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> Orient Electric 1200mm Aerosense BLDC Ceiling Fan User Manual

Orient Electric Aerosense BLDC (2134848712300)

Orient Electric Aerosense BLDC Ceiling Fan User Manual

Model: Aerosense BLDC (2134848712300)

Brand: Orient Electric

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Orient Electric Aerosense BLDC Ceiling Fan. Designed for energy efficiency and quiet operation, this fan features a Brushless Direct Current (BLDC) motor, remote control, and smart connectivity options. Please read this manual thoroughly before installation and use to ensure safe and optimal performance of your appliance.

IMPORTANT SAFETY INSTRUCTIONS

To reduce the risk of fire, electric shock, or injury to persons, observe the following:

- **Read all instructions** before installing and operating the fan.
- Installation must be performed by a **qualified electrician** and in accordance with all local electrical codes.
- Ensure the mounting structure is **strong enough** to support the fan's weight (approximately 4.9 kg).
- Always disconnect power at the main circuit breaker before working on the fan.
- Do not operate the fan with a damaged cord or plug.
- Keep hands, feet, and other objects away from the rotating blades.
- This 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 use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.

PACKAGE CONTENTS

Carefully unpack your fan and check that you have received all the following items:

- Motor Unit
- A set of 3 Blades

- Down Rod
- Shackle Kit & A pair of canopies
- Remote with Pair of Batteries



Image: The main components of the Orient Electric Aerosense BLDC Ceiling Fan, including the motor, blades, down rod, and remote control.

SETUP AND INSTALLATION

Installation of the Orient Electric Aerosense BLDC Ceiling Fan should only be carried out by a certified electrician to ensure safety and compliance with electrical standards.

1. **Power Disconnection:** Before beginning any installation, ensure the main power supply to the installation area is turned off at the circuit breaker.
2. **Mounting Bracket Installation:** Securely attach the mounting bracket to a ceiling joist or a suitable support structure capable of holding the fan's weight. Use appropriate hardware for your ceiling type.

3. **Down Rod Assembly:** Insert the down rod through the canopy and coupling, then secure it to the motor unit. Ensure all screws are tightened.
4. **Wiring Connection:** Carefully connect the fan's electrical wires to the household wiring according to the wiring diagram provided in the separate installation guide. Ensure all connections are secure and insulated.
5. **Fan Hanging:** Lift the fan assembly and hang it onto the mounting bracket.
6. **Blade Attachment:** Attach the three fan blades to the motor hub using the provided screws. Ensure they are firmly secured.
7. **Canopy Adjustment:** Slide the canopy up to cover the mounting bracket and wiring connections, then secure it in place.
8. **Final Check:** Double-check all connections and ensure no wires are pinched. Restore power and test the fan's operation.



orient electric

TECHX DESIGN

Next-gen BLDC fan

VOICE
IoT
ENABLED

Whisper quiet fan

MORE STARS
MORE SAVINGS

Image: An installed Orient Electric Aerosense BLDC Ceiling Fan, showcasing its sleek design and ash wood finish.

OPERATING INSTRUCTIONS

Your Orient Electric Aerosense BLDC Ceiling Fan offers multiple control options for convenience.

Remote Control Operation

The fan comes with a dedicated remote control for easy operation. Insert the provided batteries into the remote before use.

- **Power On/Off:** Press the **Power** button to turn the fan on or off.
- **Speed Control:** Use the **Speed Up** and **Speed Down** buttons to adjust the fan speed. The fan has multiple speed settings.
- **Light Control (if applicable):** If your model includes an underlight, use the **Light** button to turn the light on/off or adjust its brightness.
- **Mode Selection:** The **Mode** button may cycle through different operational modes (e.g., Sleep mode, Breeze mode).

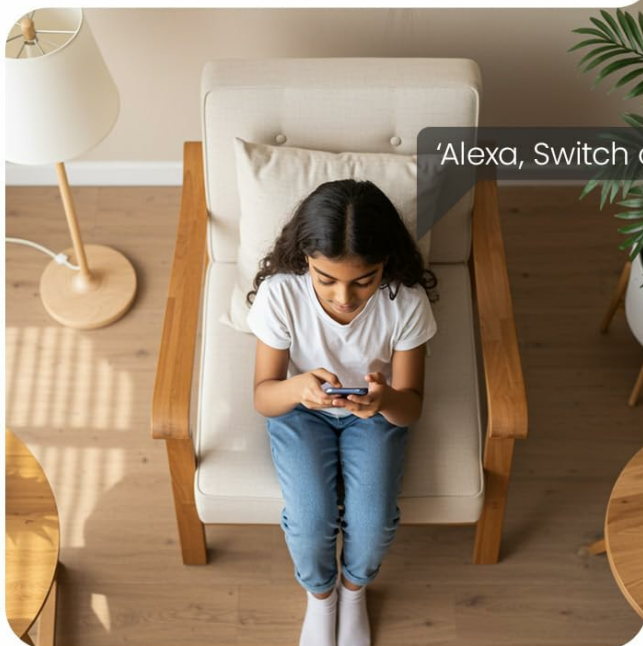
A fan you can speak to



IoT-enabled
voice command



App based
control



'Alexa, Switch on the fan'

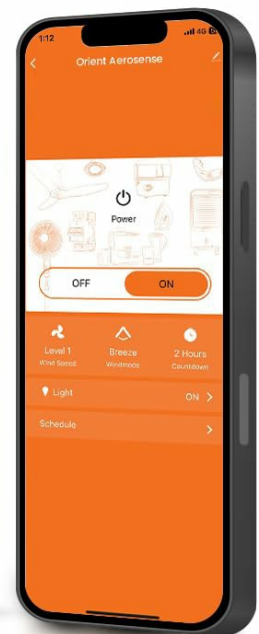


Image: A visual representation of the fan's remote control and the smartphone application interface, highlighting voice control capabilities.

