LUCCI
AIRFUSION FRASER
DC CEILING FAN

- INSTALLATION
- OPERATION
- MAINTENANCE
- WARRANTY INFORMATION

CAUTION

READ INSTRUCTIONS CAREFULLY FOR SAFE INSTALLATION AND FAN OPERATION.

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CONGRATULATIONS ON YOUR PURCHASE

Thank you for purchasing the latest in energy saving ceiling fans. This fan runs on DC (direct current) power which gives it the benefit of being super energy efficient whilst still maintaining high volume air-movement and silent operation.

Energy saving - The DC motor is the latest technology in fan design. Its highly efficient motor saves up to 65% more energy than ceiling fans with traditional AC motors.

Silent operation – This DC fan motor is programmed with a stabilised current which efficiently reduces motor noise.

Low operating temperature – The DC power is managed effectively which brings down the motor operating temperature to less than 50℃. This results in a much cooler motor than a standard AC fan and increases the longevity of the motor.

6 speed remote control - Regular AC ceiling fans usually come with only 3 speeds, this DC fan comes complete with a 6 speed remote, which gives a greater choice of comfort levels.

SAFETY PRECAUTIONS

1. In Europe: 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 the use of the appliance in a safe way and understand the hazards involved. Cleaning and maintenance shall not be undertaken by children without supervision.
2. In Australia: The appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning the use of the appliance by a person responsible for their safety.
3. Children should be supervised to ensure that they do not play with the appliance.
4. An all-pole disconnection switch must be incorporated into the fixed wiring, in accordance with local wiring rules.

IN AUSTRALIA

WARNING:

FOR SAFE USE OF THIS FAN AN ALL-POLE DISCONNECTION MUST BE INCORPORATED INTO THE FIXED WIRING IN ACCORDANCE WITH THE WIRING RULES.

As outline in clause 7.12.2 of AS/NZS 60335-1 for meeting the minimum electrical safety of this standard.

Please note warranty will be void if installation is without a means for an all-pole disconnection incorporated in the fixed wiring in accordance with the wiring rules.

This fan is suitable for indoor use only.

Example: If a fan is connected to a circuit that can be isolated via an all-pole safety switch at the switchboard, then this is considered to be an all-pole disconnection to the ceiling fan electrical circuit, meeting the requirements of clause 7.12.2 of AS/NZS 60335.1.

A single-pole switch on the active of the receiver input of remote control must also be included in the wiring, and located the same room as the ceiling fan.

5.  Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities. Contact your local government for information regarding the collection systems available. If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.
6. The structure to which the fan is to be mounted must be capable of supporting a weight of 30kg.
7. The fan should be mounted so that the blades are at least 2.3 m above the floor in Europe or 2.1 m above the floor in Australia.
8. This fan is designed for indoor use only. Mounting the fan in a location where it is subject to water or moisture is dangerous and will void the warranty.
9. Only a licensed electrician should execute the installation.

This fan is suitable for indoor use only.

PARTS LIST

Unpack your ceiling fan carefully. Remove all parts and hardware. Place the fan motor on a cloth or soft surface to avoid damaging the finish.

- Do not lay the motor housing on its side – the decorative housing may become bent or damaged.
- Verify that all parts are present before starting assembly.
- Check the packaging carefully for missing parts.

Examine all parts. You should have the following:

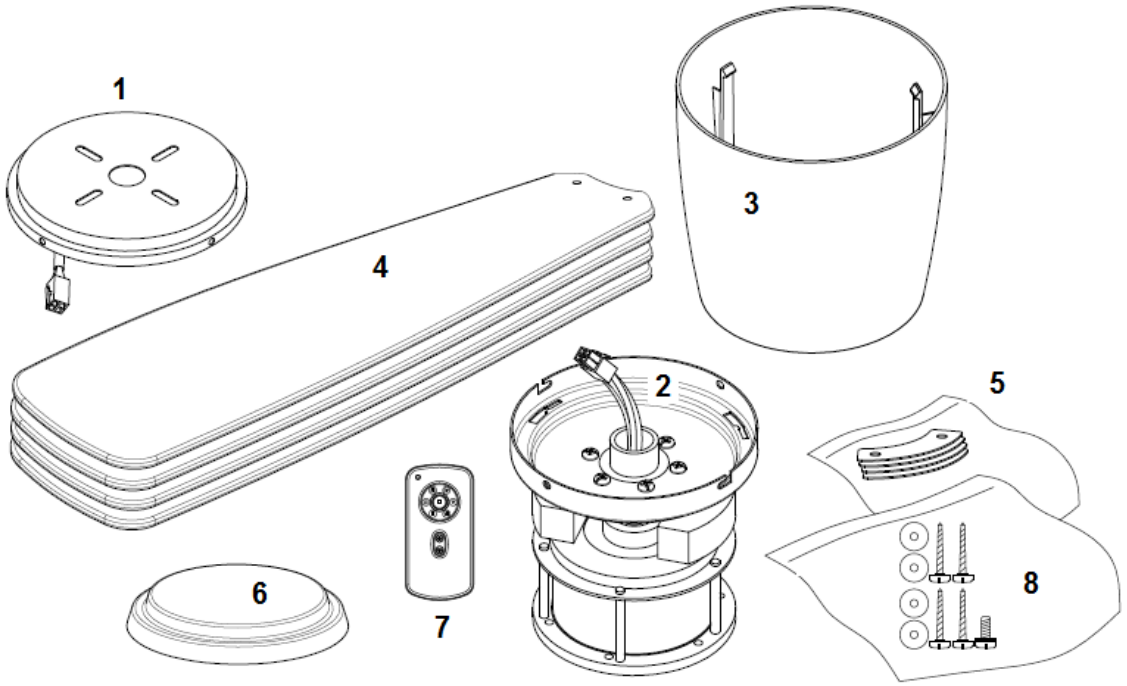

Fig. 1

1	Mounting bracket x 1	7	Remote transmitter with holder x 1 set
2	Fan assembly with hanging plate, receiver and motor x 1	8	Screw bag: Extra motor screw x 1 Flat washer x 4 Wooden screw x 4
3	Motor housing x 1		
4	Blade x 4	9	Screw for remote holder x 2 (not shown)
5	Blade bracket kit x 4	10	12V Battery for remote x 1 (not shown)
6	Bottom cover x 1		

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INSTALLING THE FAN

TOOLS REQUIRED:

- Phillips / flat head screwdriver
- Pair of pliers
- Adjustable spanner
- Step ladder
- Wire cutter
- Wiring, supply cable as required by local provincial and national wiring codes and regulations.

INSTALLING THE MOUNTING BRACKET

The ceiling fan must be installed in a location so that the blades are spaced 300mm from the tip of the blade to the nearest objects or walls.
Secure the hanging bracket to the ceiling joist or structure that is capable of carrying a load of at least 30kg, with two long screws provided. Ensure at least 30mm of the screw is threaded into the support.

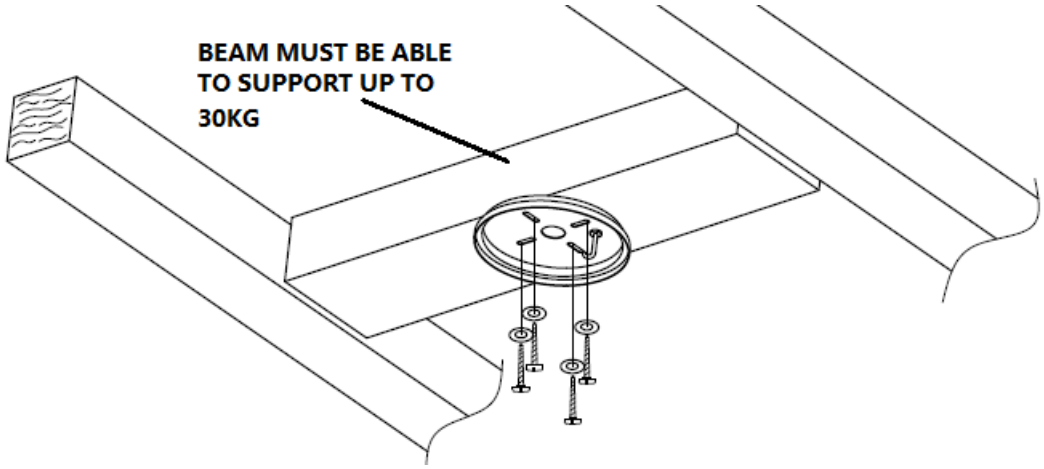

Fig. 2

NOTE: The bracket screws provided are for use with wooden structures only. For structures other than wood, the appropriate screw type MUST be used.

