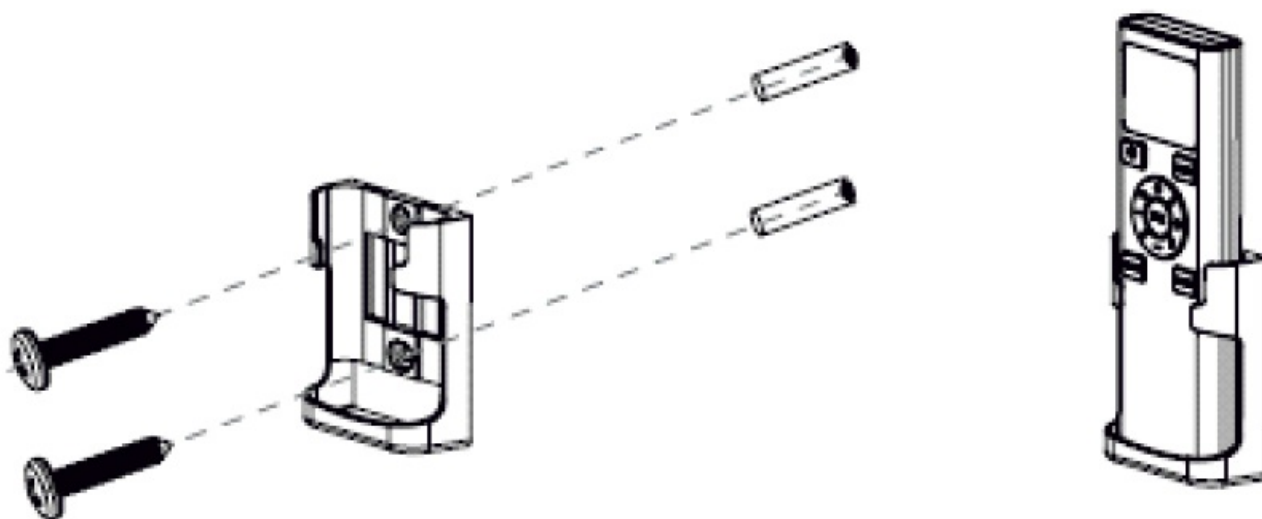
Once you have completed the electrical connections, place the top cover on the corresponding guides on the mounting base and rotate the cover counterclockwise to lock it into place. To unlock, turn the cover clockwise.



**NOTE:** If during operation, the fan is heard to creak, double-sided tape a counterweight to a blade and test. If the squeaking persists, try the same procedure with the remaining fins.

### OPTIONAL REMOTE WALL BASE INSTALLATION

If you want to mount the remote control stand, find a suitable spot on the wall and mark the holes to be drilled. Remove the support base and drill by making 2 holes. Then insert the dowels into the holes and press them in using a hammer. Place the support base in the appropriate position and secure it well with the screws and washers.

