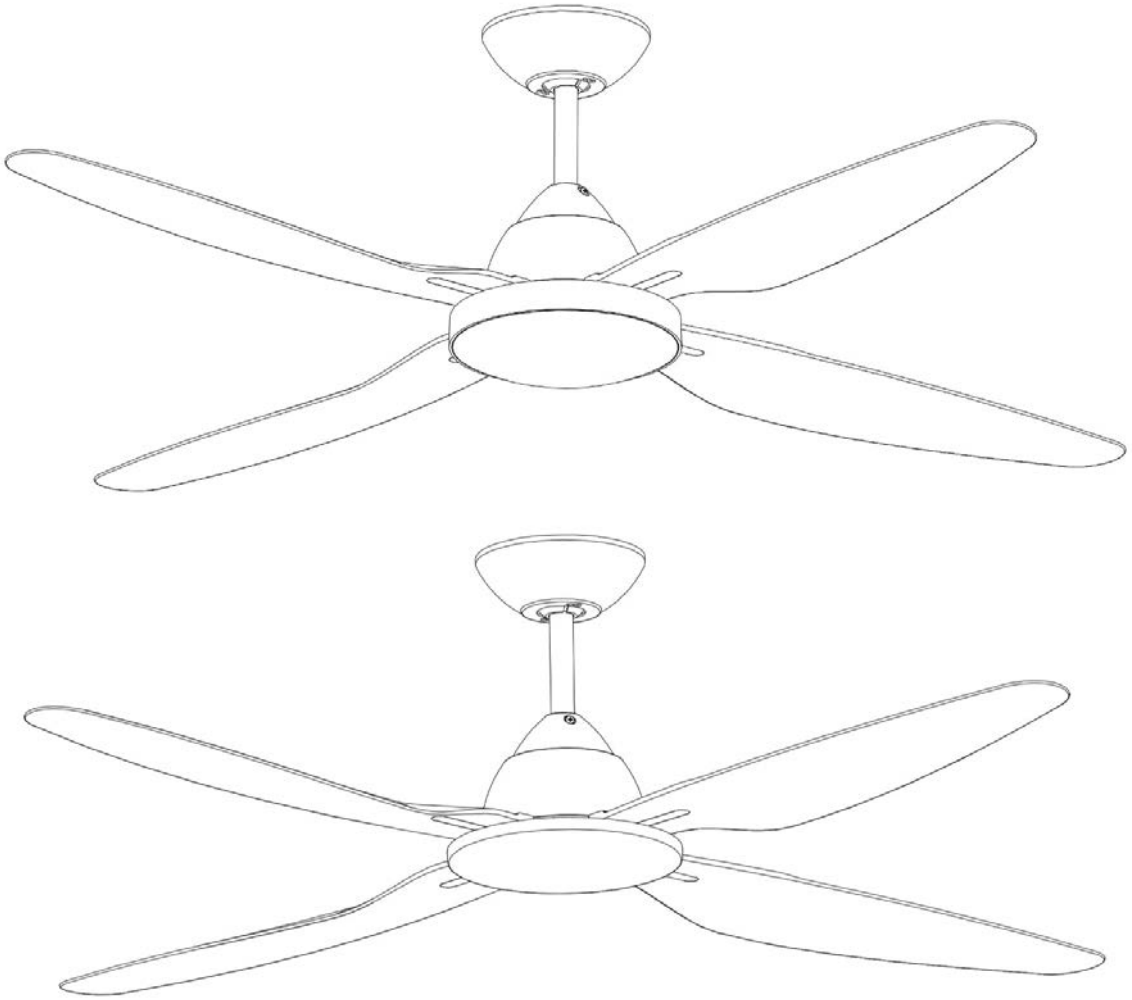
INSTRUCTION MANUAL

DEKA™
Innovate The Future



(Fan pictured is for illustration purposes only.
Styles may vary according to the specific models.)

Ceiling Fan Installation Manual, Rev 1.1

DC MOTOR

RONDO series

Models: RONDO52XX; RONDO52LEDXX; RONDO58XX; RONDO58LEDXX

CAUTION
Read Instructions carefully for safe installation and fan operation

- **INSTALLATION**
- **OPERATION**
- **MAINTENANCE**
- **WARRANTY INFORMATION**

DIY **MUST BE INSTALLED BY A LICENSED ELECTRICIAN**

Thank you for purchasing this quality Deka ceiling fan. To ensure correct function and safety, please read all instructions before using the product and keep all instructions for future reference.

DEKA™
Innovate The Future

SAFETY PRECAUTIONS

1. 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.
2. Children should be supervised to ensure that they do not play with the appliance.
3. An all-pole disconnection switch must be incorporated into the fixed wiring, in accordance with local wiring rules.

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 outlined 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 an all-pole disconnection incorporated in the fixed wiring in accordance with the wiring rules. 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.

As this DC FAN is supplied with a remote control, a single-pole switch on the active of the receiver input of remote control must also be included in the wiring, and located in the same room as the ceiling fan.

