



Installation Manual

CONCORDE II DC 58" CEILING FAN, With remote control



YOUR BRILLIANT CONCORDE II DC CEILING FAN

Congratulations on the purchase of your new quality Brilliant Concorde II Ceiling Fan. Before installation, it is most important that you read and follow the instructions in this use and care booklet, even if you feel you are quite familiar with this type of product.

Find a safe place and keep this booklet handy for future reference.

THIS IS NOT A DIY PRODUCT.

THIS PRODUCT MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN

IMPORTANT SAFEGUARDS:

Read all instructions carefully, even if you feel you are quite familiar with this type of appliance. When using electrical appliances, in order to reduce the risk of fire, electric shock, and/or injury, these basic safety precautions should always be followed:

1. This ceiling fan **MUST** be installed by a Qualified Electrical Contractor in accordance with the local regulations, and all local, state and national electrical codes. Any alterations or additions to building wiring must be completed by a licensed electrical mechanic, or person authorised by legislation to work on the fixed wiring of any electrical installation.
2. The ceiling fan must be connected to a 240V AC 50Hz power supply.
3. All electrical work must only be undertaken after disconnection of the power by removing fuses or turning off the circuit breaker, to ensure all pole isolation of the electrical supply.
4. The fan must be electrically Earthed.
5. The fan must be installed that the blades are **at least 2.1** metres above the floor.
6. The structure that the ceiling fan is connected to must be capable of supporting a weight of at least 45kg. The fixing must be able to support the moving weight of the fan and must not twist or work loose.
7. Make sure that the installation site will not allow the rotating fan blades to come into contact with any object and that there is a minimum clearance of 150mm (6") from the blade tip to the wall or ceiling. Please note that the bigger this clearance is the better the airflow from your fan will be.
8. **DO NOT** use outdoors unless covered. Refer to Warranty terms for Alfresco use.
9. **DO NOT** connect the fan motor to a dimmer switch. This may damage to the motor. Use **ONLY** the provided remote controller.
10. This appliance is not intended for use by young children or infirm persons without supervision.
11. Young children should be supervised to ensure that they **DO NOT** play with the appliance.
12. It is not recommended that ceiling fans and gas appliances be operated in the same room at the same time.
13. The fan must be set to its lowest speed before reversing the fan direction. This will prevent any damage to the motor of the fan or controller (if installed).
14. Do not insert anything into the fan blades whilst they are spinning. This will damage the blades and upset the balance of the fan causing the unit to wobble.
15. After the fan is completely installed make sure that all base and fan blade fixings are secured and tightened to prevent any problems.
16. Because of the fan's natural movement, some connections may loosen. Check the support connections, brackets and blade attachments twice a year to make sure they remain secured. If any are loose, tighten.
17. A blade balancing kit is included. Ensure blades are balanced immediately after installation to reduce wobble and noise.
18. An all-pole disconnection incorporated in the fixed wiring is to be provided, such as a n all-pole switch or a supply cord fitted with a plug.