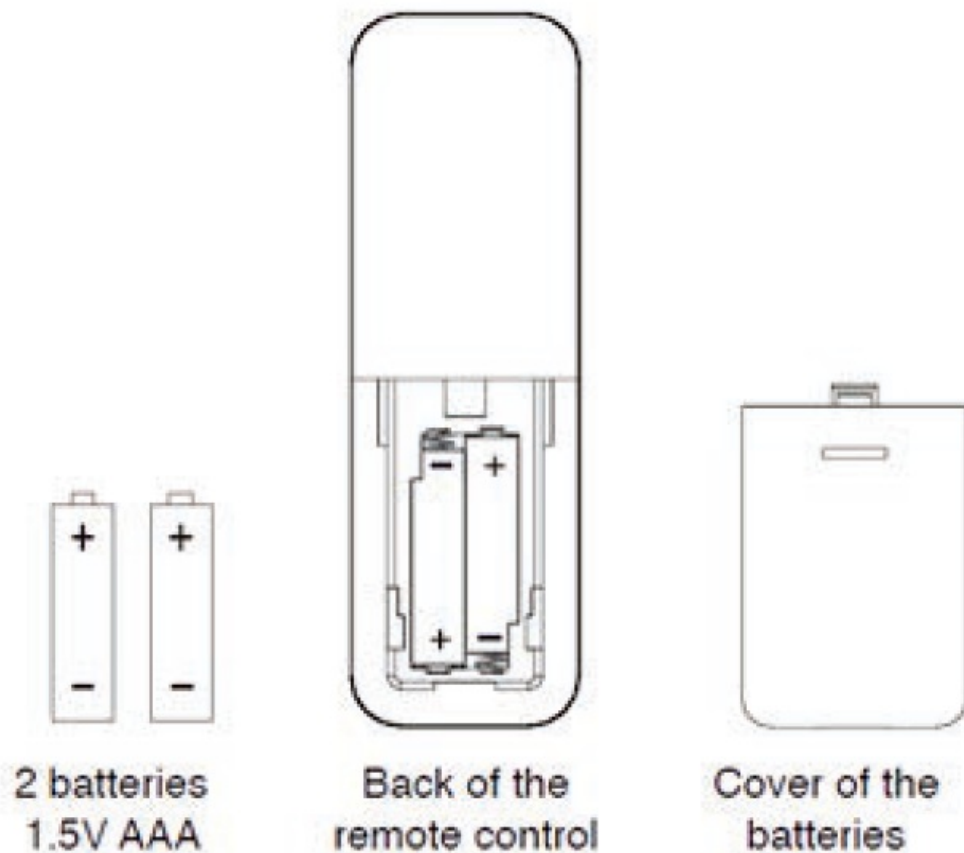


### USE OF REMOTE CONTROL

1. Use the remote control to set the fan speed and turn on / off the light and fan, select the brightness level, set the desired turn-off time via the timer and change the direction of the blades.
2. Open the battery cover on the remote control and insert 2x AAA I.SV batteries following the correct polarity (batteries are not included in the package).
3. Place the cover back in place.

4. Point the remote control towards to sensor and press the button you want for the corresponding function.

**NOTE:** If you do not use the appliance for a long time, please remove the batteries from the remote control to avoid battery fluid leakage.



#### **REMOTE CONTROL WITH RECEIVER PAIRING PROCEDURE**

By default, the remote control and receiver are already paired. In the rare event that the remote control is not connected to the receiver, follow these steps:

1. Turn off the power supply.
2. Wait a few seconds and then turn the power back on.
3. Within 20 seconds of power on, press and hold the FAN button on the remote control for about 8-10 seconds, pointing the remote control at the fan sensor.
4. The receiver beeps when pairing is complete. You will then be able to use your remote control to control your ceiling fan.

#### **REMOTE CONTROL PAIRING PROCEDURE WITH OTHER CEILING FANS OF THE SAME MODEL**

If you have multiple ceiling fans of the same model installed, it is possible to control them all with a single remote control.

Repeat the REMOTE CONTROL TO RECEIVER PAIRING PROCEDURE above with all other ceiling fans you wish to sync to the same remote control.

### **USING THE APPLIANCE**

#### **HOW TO SWITCH ON THE FAN**

Switch on the fan by pressing the FAN button on the remote control. The default fan speed is speed 3. To turn off the fan, press the FAN button again.

## SELECTION OF OPERATING SPEED

Select the fan rotation speed by pressing the speed adjustment button + – on the remote control. The fan has 5 available operating speeds:

- Very low (1)
- Low (2)
- Medium (3)
- High (4)
- Very high (5)

Press the +: + key to increase the speed.

Press the -: key to decrease the speed.