ANGLED CEILING INSTALLATION

This fan hanging system **DOES NOT** support a degree angled ceiling installation.

This fan is suitable for indoor use only.

HANGING THE FAN MOTOR ASSEMBLY

- Lift the fan assembly to the mounting bracket (1) and let the J-hook of the mounting bracket (4) go through the hole of the hanging plate and hang up the fan assembly (3). Fig. 3
- Connect the male and female connector together (2). Fig. 3
- Complete the electrical wiring using the diagram below (Figure. 4).

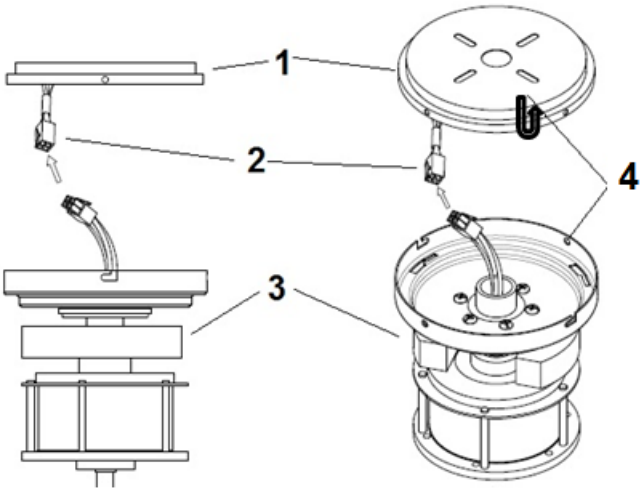

Fig. 3

PREPARE AND COMPLETE THE ELECTRICAL WIRING --- WIRING DIAGRAM (Fig. 4)

WARNING: FOR YOUR SAFETY, ALL ELECTRICAL CONNECTIONS MUST BE UNDERTAKEN BY A LICENSED ELECTRICIAN.

NOTE: AN ADDITIONAL ALL POLE DISCONNECTION SWITCH MUST BE INCLUDED IN THE FIXED WIRING.

NOTE: IF THERE ARE TWO OR MORE DC CEILING FANS INSTALLED IN THE ONE LOCATION, A SINGLE-POLE SWITCH IS REQUIRED FOR EACH CEILING FAN. THIS IS REQUIRED WHEN PROGRAMMING THE REMOTE AND RECEIVER TO PAIR TOGETHER.

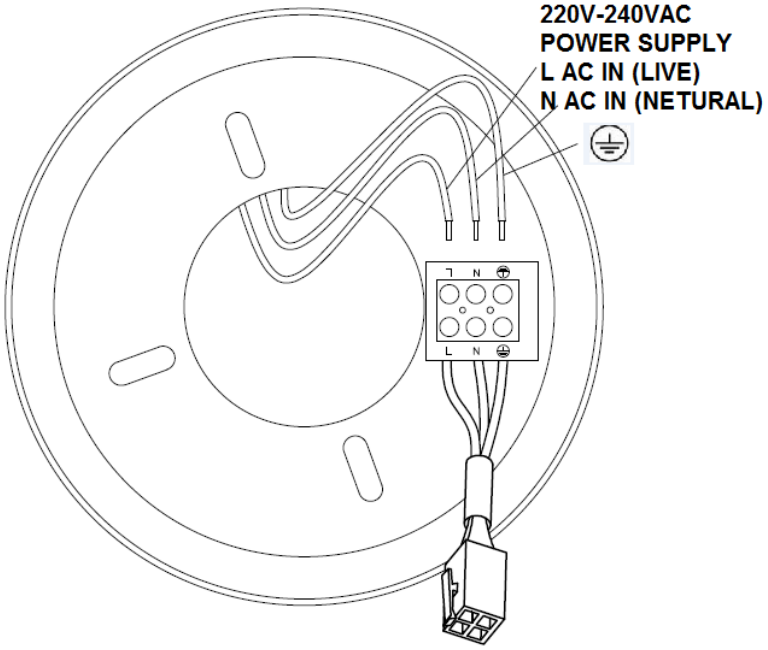

Fig. 4

This fan is suitable for indoor use only.