4. 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 ground water and get into the food chain, damaging your health and well-being.
5. The structure to which the fan is to be mounted must be capable of supporting a weight of 30kg.
6. The fan should be mounted so that the blades are at least 2.1 m above the floor in Australia.
7. This fan is suitable for indoor and covered outdoor areas where the fan is fully undercover.
8. Only a licensed electrician/contractor should perform installation of this product.
9. **WARNING:** If unusual wobbling or oscillating movement is observed, immediately stop using the ceiling fan and refer the warranty information and contact details on page 13 of this document.
10. The replacement of any parts should be performed by our service agent, an appointed qualified electrician or suitably qualified person.
11. The fixing means for attachment of the ceiling mounting bracket (supplied) shall be fixed with a sufficient strength to withstand 4 times the weight of the ceiling fan.

BEFORE INSTALLATION

DEKA™
Innovate The Future

Unpack the fan and carefully identify the parts. Please refer to Fig 1.

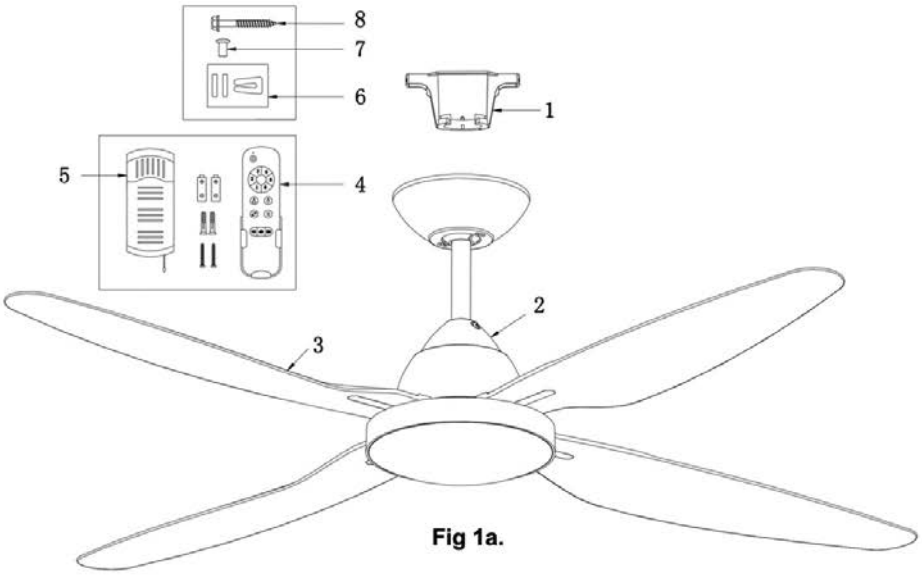


Fig 1a.

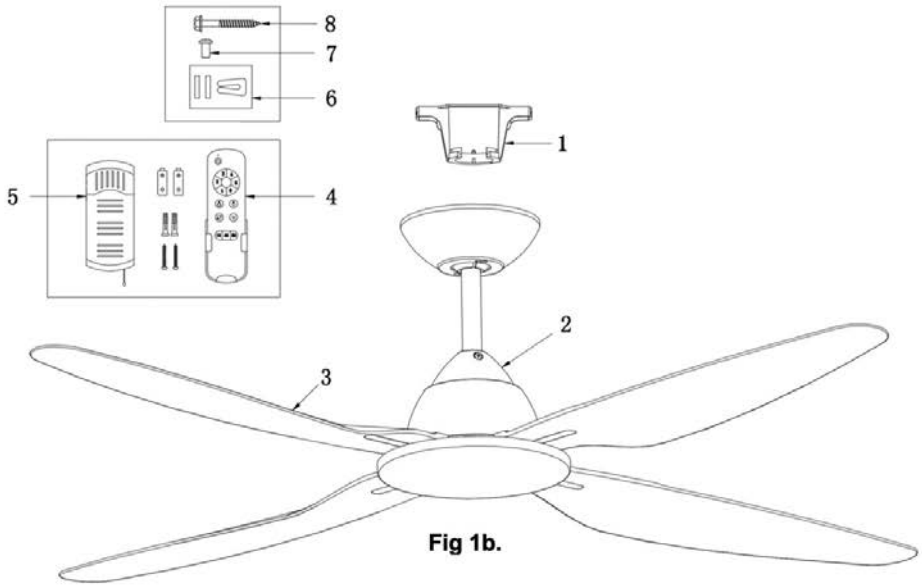


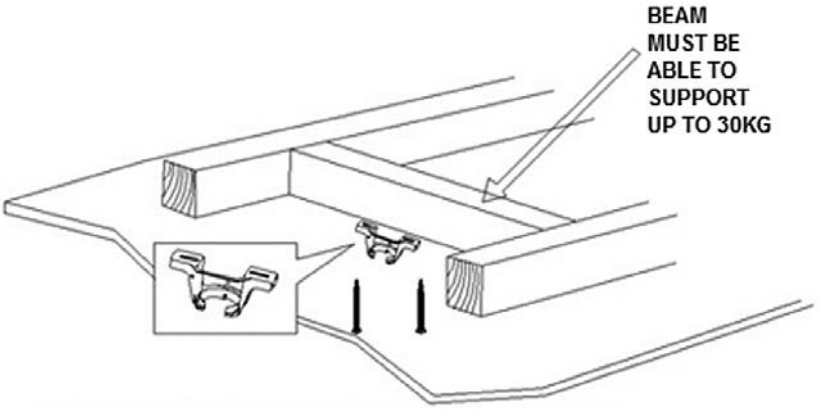
Fig 1b.