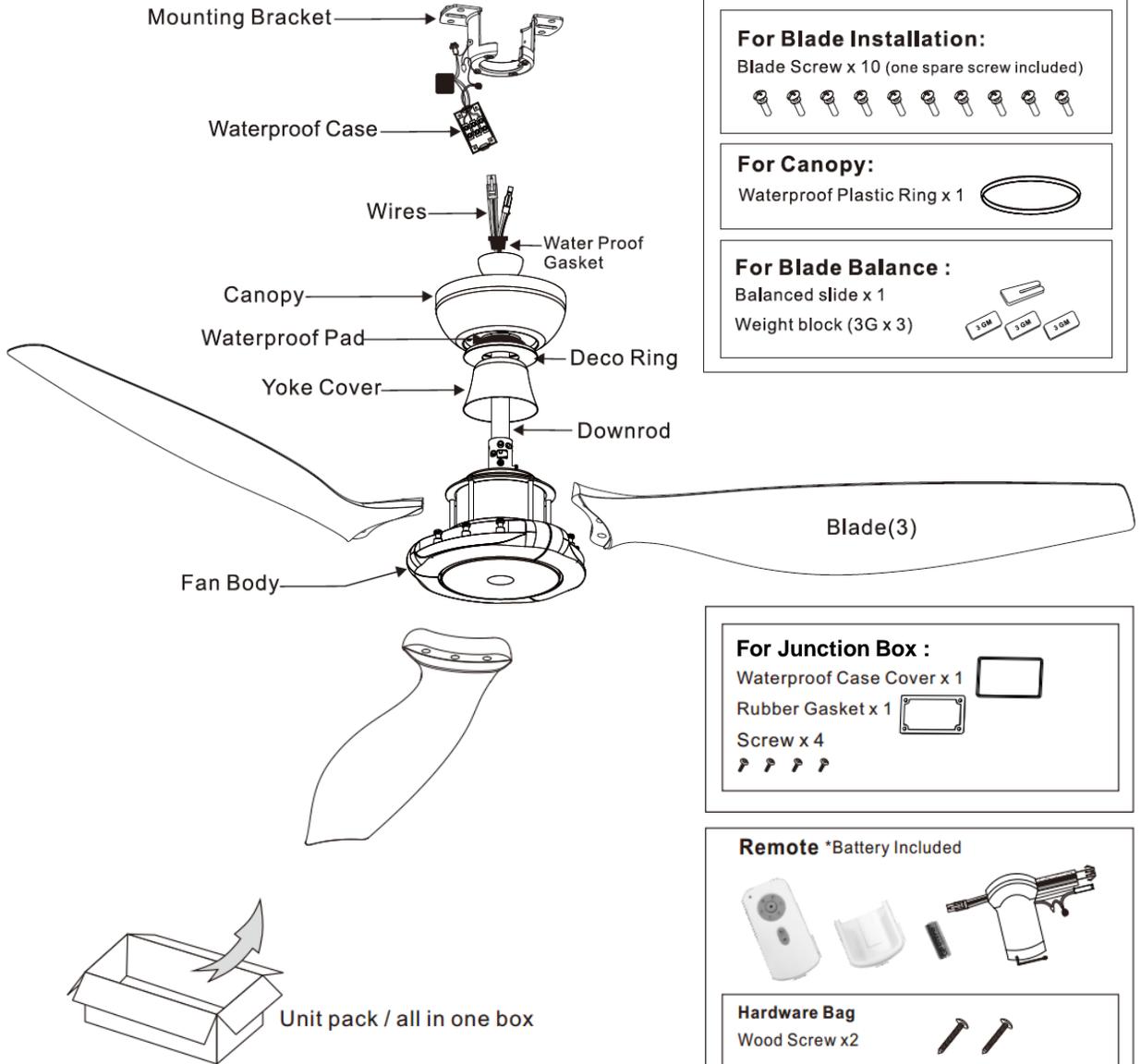
IMPORTANT NOTE:

The important safeguards and instructions given in this manual are not meant to cover all possible conditions and situations that may occur. It must be understood that common sense, caution and care are factors which cannot be built into any product.

FAULT FINDER:

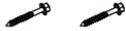
- Always check the "Trouble Shooting Checklist" included in this booklet before seeking warranty claim.
- Mechanical noise may be noticed on installation. Allow at least 8 hours settling-in period.
- Some fans may wobble more than others, even if they are identical. This does not necessarily indicate a fault.

UNPACK AND INSPECT FAN CAREFULLY TO BE CERTAIN ALL CONTENTS ARE INCLUDED.



Hardware Bag

For Mounting Bracket:

Wood Screw x2 

For Blade Installation:

Blade Screw x 10 (one spare screw included)



For Canopy:

Waterproof Plastic Ring x 1



For Blade Balance :

Balanced slide x 1

Weight block (3G x 3)

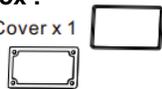


For Junction Box :

Waterproof Case Cover x 1

Rubber Gasket x 1

Screw x 4



Remote *Battery Included



Hardware Bag

Wood Screw x2



Selecting a Location

DO NOT use outdoors unless covered. Refer to Warranty terms for Alfresco use

Choose a location for mounting the fan where the blades will have at least 2.1 metres of clearance from the floor.

If the location you have chosen does not have a suitable support beam capable of supporting 45kg, install a brace at least 2" x 4" between the ceiling joists as a support medium.

Make sure that the installation site will not allow the rotating fan blades to come into contact with any object and that there is a minimum clearance of 150mm (6") from the blade tip to the wall.

Please note that the bigger this clearance is the better the airflow from your fan will be.