INSTALL THE CANOPY COVER

- Loosen 2 screws (2) from the mounting bracket. Fig. 5
- Loosen 2 screws (1) by half thread from the mounting bracket. Fig. 5
- Lift the hanging plate of the fan assembly up to the mounting bracket and let the L-shape slot on the hanging plate go through the screws (1) on the mounting bracket. Turn the hanging plate until it locks in place at the end section of the L-shape slot and secure it by tightening the two screws (2). Avoid damaging the electrical wiring prepared previously.
- Finally attach the motor housing to the hanging plate and secure it by pushing the hooks (3) into the slot holes and turn it anti clockwise.

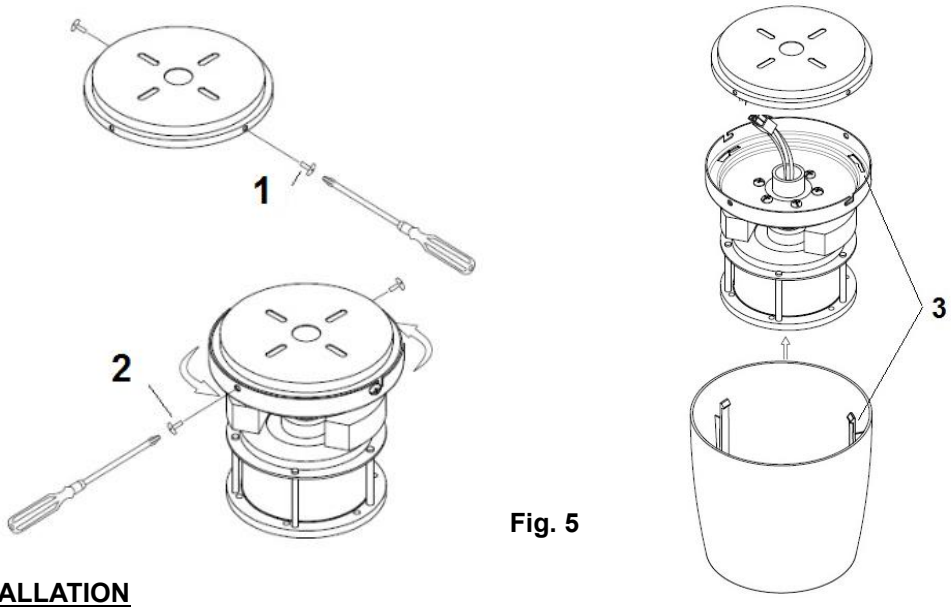

Fig. 5

BLADE INSTALLATION

- Insert the blade screws through the blade assembly in the following order - bracket kit (2) and blade (1). Attach the blade assembly to the motor and secure it by tightening the 2 screws (3). Fig. 6
- Repeat to install the other blades.
- Finally install the bottom cover (4) to the shaft of the motor by rotating it clockwise.

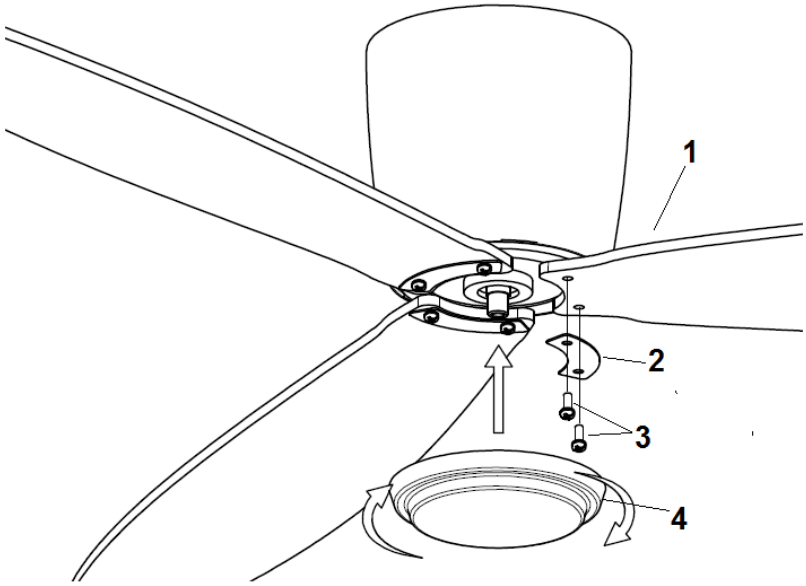

Fig. 6

This fan is suitable for indoor use only.