FAN WITH LED LIGHT (Fig 1a.)		**FAN WITHOUT LIGHT (Fig 1b.)**	
1.	Mounting bracket x 1	1.	Mounting bracket x 1
2.	Fan assembly with motor, down rod, canopy and light kit x 1	2.	Fan assembly with motor, down rod, canopy and bottom cover x 1
3.	Blades x 4	3.	Blades x 4
4.	Remote x 1	4.	Remote x 1
5.	Receiver x 1	5.	Receiver x 1
6.	Balancing kit x 1 set	6.	Balancing kit x 1 set
7.	Blade screws x 8 (and one spare)	7.	Blade screws x 8 (and one spare)
8.	Mounting bracket screws x 2 (timber use only)	8.	Mounting bracket screws x 2 (timber use only)

INSTALLING THE MOUNTING BRACKET

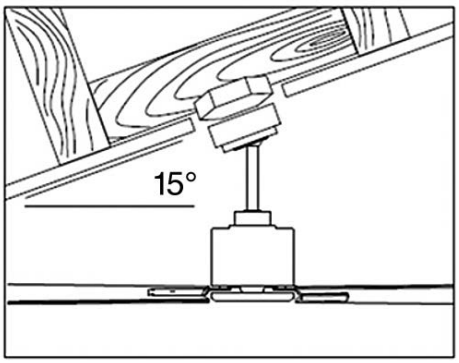
DEKA™
Innovate The Future

- The ceiling fan must be installed in a location so that the blades are a minimum 300mm spacing from the tip of the blade to the nearest objects or walls (including bulkheads and beams).
- Secure the hanging bracket to the ceiling joist or structure that is capable of carrying a load of at least 30kg, with the two long screws provided (timber use only). Ensure at least 30mm of the screw is threaded into the support.



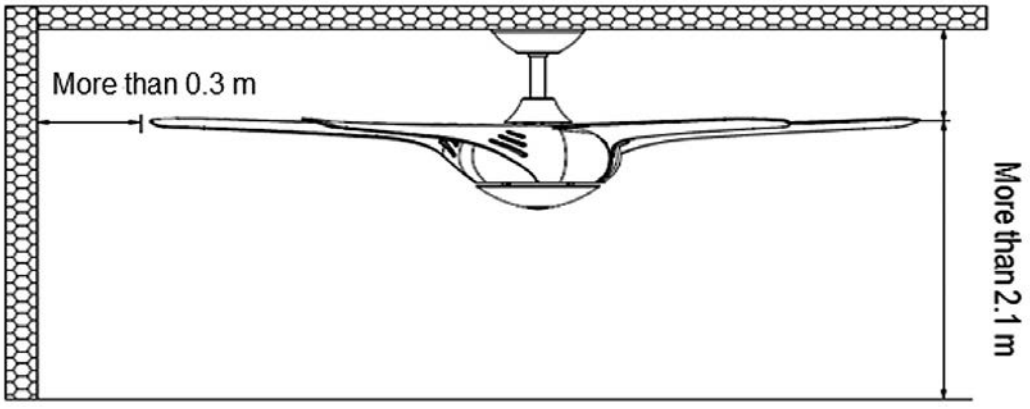
NOTE: THIS PICTURE IS FOR REPRESENTATION ONLY AND DOES NOT REPRESENT THE ACTUAL BRACKET

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 supports a maximum 15 degree angled ceiling installation.

Warning: Ceiling fan must be mounted so that blades are 2.1m from the floor and 300mm from the wall and other obstructions to the blade tip.

