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> Orient Electric Ecotech Prime Energy Saving Ceiling Fan User Manual

## Orient Electric 2134824311010

# Orient Electric Ecotech Prime Energy Saving Ceiling Fan User Manual

Model: Ecotech Prime with Remote (2134824311010) | Brand: Orient Electric

## 1. INTRODUCTION AND OVERVIEW

The Orient Electric Ecotech Prime is an energy-saving ceiling fan designed for efficient air circulation in various indoor spaces. This 1200 mm premium ceiling fan is 5-star rated for energy efficiency and comes equipped with a remote control for convenient operation.

Key features include:

- Energy Saving Ceiling Fan with Remote
- High speed operation at 350 RPM
- Air delivery of 220 CMM



Image 1.1: The Orient Electric Ecotech Prime Ceiling Fan, showcasing its white finish and three blades.

## 2. SAFETY INFORMATION

Please read all safety instructions carefully before installation and operation to prevent injury or damage.

- **Electrical Safety:** Ensure the power supply is disconnected at the main circuit breaker before installation, cleaning, or maintenance. All electrical connections must comply with local codes and regulations.
- **Mounting:** The mounting structure must be capable of supporting the weight of the fan (approximately 3.1 kg) and the dynamic forces generated during operation.
- **Blade Clearance:** Maintain a minimum clearance of 2.3 meters (7.5 feet) from the floor to the bottom of the fan blades and at least 0.5 meters (1.6 feet) from walls or other obstructions.
- **Moving Parts:** Do not insert any objects into the path of the fan blades while the fan is operating.
- **Cleaning:** Use a soft, damp cloth for cleaning. Do not use abrasive cleaners or solvents.
- **Professional Installation:** It is highly recommended to have the fan installed by a qualified electrician.

## 3. WHAT'S IN THE BOX

Verify that all components are present before beginning installation:

- Motor
- Down Rod
- Shackle Kit
- Safety Wire
- A pair of canopies (top and bottom)
- A set of 3 Blades
- Remote Control
- A Pair of Batteries (for remote)

## 4. SETUP AND INSTALLATION

**Important:** Ensure power is OFF at the circuit breaker before starting installation. Professional installation by a qualified electrician is strongly recommended.

1. **Mounting Bracket Installation:** Securely attach the mounting bracket to a ceiling joist or a suitable fan-rated electrical junction box. Ensure it can support the fan's weight.
2. **Down Rod Assembly:** Insert the down rod through the canopy and motor housing. Secure it with the provided pin and cotter pin.
3. **Wiring Connections:** Carefully connect the fan's electrical wires to the household wiring according to the wiring diagram provided in the separate installation guide (not included here). Ensure all connections are secure and insulated.
4. **Fan Hanging:** Lift the fan assembly and hang it from the mounting bracket. Connect the safety wire to a secure

point on the ceiling structure.

5. **Blade Attachment:** Attach each of the three blades to the motor housing using the screws provided. Ensure they are firmly secured.
6. **Canopy Installation:** Slide the canopies up to cover the wiring and mounting bracket, securing them in place.
7. **Power Restoration:** Once all steps are complete and connections are secure, restore power at the circuit breaker.

## 5. OPERATING INSTRUCTIONS

The Orient Electric Ecotech Prime fan is controlled via the included remote control.

- **Power ON/OFF:** Press the 'ON/OFF' button on the remote to turn the fan on or off.
- **Speed Control:** The fan offers 5 power levels. Use the speed control buttons (typically '+' and '-' or numbered buttons) on the remote to adjust the fan speed from 1 (lowest) to 5 (highest).
- **Timer Function (if available):** Refer to the remote control's specific buttons for setting a timer, if this feature is present on your model.
- **Remote Battery:** The remote uses a pair of batteries. Replace them when the remote's range decreases or it stops responding.

## 6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your ceiling fan.

- **Cleaning:** Dust the fan blades and motor housing regularly with a soft, lint-free cloth. For stubborn dirt, slightly dampen the cloth with water. Ensure the fan is turned off and completely stopped before cleaning.
- **Blade Inspection:** Periodically check that all blade screws are tight. Loose blades can cause wobbling and noise.
- **Motor Housing:** Keep the motor housing free from dust and debris to ensure proper ventilation.
- **No Lubrication Needed:** The fan motor is permanently lubricated and does not require additional oiling.

## 7. TROUBLESHOOTING

If you encounter issues with your fan, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Fan does not start	No power supply Loose wiring Remote control batteries dead	Check circuit breaker and wall switch Verify all electrical connections (power off first) Replace remote control batteries

Problem	Possible Cause	Solution
Fan wobbles	Loose blade screws Unbalanced blades Loose mounting bracket	Tighten all blade screws Check for bent blades or use a blade balancing kit Ensure mounting bracket is securely fastened
Noisy operation	Loose screws Motor issues Interference with ceiling	Check and tighten all screws on the fan Contact customer support if motor noise persists Ensure no parts are touching the ceiling
Remote control not working	Dead batteries Obstruction between remote and receiver Remote not paired (if applicable)	Replace batteries Remove any obstructions Refer to specific pairing instructions (if any)

## 8. SPECIFICATIONS

Detailed technical specifications for the Orient Electric Ecotech Prime Ceiling Fan:

Specification	Detail
Brand	Orient Electric
Model Name	Ecotech Prime with Remote
Item Model Number	2134824311010
Colour	White
Electric Fan Design	Ceiling Fan
Power Source	Corded Electric
Product Dimensions	24.5D x 24.5W x 29H Centimeters
Room Type	Dining Room, Kids Room, Kitchen, Living Room
Special Feature	Remote Controlled
Wattage	32 Watts
Finish Type	Painted
Number of Blades	3
Air Flow Capacity	220 CMM (cubic meters per minute)
Speed	350 RPM (revolutions per minute)
Switch Type	Remote

Specification	Detail
Item Weight	3.1 kg (3100 Grams)
Indoor/Outdoor Usage	Indoor
Control Method	Remote
Number of Power Levels	5
Size	1200 MM

## 9. WARRANTY AND SUPPORT

Your Orient Electric Ecotech Prime Ceiling Fan comes with a **3 Years Onsite Warranty**.

For warranty claims, technical support, or service inquiries, please contact Orient Electric Limited directly:

**Manufacturer:** Orient Electric Limited

**Address:** 11, Industrial Estate, Sector - 6, Faridabad - 121006, Haryana, India

Please retain your purchase receipt as proof of purchase for warranty purposes.