Before Installing

Unpack your ceiling fan carefully, then remove all parts and components, and lay on a cloth or soft surface to avoid damage. DO NOT lay the motor housing on its side, the housing may get damaged.

Before commencing installation, check that all parts are included. NB: You may need to remove all foam packaging material to ensure there are no missing components.

Mounting the plate

Secure the mounting bracket to the ceiling joist or suitable structure that is capable of carrying a load of at least 45kg, Ensure that at least 30mm of the mounting screws are threaded into the support (See Fig 1).

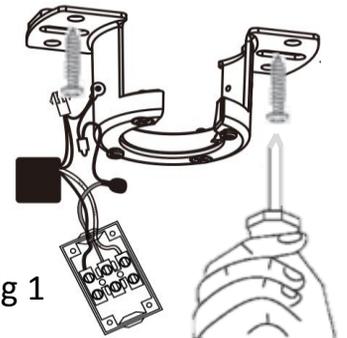


Fig 1

Wiring the terminal block

Note: This ceiling fan must be installed by a licensed/qualified electrician.

CAUTION: Before installing the fan, make sure you have turned OFF the electricity supply.

IMPORTANT: ENSURE ALL CABLES ARE ELECTRICALLY ISOLATED BEFORE WIRING.

Remove the junction box cover and wire the incoming power cables to the terminal block mounted inside the junction box. Connect Active, Earth and Neutral to the corresponding L, N,  terminals respectively (See Fig 2 and Fig 3).

Check that there are no loose wire strands hanging out of the terminal block. Check that the cables are terminated into the correct position in the terminal block.

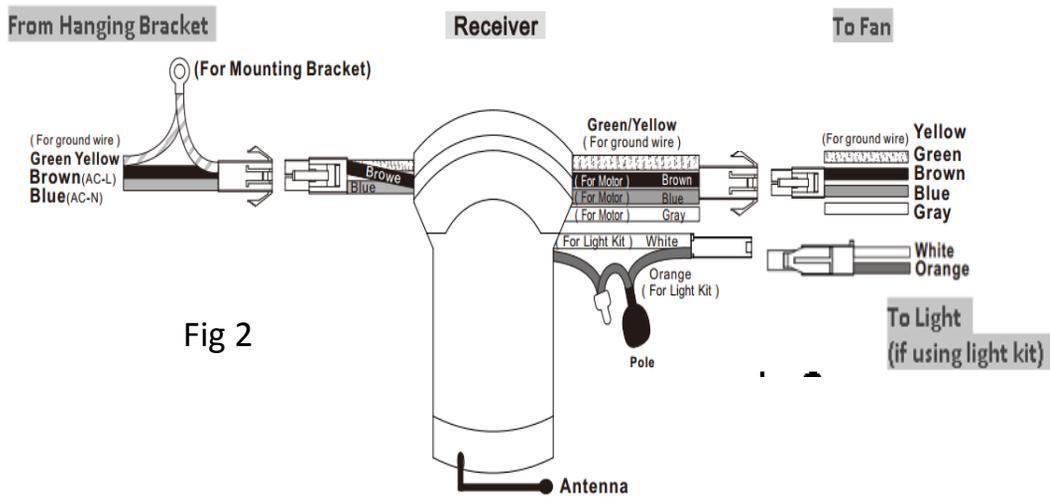
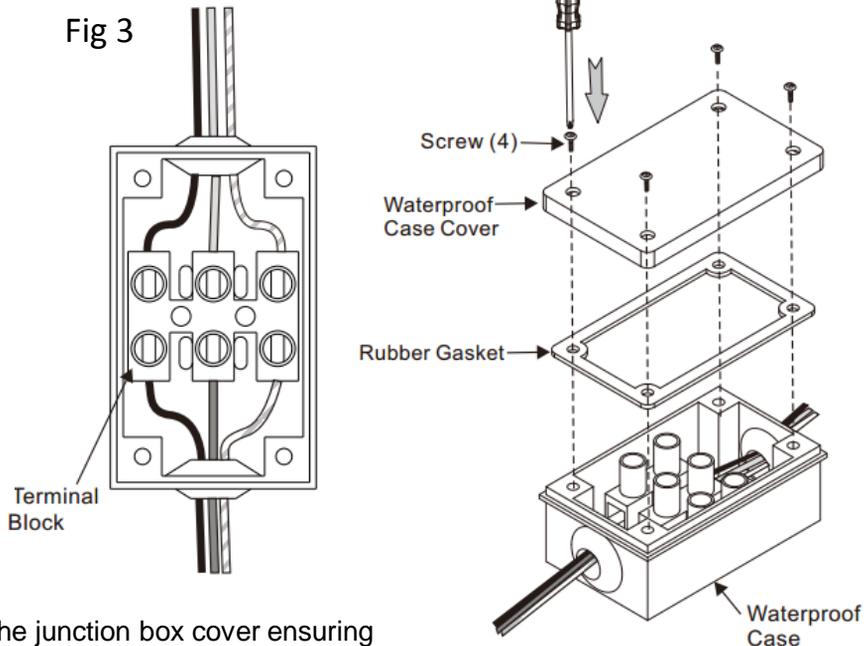