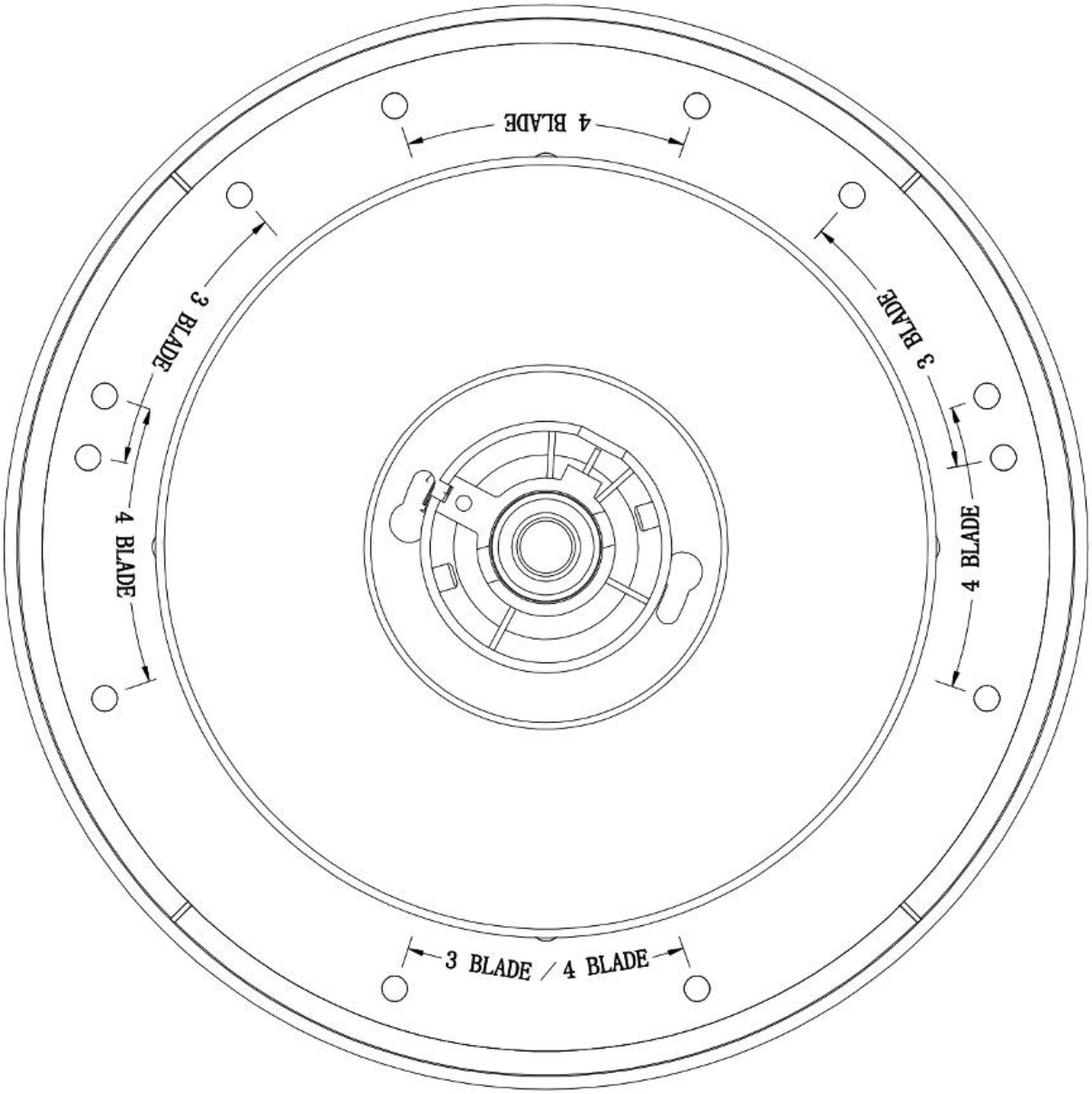


BLADE INSTALLATION

DEKA™
Innovate The Future

There are two blade installation options, allowing you the choice of either a 3 or 4 bladed ceiling fan. Before installing the blades, select the one which is most suitable for you.

3 blades: use the 3 blade screw mounting holes following the label instruction guide on the ceiling fan motor.
4 blades: use the 4 blade screw mounting holes following the label instruction guide on the ceiling fan motor.



BLADE ATTACHMENT

DEKA™
Innovate The Future

Secure the blade on the fan by using 2 blade screws (Fig 2.). For each blade, insert one blade mounting screw through the blade, and attach lightly to the fan. Insert the second blade mounting screw, and then securely tighten both mounting screws. Repeat for all blades. **Do not use power tools as this can cause damage to the screws and/or thread in the motor.**

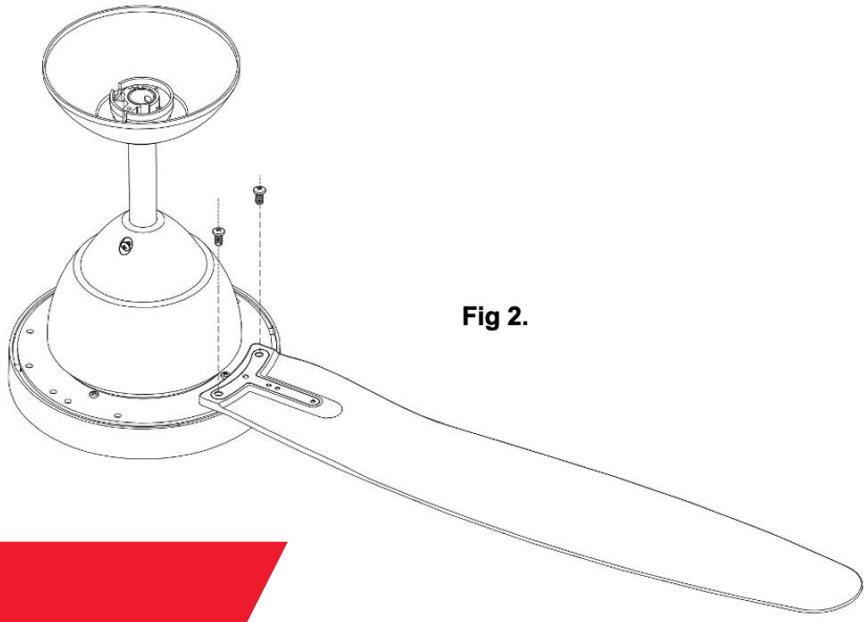
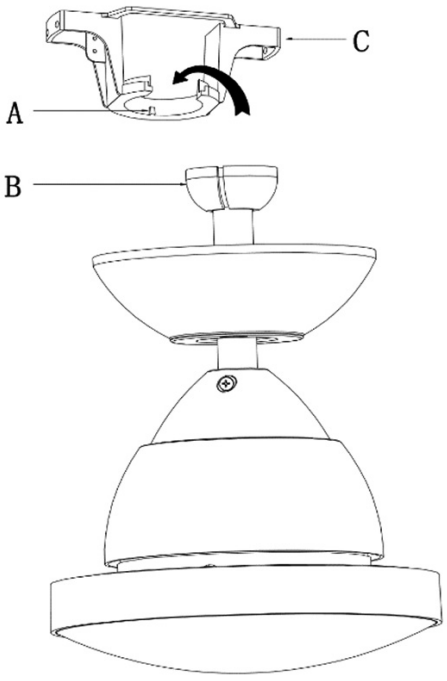


Fig 2.