LIGHT KIT Installation (Light kit - optional)

NOTE: The light kit must be installed by a licensed electrician.

NOTE: The light kit is available for selected ceiling fan models and as an optional light kit.

1. Remove the bottom cover from the shaft.
2. Remove the shinkable tube from the light wires connector.
3. For light kit installation, please refer to the light kit installation user guide.

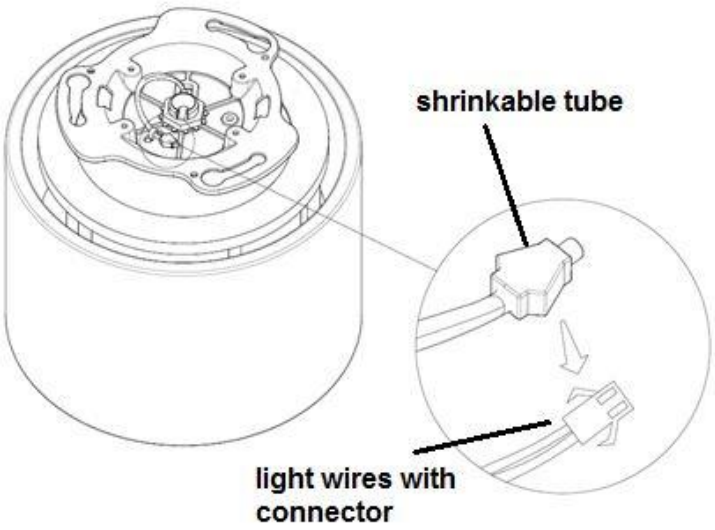

Fig. 7

USING YOUR CEILING FAN

Pairing Transmitter and Receiver – when 2 or more DC ceiling fans are installed in one location

When two or more ceiling fans are located near each other, you may desire to have the receiver/transmitter for each fan set to a different code so that the operation of one fan does not affect the operation of the other fan/s.

The DIP switches for the transmitter (remote hand piece) are located in the battery compartment of the transmitter. Configuring the DIP switches will allow a unique transmission code assigned to each ceiling fan.

NOTE: Ensure that you have installed a single - pole disconnection switch in the fixed wiring for each fan, when using DIP code function.

NOTE: Ensure power to the Receiver is **ON** prior to pairing the transmitter with the receiver.

Transmitter/Receiver pairing for ceiling fan 1:

- Turn off the mains supply to the receives of both ceiling fans 1 and 2.
- Slide the cover of the battery compartment of the transmitter to access the DIP switches. This will be transmitter 1.
- Change the position of the DIP switches in the remote transmitter 1, so that it will be different to transmitter 2. Fig. 8
- Install the 12V DC battery in the compartment. Please make sure the polarity of the battery is correct.
- Turn on the power to receiver 1. Keep the power OFF to receiver 2. (Each ceiling fan must have its own isolation switch, so that only the ceiling fan that needs to be paired with the transmitter will be ON).
- Press and hold the SET button of **transmitter 1** for 8-10 seconds within 60 seconds of switching the power to the receiver of ceiling fan 1.

  If the fan has light kit attached, the light will flash on and off to indicate the paring process activated.

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The fan operates at highest speed in REVERSE mode automatically for approximately 2 minutes and then operates in FORWARD mode for approximately 2 minutes. During the paring process, **DO NOT TOUCH THE REMOTE FOR 4-5 MINUTES.**

- Now the transmitter should be paired with the receiver of ceiling fan 1. Turn ON/OFF or change the speed of ceiling fan 1 by the transmitter to check the operation.