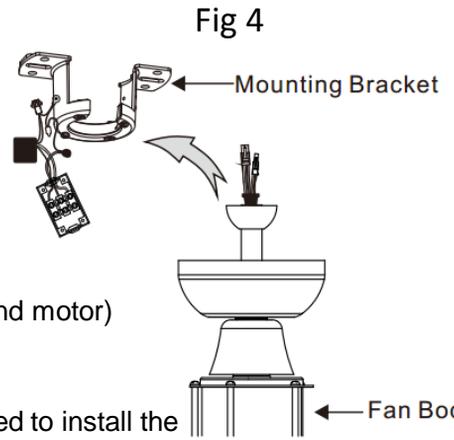
Fig 2



Reassemble the junction box cover ensuring the rubber gasket is used.

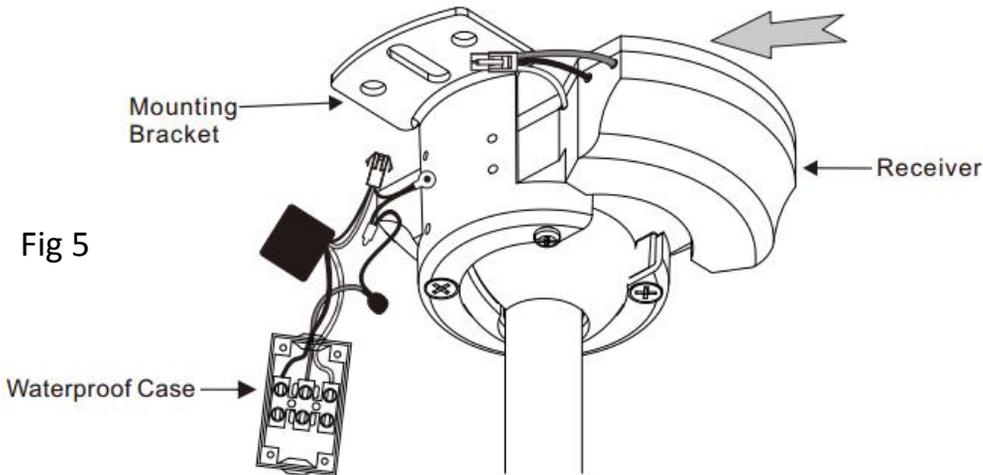
Connecting the DC Controller/Receiver

Lift the motor body to hang the ball into the mounting bracket. (Fig 4). Ensure groove in ball lines up with ridge in the mounting bracket.



Insert the receiver into the hanging bracket and push the connectors together to connect both the AC supply side (between terminal block and receiver) and the DC side (between receiver and motor) (Fig 5).

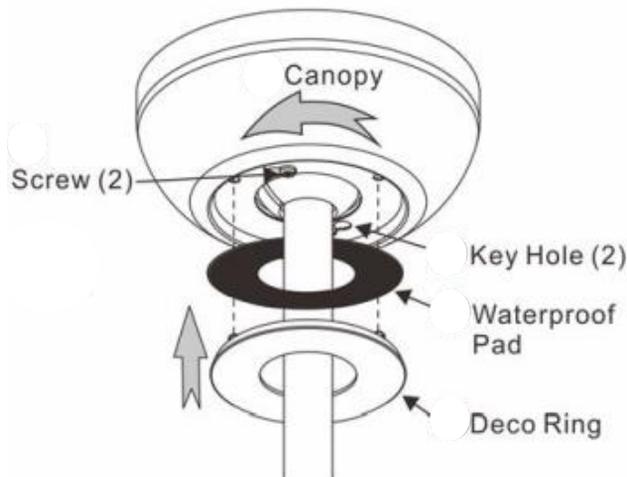
Tuck and tidy the wiring inside the motor canopy. It is recommended to install the Junction box on one side of the bracket and the filter on the opposite side.