**NOTE:** The number of lines visible on the remote control display corresponds to the selected speed.

## OPERATING PROGRAM SELECTION

The fan has 3 operating modes:

- NORMAL (steady continuous operation at selected speed)
- SLEEP (the ceiling fan automatically reduces its speed by one level every 30 minutes. Select the starting speed before activating the SLEEP function. MODE SLEEP is displayed on the remote control screen when this function is activated)
- ECO (the ceiling fan operates in eco mode at a high level of energy efficiency, between speeds 1 and 2. ECO MODE appears on the remote control screen when this mode is activated.

Press the MODE F/R button to select the desired operating program among the three above.

**NOTE:** Fan speed cannot be adjusted during ECO and SLEEP programs.

## ACTIVATION AND LIGHTING ADJUSTMENT PROCEDURE

You can turn the light on/off by pressing the LIGHT button on the remote control.

Select the desired color temperature by pressing the button on the remote control (3000° K / 4000° K / 5000° K).

Press the + button to increase the light intensity.

Press the – button to dim the light.

## TIMER

The timer can be set to turn off the fan at a certain time (up to 12 hours).

Press the TIMER button on the remote control to set the desired turn-off time. Each key press corresponds to a 1-hour increment.

To turn off the timer, press the TIMER button until the corresponding indicator on the remote control disappears, or turn off the fan manually.

## SETTING WINTER/ SUMMER OPERATION

Change the operating direction of the fan blades by pressing the button to select the desired operating direction of the fan. It is recommended to press the fan direction switch ONLY when the fan is stationary and not rotating.

Press and hold the MODE F/R button for 3 seconds to change the direction of the blades. By default your ceiling fan rotates counterclockwise (summer mode).

F or R will appear on the display.

- F forward = S = Summer = counterclockwise rotation (summer mode)
- R reverse = W = Winter = clockwise rotation (winter mode)

## CLEANING AND MAINTENANCE

Follow the instructions to safely take care of the appliance.

1. Always make sure that the appliance is unplugged before cleaning it.
2. Wipe the body of the device with a soft damp cloth and wipe well to dry.
3. Be careful not to let the cord and the appliance come into contact with water.
4. Do not use anything abrasive that can scratch or damage the appliance. Do not use a wire brush or other abrasive utensils for cleaning. Do not use chemical solvents (such as benzene, alcohol or gasoline) as they may cause irreversible damage to the unit.

It is recommended that you regularly check the condition of the ceiling fan and ceiling fan mount (at least twice a year depending on use). Due to frequent use of the ceiling fan, the screws tend to loosen over time. Check and tighten the screws of the mounting base, fins, motor cover and LED light if necessary.

## STORAGE

1. Always unplug the appliance before storing it.
2. The appliance should be disassembled before storing.
3. Always store the appliance in a well-ventilated, humid, safe and clean place. For the better protection of the appliance, store it in its original packaging.



### DISPOSAL OF APPLIANCE AND ACCESSORIES

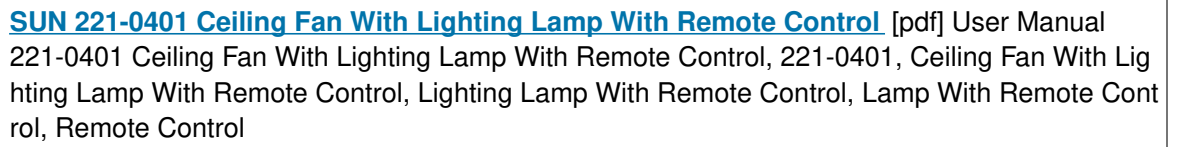
This symbol appearing on the product, its accessories or accompanying manuals indicates that the product and its electronic accessories should not be disposed of with other household trash.

In order to avoid possible harmful effects on the environment or health due to uncontrolled waste disposal, please separate these products from other types of waste and recycle them.

Household users should contact either the store where they purchased this product or their local services for details of where and how they can return these products for environmentally safe recycling.

### DISPOSAL OF BATTERIES

This marking on the battery, manual or packaging indicates that the batteries of this product should not be disposed of with other household waste at the end of their life cycle.



- User Manual

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