HANGING THE FAN

Lift the fan assembly onto the mounting bracket. Ensure the registration slot (B) of the hanger ball is positioned on the stopper (A) of the mounting bracket (C) to prevent the fan from rotating when in operation.



ELECTRICAL WIRING DIAGRAM

DEKA™
Innovate The Future

WARNING: For your safety all electrical connections must be undertaken by a licensed electrician.

NOTE: An additional all pole disconnection must be incorporated in the fixed wiring in accordance with the wiring rules.

NOTE: If there are two or more DC ceiling fans installed in the one location, an isolation switch is required for each ceiling fan. This is required when programming the remote and receiver to pair correctly together.

NOTE: Wiring diagram includes the light kit wiring. The light wiring diagram and switch is omitted when no light kit is used with the ceiling fan.

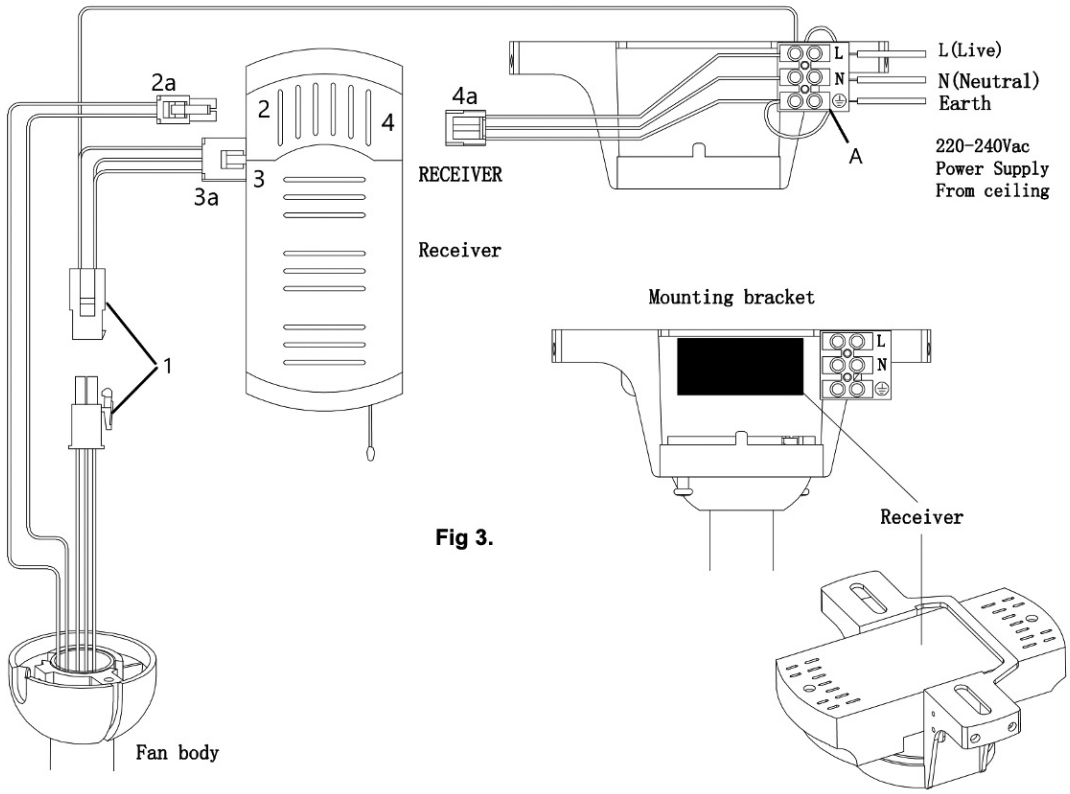


Fig 3.