Slide the canopy along the downrod and over the mounting bracket and secure it in place with the 2 mounting screws provided. (Fig 6).

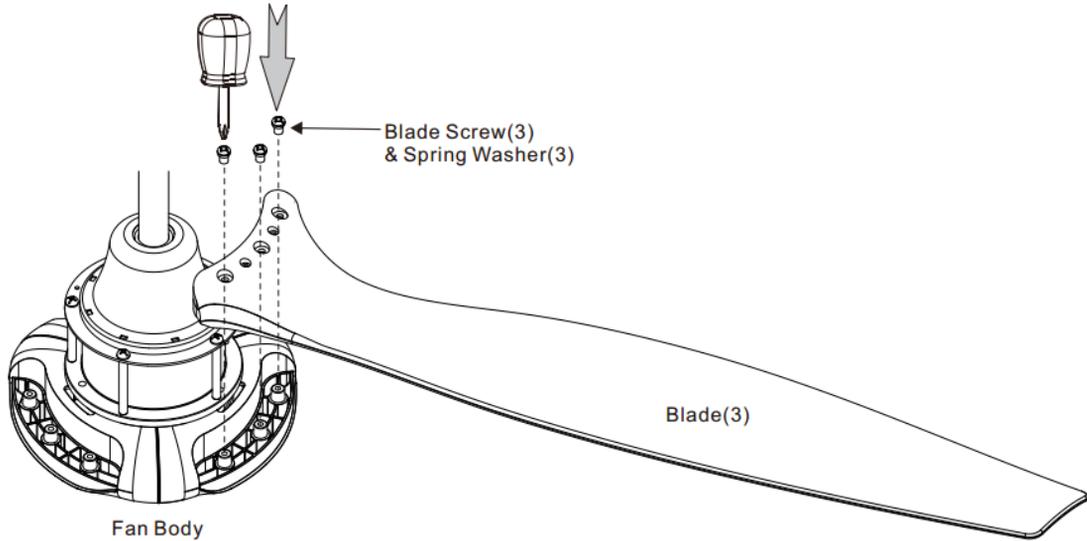
ENSURE THE RUBBER SEAL IS ON SECURE ON THE CANOPY AND HARD AGAINST THE CEILING TO MAINTAIN IP44.

Slide the deco ring up and press firmly to clip it into place and hide the screws (Fig 6).