Smart Control (App & Voice)

The Aeroseense BLDC fan is IoT enabled, allowing control via a smartphone app and voice commands through compatible smart home assistants (e.g., Alexa, Google Assistant).

- **App Control:** Download the "Orient Smart" application from your device's app store. Follow the in-app instructions to pair your fan. The app allows for comprehensive control, including speed adjustment, light control, scheduling, and mode selection.

- **Voice Control:** Once paired with the app, you can link your fan to Amazon Alexa or Google Assistant. Use voice commands such as "Alexa, turn on the fan" or "Hey Google, set fan speed to 3."

Two-Way Rotation Feature

This fan features a unique two-way rotation capability, optimizing comfort for different seasons:

- **Counter-clockwise Rotation (Summer Mode):** In this standard mode, the fan pushes air downwards, creating a cooling effect by generating a breeze.
- **Clockwise Rotation (Winter Mode):** In this mode, the fan draws air upwards, circulating warm air that collects near the ceiling. This helps to distribute heat more evenly throughout the room, providing a sensation of warmth without creating a direct draft. Refer to your remote or app for switching rotation direction.



Image: Diagram illustrating the two-way rotation feature of the fan, showing how clockwise rotation helps in winter by circulating warm air upwards, and counter-clockwise rotation creates a cooling effect in summer by pushing air downwards.

MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your fan.

- **Cleaning:** Always disconnect power before cleaning. Use a soft, damp cloth to wipe down the fan blades and motor housing. Do not use abrasive cleaners or solvents, as they may damage the finish. The ABS blades with PU finish are designed for easy cleaning.
- **Blade Inspection:** Periodically check the blades for any signs of damage or warping. Ensure they are securely attached.
- **Tighten Screws:** Over time, screws may loosen. Periodically check and tighten all screws on the fan assembly, including those on the down rod and mounting bracket.
- **No Lubrication Required:** The BLDC motor and double ball bearings are designed for maintenance-free operation and do not require lubrication.



Image: Close-up view of the fan's aerodynamically designed blades, emphasizing their smooth finish and ease of cleaning.

TROUBLESHOOTING

If you encounter issues with your fan, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Fan does not start	No power supply; Loose wiring; Remote batteries dead.	Check circuit breaker; Ensure all wiring connections are secure (consult electrician); Replace remote batteries.
Fan makes excessive noise	Loose screws; Unbalanced blades; Motor issue.	Tighten all screws; Check blades for warping or damage and ensure they are balanced; If noise persists, contact customer support.
Remote control not working	Dead batteries; Remote not paired; Obstruction between remote and fan receiver.	Replace batteries; Refer to pairing instructions in the full manual (if applicable); Ensure clear line of sight.
Fan wobbles	Loose mounting; Unbalanced blades; Bent down rod.	Ensure mounting bracket is securely fastened; Check blade balance; Inspect down rod for damage.

If the problem persists after attempting these solutions, please contact Orient Electric customer support.

SPECIFICATIONS

Feature	Detail
Brand	Orient Electric
Model Name	Aerosense BLDC
Item Model Number	2134848712300
Colour	Ash Wood
Electric Fan Design	Ceiling Fan
Power Source	Corded Electric
Product Dimensions	60.2D x 34.5W x 23.8H Centimeters
Special Features	App Operable, BLDC Motor, IoT Enabled, Inverter Compatible, Remote Controlled
Recommended Uses	Air Circulation, Cooling, Drying
Wattage	40 Watts
Number of Blades	3
Air Flow Capacity	245 Cubic Metres per Minute
Blade Length	1200 Millimetres
Speed	280 RPM
Item Weight	4.9 kg (4900 Grams)
Indoor/Outdoor Usage	Indoor

Feature	Detail
Control Method	Voice, Remote, App
Country of Origin	India





Double ball bearing
for smooth operation



Runs 2X longer
on an inverter



Brushless motor for
a longer life



Save up to 50% on
electricity bills

BLDC **PRO**

Saves Up To
₹5000* Annually



*On using four fans for 16 hours daily throughout one year
**As compared to an induction fan

Image: An exploded view of the BLDC motor, highlighting its brushless design and double ball bearings for smooth, energy-efficient operation.

WARRANTY AND SUPPORT

Your Orient Electric Aerosense BLDC Ceiling Fan comes with a comprehensive warranty to ensure peace of mind.

- **Warranty Period:** This product is covered by a **5-year warranty** provided by Orient Electric. Please refer to your purchase documentation for specific terms and conditions.
- **Warranty Claims:** In case of any manufacturing defects or issues covered under warranty, please contact Orient Electric customer service.

- **Customer Support:** For technical assistance, troubleshooting, or service requests, please reach out to Orient Electric customer support. Contact details can typically be found on the official Orient Electric website or on your product packaging.

For the most up-to-date contact information and service center locations, please visit the official Orient Electric website:

www.orientelectric.com

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