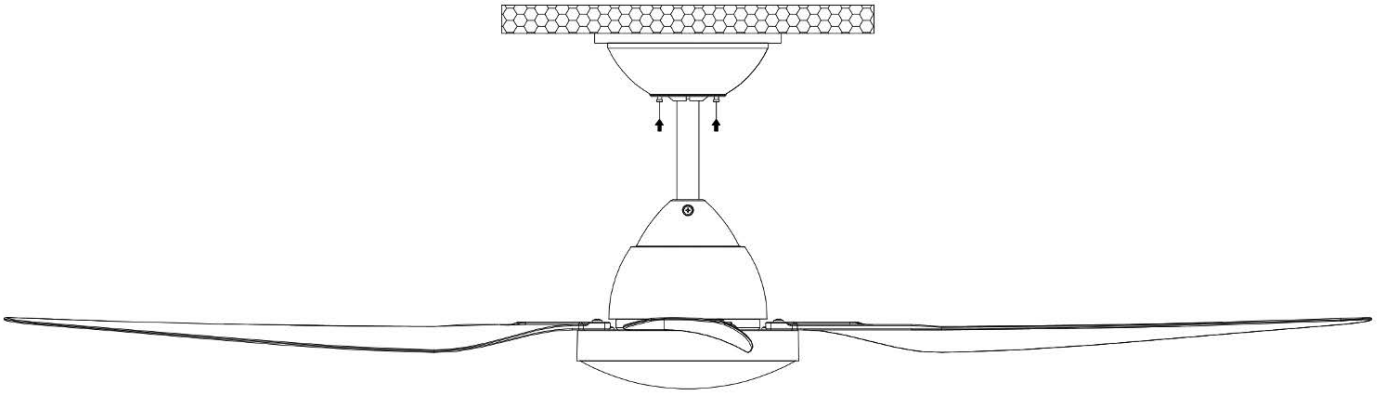
WIRING REQUIREMENT: (Fig 3.)

- Connect the mains power supply to the terminal block (A). Live to “L” terminal. Neutral to “N” terminal. Earth to “⏚” terminal. Ensure the wires are secure and no bare wires are exposed.
- Insert the DC motor receiver into the mounting bracket.
- Insert the 3-port fixed wire quick connector (4a) to the receiver power input socket (4).
- Insert the DC motor receiver output wire connector (3a) to the receiver power output socket (3).
- Join the receiver output wire (1) and the motor power input (1) wire together via the 4-port quick connectors.
- For Fans with Light Kit:
  Insert the LED driver power input wire connector (2a) to the receiver light output socket (2).
  For fan models without light, ignore this LED driver power input wire (2a) connection.

FINISHING THE INSTALLATION

DEKA™
Innovate The Future

- After completing the electrical connection at the mounting bracket terminal block, cover the mounting bracket with the ceiling canopy. Ensure all electrical wiring is tucked inside the canopy and that the wires are not damaged during this step. Secure the canopy to the hanger bracket using the screws provided. Do not overtighten the screws as this will misalign the canopy potentially causing unwanted noises. For best results, leave screws 4-5mm from mounting bracket and position canopy into the key lock slot.



USING YOUR CEILING FAN

BATTERY INSTALLATION

2 x AAA 1.5V batteries are required to operate the remote control.

Loosen the screw from the battery cover.

Pull out the battery cover and install the batteries.

Ensure the polarity is correct as shown in the battery compartment.

Please remove the batteries if you intend not using the ceiling fan for any long periods of time.

OPERATING THE REMOTE

Before you start using the remote, take the time to read through this section and get familiar with the buttons and function of each button.

NOTE: When you turn on the fan for the first time or switch the main power to the controller on, you need to start the fan on high speed “6” first and then choose a lower speed. A 5-10 second delay is common to allow the DC fan to respond to the remote for each change of speed.

NOTE: When you change the fan running direction, a 30-40 second delay is common to allow the DC fan to slow down and then respond to the remote.

NOTE: The remote and receiver have already been paired during manufacturing. When the ceiling fan is installed for the first time, pairing of the remote and receiver is NOT required.

REMOTE FUNCTION

DEKA™
Innovate The Future

① Fan ON/OFF button
- Press the button to turn the fan on/off.
- Press and hold the button for 5 seconds within 30 seconds of switching the power to the receiver for pairing the transmitter and receiver.

② Fan speed control button
Press the speed buttons from 6 to 1, the fan will run from Extra-high speed (6) to Extra-low speed (1).

③ No function

④ Turn ON the light button (if with light model)

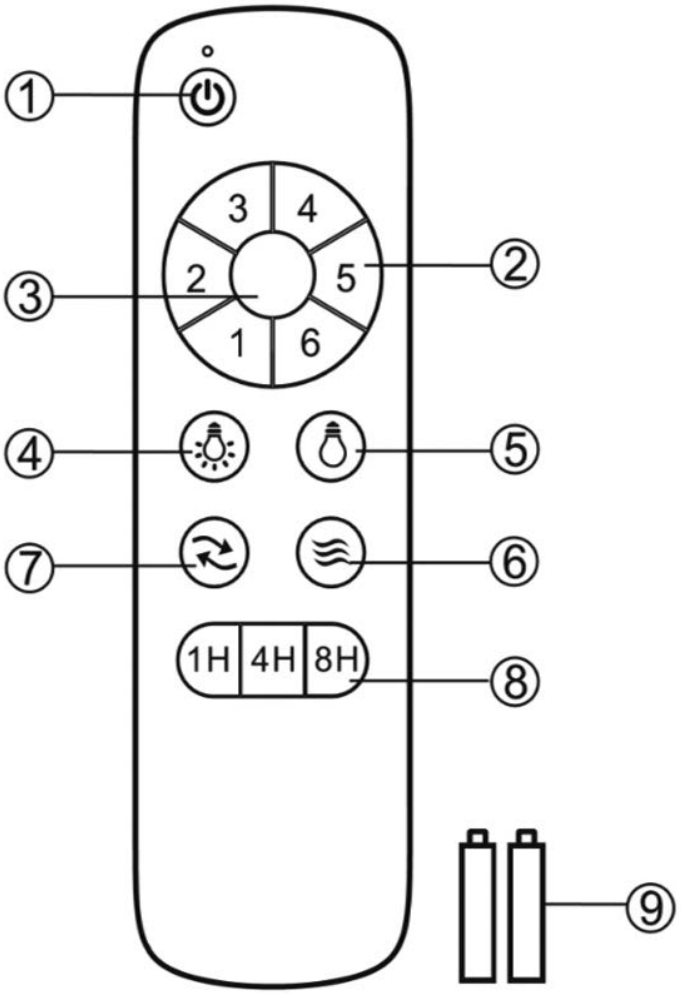
⑤ Turn OFF the light button (if with light model)

⑥ Natural wind button
- Press the button to activate the natural wind mode.
- Press any speed control button to exit the natural wind mode.