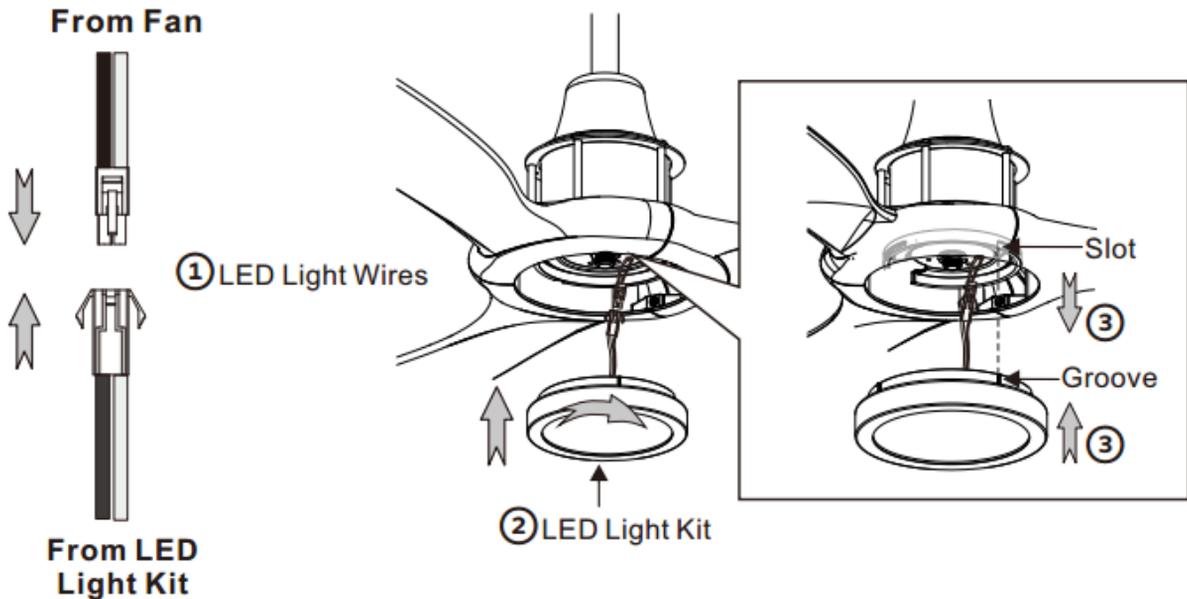
Assembling the blades

With the motor body in place the blades can now be assembled onto the motor. Place and align the blade end with the screw holes in the motor. Use the screws and washers provided to screw each blade to the motor body.



Installing the Optional Light Kit

Remove the bottom cover plate by twisting anticlockwise. Connect the plug from the light kit to the plug at the bottom of the fan. Push up the light kit, taking care not to squash the light kit cables and twist the light kit clockwise until it locks in place.



Remote Control Settings.

Note: your fan and remote come factory set and are ready to be operated immediately. If multiple fans are to be installed, each fan needs to be re-programmed. Follow these instructions below.

1) Remove battery cover.

2) FAN code setting:

There are 4 code switches for 16 possible code combinations just in case your house has other fans installed with the same codes. You may change your code switches by using a small screwdriver or ball point pen to slide each code switch up or down.

3) Install 12V 23AE battery x 1 pc (included).



4) Press the button “**SET**” for 3-5 seconds till the fan starts reverse operation (clockwise).

5) Install battery cover on transmitter.

6) The fan will spin around for a few minutes after setting. Once it stops it is ready to use.



Setting the Remote Controls for additional Ceiling Fans.

If another fan is required in the house and is to be controlled by a separate remote, then perform the following functions:

- A. Disconnect power to all other Ceiling Fans (for at least 1 minute).
- B. Change the code by adjusting the DIP switches in the battery compartment of the new remote control transmitter.
- C. Reconnect power to the new Ceiling Fan by reconnecting power connector and program the remote control within 15 seconds of power up.

Repeat above for all new Ceiling Fans.

Once finished, turn ON and connect power to all fans.

CARE & CLEANING:

Periodic cleaning of your ceiling fan is the only maintenance required.

Use a soft brush or lint free cloth to avoid scratching the finish. Please turn off electricity when you do so.

Do not use water when cleaning your ceiling fan. It could damage the motor or the wooden blades and create the possibility of an electrical shock.

The motor has a permanently lubricated ball bearing and as such, is maintenance free.

NOISE:

The manufacturer warranty covers actual faults that may develop, but NOT minor complaints, e.g. motor operation noise - ALL ELECTRIC MOTORS ARE AUDIBLE TO SOME EXTENT; this is more obvious when the fan is operating at low speeds.

WOBBLE:

Ceiling fans are designed to move during operation because they are not generally rigidly mounted

Movement of a couple of centimetres is acceptable for safe operation.

Balancing kits included could be used to adjust the balancing.

NORMAL WEAR AND TEAR:

Threaded components working slightly loose or blade carriers even slightly bent due to vigorous cleaning or bumping can cause extra wobble and noise. THIS IS NOT COVERED UNDER WARRANTY but a little care and maintenance can reduce or prevent this problem.

BALANCING:

