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Aigostar FSD-LED-1

Aigostar Ceiling Fan with Lighting and Remote Control - User Manual

Model: FSD-LED-1

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Aigostar Ceiling Fan with Lighting. This energy-efficient ceiling fan features a quiet DC motor, adjustable LED lighting with brightness and color temperature control, a timer function, and a memory function for convenience. Please read this manual thoroughly before installation and use, and keep it for future reference.

2. Safety Instructions

- Always disconnect power at the main circuit breaker before installation, cleaning, or maintenance.
- Installation should be performed by a qualified electrician in accordance with all local and national electrical codes.
- Ensure the mounting structure can support the weight of the fan.
- Do not insert fingers or any objects into the fan blades while the fan is operating.
- Keep children away from the fan during operation.
- Do not use the fan in damp or wet locations.
- Use only the remote control provided with the fan.

3. Package Contents

Please check that all items are included in your package:

- Aigostar Ceiling Fan Unit
- Remote Control
- Mounting Bracket
- Screws and Anchors
- User Manual

4. Installation

Follow these steps for proper installation. Professional installation is recommended.

1. **Prepare for Installation:** Turn off power at the circuit breaker. Ensure the ceiling structure is suitable for mounting.
2. **Mount the Bracket:** Secure the mounting bracket to the ceiling junction box using the provided screws.
3. **Wiring:** Connect the fan's electrical wires to your household wiring according to the wiring diagram in the detailed installation guide (not included in this summary). Ensure all connections are secure.
4. **Attach the Fan Unit:** Carefully lift the fan unit and attach it to the mounting bracket. Secure it with the appropriate screws.
5. **Final Checks:** Ensure all connections are tight and the fan is securely mounted. Restore power.



Figure 4.1: Product dimensions (49 x 49 x 14 cm) and remote control for the Aigostar Ceiling Fan. The image also illustrates the 700cm remote control range and the 50% energy saving of the DC motor.



Figure 4.2: The Aigostar Ceiling Fan installed, showcasing its integrated lighting and the included remote control. The image highlights the fan's ability to provide different light colors (warm, natural, cool white).

5. Operating Instructions

Your Aigostar Ceiling Fan is operated using the included remote control.

5.1. Remote Control Functions

- **ON/OFF Button:** Turns the fan and light on or off.
- **Fan Speed Buttons:** Adjusts fan speed from 1 to 6.
- **Light ON/OFF Button:** Toggles the light independently.
- **Brightness Adjustment:** Increases or decreases light brightness (0% - 100%).
- **Color Temperature Adjustment:** Cycles through warm (2700K), natural (4500K), and cool white (6500K) light.
- **Night Light Mode:** Activates a low-intensity night light.
- **Timer Buttons:** Sets the fan/light to turn off automatically after 1 hour, 2 hours, or 4 hours.
- **60-Second Delayed Light Switch-off:** After 60 seconds, the fan automatically turns off, and the night light

remains on.

- **Summer/Winter Mode (Reversible Blades):** Changes the direction of airflow.



Figure 5.1: Illustration of the timing function (1H/2H/4H) and the quiet 'Sleeping Wind Mode' (20dB) of the Aigostar Ceiling Fan, ideal for undisturbed sleep.



Figure 5.2: Demonstrates the stepless dimming capability (10%-100%) and adjustable color temperature (3000K Warm Light, 4500K Natural Light, 6500K White Light) of the integrated LED lighting.



Figure 5.3: Shows the six adjustable air speeds, categorized into Sleep Wind (Speed 1-2), Neutral Wind (Speed 3-4), and Cool Wind (Speed 5-6), suitable for rooms from 10 to 25 square meters.



Figure 5.4: Illustrates the reversible blade function, allowing for downward airflow (Summer Mode) for cooling and upward airflow (Winter Mode) for air circulation and balancing indoor temperature.

5.2. Memory Function

The fan features a memory function that saves the last used settings for both light and fan speed. When you turn the unit back on, it will automatically restore the previous mode.

6. Features

- **DC Motor:** Energy-efficient, consuming 50% less power than AC motors, and operates quietly.
- **Removable Protective Grille:** Designed for easy cleaning of the fan lamp without disassembling the entire unit.
- **Adjustable Brightness and Color Temperature:** Stepless dimming (0%-100%) and color temperature control from 2700K (warm) to 6500K (cool white), including a night light mode.
- **Timer Function:** Programmable auto-off settings (1h/2h/4h) and a 60-second delayed light switch-off.
- **Memory Function:** Recalls the last used light and fan settings.

- **Summer and Winter Modes:** Reversible airflow for cooling in summer and air circulation in winter.
- **6 Adjustable Air Speeds:** From gentle sleep wind to strong cool wind.

7. Maintenance

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

- **Cleaning:** Before cleaning, ensure the power is off. Use a soft, damp cloth to wipe down the fan and light fixture. Do not use abrasive cleaners.
- **Removable Grille Cleaning:** The central grille can be easily removed for thorough cleaning of the fan blades and interior. Refer to the detailed diagram for removal instructions.
- **Lamp Recycling:** For information on recycling lamps, please consult local regulations or recycling centers.
- **Disposal of Broken Lamps:** If a lamp is broken or damaged, handle with care and dispose of it according to local hazardous waste guidelines.

8. Troubleshooting

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

Problem	Possible Cause	Solution
Fan does not turn on.	No power supply. Remote control battery low. Loose wiring connection.	Check circuit breaker. Replace remote control batteries. Check wiring (ensure power is off).
Light does not turn on.	Light function off. Loose wiring connection.	Press the light ON button on the remote. Check wiring (ensure power is off).
Remote control not responding.	Batteries are dead or incorrectly inserted. Obstruction between remote and fan.	Replace batteries, ensure correct polarity. Remove any obstructions. Ensure remote is pointed at the fan.
Fan makes unusual noise.	Loose screws. Fan not balanced.	Tighten all mounting screws. Ensure fan is installed on a flat surface.

9. Specifications

Attribute	Specification
Brand	Aigostar
Model Number	FSD-LED-1
Product Dimensions	49 x 49 x 14 cm
Power Consumption (Fan)	20W (DC Motor)
Power Consumption (Light)	40W (LED)
Light Output	4200 lm

Attribute	Specification
Voltage	240 Volt
Color Temperature	2700K - 6500K (Adjustable)
Dimmable	Yes (0% - 100%)
Fan Speeds	6
Control Type	Remote Control
Material	Plastic (Lampshade)
Suitable Room Size	10-25 square meters

10. Warranty and Support

Aigostar products are manufactured to high-quality standards. For warranty information or technical support, please contact Aigostar customer service through their official website or the retailer where you purchased the product. Please have your model number (FSD-LED-1) and purchase details ready when contacting support.

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