Setting DC Ceiling fan 2:

- Turn off the mains supply to the receivers of both ceiling fans 1 and 2.
- Slide the cover of the battery compartment of the transmitter to access the DIP switches. This will be transmitter 2.
- Change the position of the DIP switches in the remote transmitter 2, so that it will be different to transmitter 1. Fig. 8
- Install the 12V DC battery in the compartment. Please make sure the polarity of the battery is correct.
- Turn on the power to receiver 2. Keep the power OFF to receiver 1. (Each ceiling fan must have its own isolation switch, so that only the ceiling fan that needs to be paired with the transmitter will be ON).
- Press and hold the SET button of **transmitter 2** for 8-10 seconds within 60 seconds of switching the power to the receiver of ceiling fan 2.

  If the fan has light kit attached, the light will flash on and off to indicate the paring process activated.

  The fan operates at highest speed in REVERSE mode automatically for approximately 2 minutes and then operates in FORWARD mode for approximately 2 minutes. During the paring process, **DO NOT TOUCH THE REMOTE FOR 4-5 MINUTES.**
- Now the transmitter should be paired with the receiver of ceiling fan 2. Turn ON/OFF or change the speed of the ceiling fan 2 by the transmitter to check operation.

Note: The pairing of Transmitter and Receiver is not required if only one ceiling fan is installed. When more than two ceiling fans are installed near each other, please refer to the instruction above.

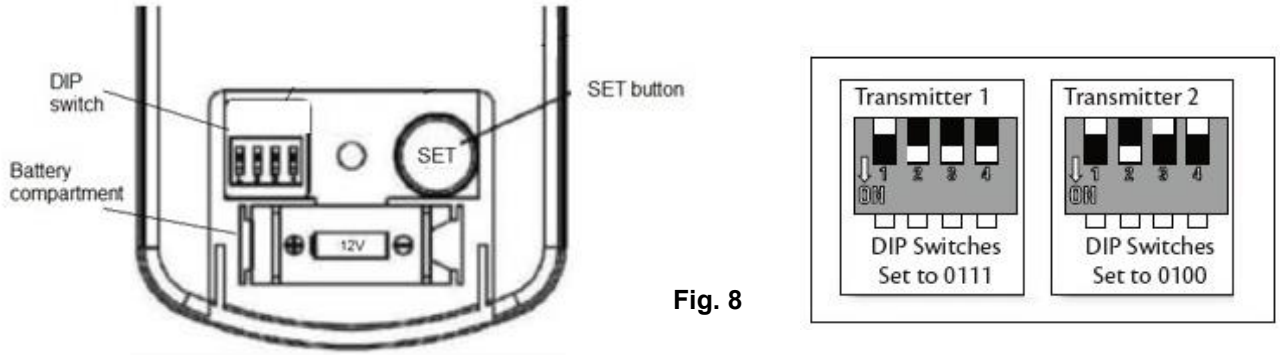
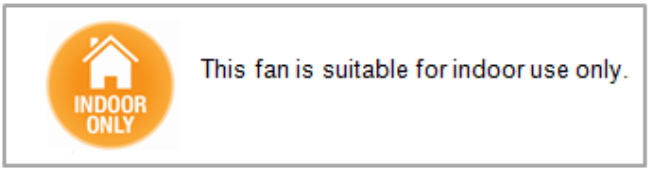


Fig. 8



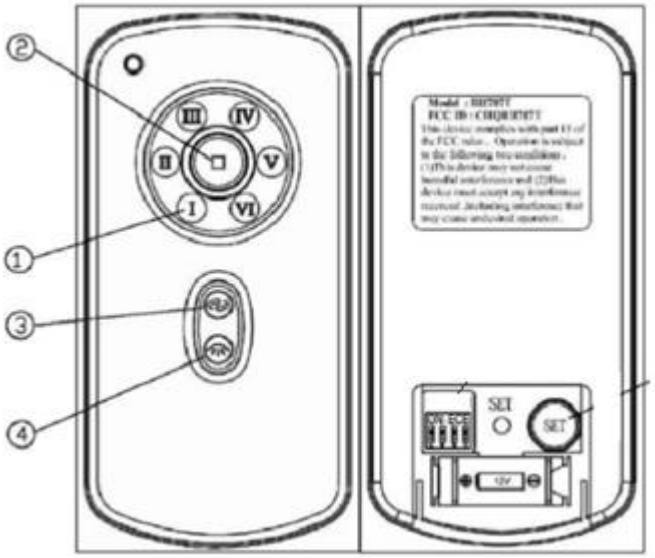
Remote Control Buttons

①- FAN SPEED CONTROL BUTTON:

There are 6 available speeds. ① button is for the lowest speed, and Ⅵ button is for the fastest speed.