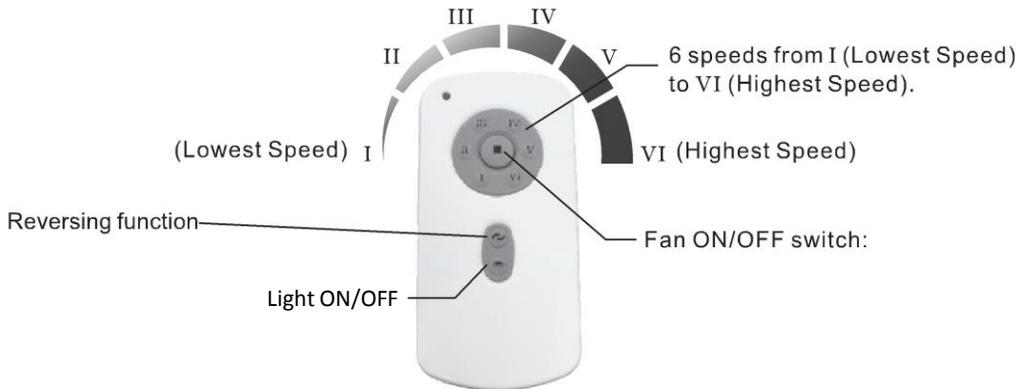
This fan includes a blade balancing kit. Upon initial installation, the balance kit should be used on the fan blades to reduce wobble.

The balance kit includes instructions on how to perform the balancing procedure.

Balancing the fan and reducing wobble will result in quieter operation and optimum performance.

Remote Control Operation.

Note: your fan and remote come factory set and are ready to be operated immediately.



Troubleshooting

PROBLEM	PROBABLE CAUSE	SUGGESTED REMEDY
Fan will not start	<ol style="list-style-type: none"> 1) Fuse or circuit breaker has blown 2) Loose plug connections to the fan. 3) Remote controller not programmed correctly. 	<ol style="list-style-type: none"> 1) Check mains power and reset breaker or replace fuse. 2) Check plug connections to fan. 3a) Reset remote control as per step 4-6. 3b) Install new batteries in remote control.
Fan wobbles	<ol style="list-style-type: none"> 1) Fan blades are not horizontal to the ceiling. 2) Blade screws are loose. 	<p>Retighten all screws on blades. DO NOT make any adjustments by applying pressure up or down on the blades.</p>
Fans sounds noisy	<ol style="list-style-type: none"> 1) Loose fan blades. 2) Ceiling fan not secure against the ceiling. 3) Rattling end plate. 	<ol style="list-style-type: none"> 1) Retighten all screws on blades. 2) Secure the fan to the ceiling. 3) Secure end plate or light kit.
No control over fan speed or direction	<ol style="list-style-type: none"> 1) Remote control battery flat. 2) Incorrect remote control. 3) Remote control not programmed to fan. 	<ol style="list-style-type: none"> 1) Replace battery. 2) Swap for correct remote. 3) Reprogram remote as per step 4-6.

Technical Data

CONCORDE II MODEL	RATED VOLTAGE	RATED DC MOTOR POWER	IP RATING	LIGHT KIT RATING	WEIGHT
20067	240VAC	35W	IP44	Max 12W	5.3kgs



Brilliant Fan Warranty

Please note, this warranty voids any other warranties supplied with this product and complies with the new consumer guarantee requirements.

WARRANTY:

The benefits conferred by this warranty are in addition to all implied warranties, other rights and remedies in respect of the product, which the consumer has under Australian Consumer Law.

The original purchaser of this Brilliant Ceiling Fan is provided with the following warranty subject to the following conditions.

Brilliant Lighting (Aust) Pty Ltd warrants this ceiling fans motor for a period of 5 years from the date of purchase, the first 2 years are covered by an in-home warranty. All parts deemed defective in workmanship or materials will be replaced free of charge.

This warranty is in addition to any other rights and remedies of the customer under any law. In applications not intended for household, personal or domestic use, liability is limited to replacement or reimbursement of product only.

The warranted use of fans outdoors are limited to Enclosed Alfresco like areas .

The warranty conditions for fans installed in Enclosed Alfresco areas are as follows:

Fan must be shielded from wind and heavy rain (enclosed area, min. 1.5m from edge of eave/roof).

The Warranty will not cover outdoor related issues such failure or damage caused by wind.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if goods fail to be of acceptable quality and the failure does not amount to a major failure.

Any claim under this warranty must be made within 5 years of the date of purchase of the product. To make a claim under the warranty, take the product (with proof of purchase – receipt or similar) to the store where you purchased the product or contact Brilliant Lighting at the address below.

This warranty is given by:

Brilliant Lighting (Aust) Pty. Ltd.

ABN 37 006 203 694

956 Stud Road Rowville, VIC 3178

Phone: 03 9765 2555

Email: info@brilliant-lighting.com.au

MADE IN TAIWAN