⑦ Forward/Reverse button
Press the button to activate the reverse running function. The fan must be operating to activate the reverse function. Press again to return to the forward running function.

⑧ Timer control button
Press the button to activate the fan timer function, the fan will turn off after running 1 hour / 4 hours / 8 hours. To cancel the timer function, just press the fan on/off button.

⑨ Batteries (2 x AAA 1.5V) supplied



INSTALLING THE REMOTE CONTROL WALL BRACKET

Install the holder with the two screws provided. (Fig 4.)

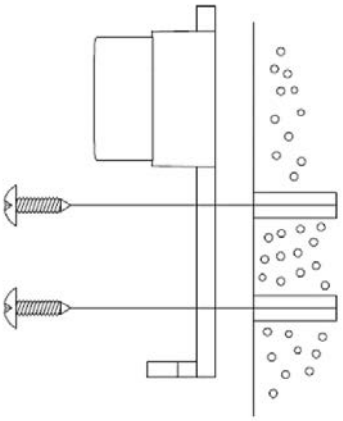


Fig 4.

NATURAL WIND MODE

The fan will run at a changing speed cycle. Highest speed for 20 seconds > Lowest speed for 20 seconds > Highest speed for 20 seconds….

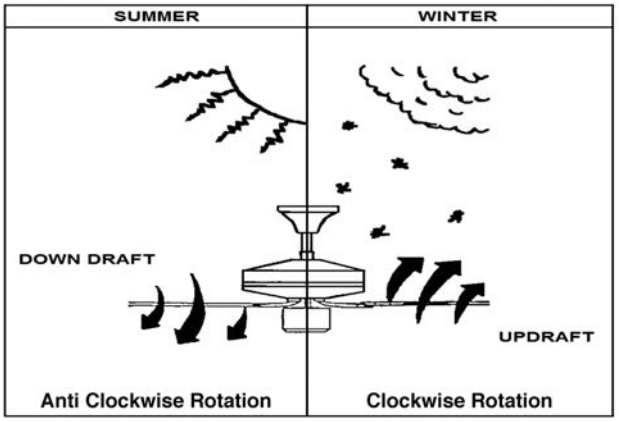
DEKA™
Innovate The Future

FORWARD/REVERSE FUNCTION

Your ceiling fan can operate either in forward mode or reverse mode.

Forward Mode: The fan rotates in an anticlockwise direction. The airflow will be directed downwards, for cooling in summer.

Reverse Mode: The fan rotates in a clockwise direction. The airflow will be directed upwards, for energy conservation in winter.



CHANGING THE COLOUR OF THE LED LIGHT (For models with light only)

You are able to change the output colour of the light kit to either Cool White, Natural White or Warm White. Utilising the single pole switch in the same room as the fan, simply flick the switch OFF and then ON (within 2 seconds) and repeat until your desired colour has been selected. Leave the switch on for normal fan operation via the remote. The remote will "remember" your selection and your desired colour will be set. Repeat process above to change the colour output if desired.

PAIRING OF THE FAN RECEIVER AND REMOTE

NOTE: The remote and receiver have already been paired during manufacturing. When the ceiling fan is installed for the first time, pairing of the remote and receiver is NOT required.

Should the remote and receiver lose pairing after installation or during use, the remote and the receiver must be re-paired. Below are the operating symptoms and method to re-pair 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 the receiver

Solution:

- Switch off the main power to ceiling fan.
- Press and hold the "⏻" button on the remote for 5 seconds (within 30 seconds of switching the power on to the receiver of the ceiling fan). A long "beep" sound to indicate the paring process is activated. Release your finger from the power button.
- After waiting 2-3 minutes, turn the fan ON and change the speed of the ceiling fan by the remote to check the operation and successful paring.

AFTER INSTALLATION

DEKA™
Innovate The Future

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 will cause excessive vibration. Movement of a few centimetres 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 and blade screws are fastened securely.

NOTE: This fan has been precision balanced at the factory and may need re-balancing. (Balancing kit supplied can be used if required).

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 note that this is not a product fault and as such is not covered under warranty – All electric motors are audible to some extent. **Please allow a 24-hour "breaking-in" period, most noises associated with a new fan disappear during this time.**

CARE AND CLEANING:

- Every 6 months 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 soak or immerse your ceiling fan in the water or other liquids. It could damage the motor or the blades and create the possibility of an electrical shock.
- Ensure that the fan does not come in contact with any organic solvents or cleaners.
- To clean the fan blade, wipe with only a damp clean cloth with NO organic solvents or cleaners.
- 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 performing any maintenance or attempting to clean your fan.