NOTE: when you turn on the fan for the first time or switch the main power to the controller, you need to start the fan on hight "Ⅵ" speed first and then choose a lower speed. A 5-10 seconds is required to allow the DC fan to respond to the remote each speed or fan direction seletions, as DC fans incorporate a sensor control which controls the power to the motor.

Fig. 9



②- FAN OFF BUTTON:

Press the button to turn the fan off.

③- REVERSE FUNCTION BUTTON:

Press the button to activate the reverse running function. The fan must be operating to activate the reverse function.

④- LIGHT CONTROL BUTTON:

Press the button to turn on/off the light.

THE RECEIVER PROVIDES THE FOLLOWING LEVEL OF PROTECTION:

- Lock position: the receiver has a built in safety feature to protect against obstruction during operation. The motor will be locked from operation and will disconnect from power after 30 seconds of interruption. Please remove obstacles before re-starting. To reset, simply turn off the power supply to the fan motor and re-start.
- Over 80W protection: when the receiver detects power consumption which is greater than 80W, the receiver power will be stopped and operation will immediately discontinue. Turn the receiver power on after 5 seconds to restart the fan.

REPAIRING THE FAN RECEIVER & REMOTE PAIRING

Should the remote and receiver lose control after installation or during use, the pairing of the remote and the receiver must be repaired. Below are the operating symptoms and method to repair the pairing of the DC ceiling fan remote and receiver.

Issues:

- Loss of control - Fan is only running at high speed after installation
- Loss of control - No reverse function after installation
- Loss of control - Remote cannot communicate with receiver

Solution:

If the fan runs at the highest speed continuously, it means the wiring of the installation is correct. When the fan operates on high speed only or fails to operate in reverse function or any other command/s, it is recommended to repair the

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communication pairing of the remote and receiver. Please follow the steps below:

A. Remove the battery cover of the remote, check the 434 MHz sticker area, make sure the battery is installed correctly and the red LED light indicator will be flashing, it means the remote function is okay.

B. Turn off the main supply to receiver more than 30 seconds and turn on the main supply to receiver again. Press and hold the SET button of remote for 8-10 seconds within 60 seconds of turning the power to the receiver. The fan operates at highest speed in REVERSE mode automatically for approximately 2 minutes and then operates in FORWARD mode for approximately 2 minutes. During the paring process, **DO NOT TOUCH THE REMOTE FOR 4-5 MINUTES.**

C. Press the buttons on the remote to run the fan. In general, performing point A, B, and C should repair the remote and receiver, and will allow full control of the fan. If not, please do the next step.

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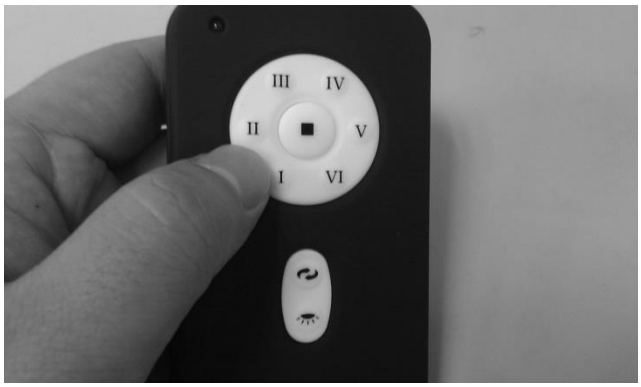

D. Re-configure the factory default DIP switches setting in the remote so that the receiver and remote (transmitter) communication is on a different channel. The four DIP switches can be set in any (up or down) resting position with an aid of a pen tip or small screw driver as shown below.

E. Please repeat the (A)-(C) steps to check the function.

F. If the issues still persist after following point (A) to (D) and there is still no control, then please contact the local retailer for a new remote or transmitter.

NOTE: For your safety, a new receiver must be installed by a licensed electrician.

NOTE: While repairing the DC ceiling fan remote and receiver is in progress, the fan automatically operates at highest speed in REVERSE mode for approximately 2 minutes and then operates in FORWARD mode for another 2 minutes. During the paring process, do not press any button on the remote.

AFTER INSTALLATION

WOBBLE:

NOTE: ceiling fans tend to move during operation due to the fact that they are mounted on a rubber grommet. If the fan was mounted rigidly to the ceiling it would cause excessive vibration. Movement of a few centimeters is quite acceptable and DOES NOT suggest any problem.

TO REDUCE THE FAN WOBBLE:

Please check that all screws which fix the mounting bracket and down rod are secure.

NOTE: This fan has been precision balanced at the factory and will not need to be balanced again.

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NOISE:

When it is quiet (especially at night) you may hear occasional small noises. Slight power fluctuations and frequency signals superimposed in the electricity for off-peak hot water control, may cause a change in fan motor noise. This is normal. Please allow a 24-hour “breaking-in” period, most noises associated with a new fan disappear during this time. Please note that this is not a product fault, and as such is not coverd under warranty. All electric motors are audible to some extent.

CARE AND CLEANING:

- Periodic cleaning of your ceiling fan is the only maintenance required. Use a soft brush or lint free cloth to avoid scratching the paint finish. Please turn off electricity power when you do so.
- Do not use water when cleaning your ceiling fan. It could damage the motor or the blades and create the possibility of an electrical shock.
- The motor has a permanently lubricated ball bearing so there is no need to oil.

NOTE: Always turn OFF the power at the mains switch before attempting to clean your fan.

TECHNICAL INFORMATION

FAN models	Rated Voltage	Rated power (motor)	Battery for remote
Fraser 52” Fan	220-240VAC	35W	1 x 12V 23AE

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LUCCI CEILING FAN WARRANTY DETAIL

LUCCI WARRANTY HOTLINE- 1800 602 243

THIS WARRANTY IS VALID IN AUSTRALIA ONLY

In the event of service being required, please call the Lucci Fan Warranty Hotline on 1800 602 243 between 9am & 5pm (EST) Monday to Friday. Please make sure you have all the ceiling fan details filled out at the end of the manual before making the call.

Every Lucci ceiling fan is thoroughly inspected and tested before being released for sale. In addition to any warranty rights or conditions under statutory regulations, Lucci warrants all of its ceiling fans against defective workmanship and faulty materials for twenty four (24) months from the date of purchase. Lucci undertakes, at its option, to repair or replace, free of charge, each product or part thereof on condition that;

1. The fan or relevant part has not been subjected to misuse, neglect, or been involved in an accident.
2. The repairs are not required as a result of normal wear and tear.
3. The product was installed by a licensed electrical contractor.
4. A copy of the original receipt of purchase is presented.
5. 12 month warranty applies when used in any non-domestic applications.
6. This warranty does not cover stains, scratch and scuff marks, or dents if the product is purchased through a factory outlet or to refurbished items.

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 the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Lucci Design cannot be held responsible for any repair other than those carried out by it or one of its Authorised Service Agents. Please keep this warranty information in a safe place. This information must be produced in the event of service being required.

Distributed by:

Beacon Lighting
140 Fulton Drive
Derrimut, Victoria, 3030
Australia
Ph +613 9368 1000
Fax +613 9360 9332
Email: warranty@beaconlighting.com.au

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CEILING FAN WARRANTY INFORMATION

LUCCI WARRANTY HOTLINE- 1800 602 243

Complete and retain this form for your personal records and warranty purposes.

NAME……..…

ADDRESS……..……

……POSTCODE……

MODEL NUMBER……..…

(PO# + DATECODE Sticker here)

PO NUMBER or DATECODE …….

DATE OF PURCHASE……..…

INSTALLING LICENSED ELECTRICAN……..…

……..……

LICENCE No……..……

ATTACH PROOF OF PURCHASE HERE

This fan is suitable for indoor use only.