TECHNICAL INFORMATION

CEILING FAN MODEL	RATED VOLTAGE	RATED POWER (MOTOR)	RATED POWER (LAMP)	NW
RONDO52XX	220-240V AC 50Hz	38W	N/A	5.4kg
RONDO52LEDXX	220-240V AC 50Hz	38W	20W	5.7kg
RONDO58XX	220-240V AC 50Hz	38W	N/A	5.8kg
RONDO58LEDXX	220-240V AC 50Hz	38W	20W	6.1kg

IMPORTANT FACTS

DEKA™
Innovate The Future

All electric motors, including fan motors make some noise and may feel hot if touched – this is NOT A FAULT. Ceiling fans tend to move during operation as they are not generally rigid-mounted. Rigid mounted ceiling fans generate excessive vibration (which leads to noise) and stress on their mountings.

Movement in a ceiling fan is not uncommon and does not suggest the fan will fall down.

Some fans wobble more than others, even in the same model.

Fan Operation

A ceiling fan rotates much more slowly than an electric desk fan; it cools people effectively by introducing slow movement into the otherwise still, hot air of a room, inducing natural evaporative cooling. Fans never actually cool air, unlike air-conditioning equipment, but use significantly less power.

Normal Wear and Tear

Threaded components working slightly loose, or blade carriers becoming 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.

Night Noises

This is the biggest cause of service calls, which are outside the manufacturer's warranty. If a fan has a fault, then it would be noticeable at ALL TIMES. Obviously when everything is quiet at night you will be more inclined to hear small noises, which may not be noticeable at other times. Even slight signals super imposed in your electricity supply for off peak hot water control may cause a change in the fan motor noise, which is deemed normal. Solar power systems will cause extra humming in motors. In both scenarios it is recommended that you explore options of adding a filter that can be installed to eliminate these issues.

Dimming

The light kit supplied with this fan is NOT DIMMABLE.

Dimmers and solid state wall controllers can NOT BE USED for the operation of the fan motor. This will instantly void any warranty provided.

WARRANTY INFORMATION

DEKA™
Innovate The Future

Important ceiling fan warranty information for owners and installers.

Our goods come with guarantees that cannot be excluded under Australian Consumer Law. You are entitled to a replacement or refund for a major fault 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.

This product is covered for six (6) years in total consisting of a two (2) year in-home warranty followed by a four (4) year parts only warranty. Please note that remote controls (if applicable) and other accessories are covered for one (1) year from the date of purchase.

What is an in-home warranty?

Deka branded ceiling fans offers a two (2) year in-home parts and labour warranty on ceiling fans installed within the coverage of our network of service agents and in cases where the product fails due to defective materials or workmanship.

This warranty does not cover installation faults, house wiring faults, loose blades or damage of any kind. In areas outside of the coverage of Deka service agents, Deka will reimburse a standard fee of $88.00 (inc. GST) for consumers using their own electricians. Conditions apply and Deka support must be contacted PRIOR to organising your own electrician. Under no circumstances will reimbursements be paid without prior consent of Deka support.

Subject to your “Rights under Australian consumer law”, but otherwise to the maximum extent permitted by law, the Deka warranty will NOT cover the below:

1. Where installation was not carried out by a licensed electrician or contractor.
2. Products not installed as per the instruction manual and in accordance to SAA and local authority regulations.
3. Defect, damage or failure resulting from misuse, accident, neglect, abuse, tampering, modifications or unauthorized repairs of any kind by any person.
4. Minor variations of speed may be evident even between same model of fans. No two fans run exactly the same, even across all speeds.
5. Fan “wobbles” – Any wobble is usually caused by the mounting to the ceiling not being adequate or mismatched or out of alignment blades. Blades should not be mixed from one fan to another as the blades sets are balanced during production. Refer to the User Manual for more information.
6. Defect, damage or failure resulting from any acts of God, including damages from lightning.
7. Defect, damage or failure resulting from power grid fluctuations or power surges.
8. Damage caused by alternate power supplies, e.g. Solar inverters etc.
9. Disposable accessories, e.g. Batteries or light globes (unless otherwise stated)
10. “Night noises” - intermittent humming or other influences from mains power delivery infrastructure – Refer Important Facts for further information.
11. Water damage
12. The cost of renting, obtaining and using special equipment (i.e. scaffolding, scissor lifts etc.) for accessing products installed at a height of greater than 3.5 meters.
13. Liability for consequential loss or claims for damage to furniture, carpets, walls, ceilings, foundations or and other event either directly or indirectly resulting from a faulty product or accessory to the maximum extent permitted by law.

After reading the above information:

1. Should you consider there is a fault relating to the installation, please contact the original installer to rectify.
2. Should you consider that there is a manufacturer's defect with the fan, please go to www.dekafans.com.au and click on Warranty. Fully complete and supply all requested information for an expedited warranty process.

Warranty is provided by Repelec (Aust)
16 Rayben Street Glendenning NSW 2761
Phone: 1300 555 586 **Email:** sales@repelec.com.au
Website: www.repelec.com.au

This warranty is valid in Australia only

DEKA™

Innovate The Future

www.dekafans.com.au