

[Manuals.plus](#) /

› [Ayaoty](#) /

› Ayaoty SY-86 52-Inch Ceiling Fan with Light and Remote Instruction Manual

Ayaoty SY-86

Ayaoty SY-86 52-Inch Ceiling Fan with Light and Remote

Instruction Manual

1. SAFETY INFORMATION

Please read and understand this entire manual before attempting to assemble, operate, or install the product. Failure to follow these instructions could result in electric shock, fire, or serious personal injury.

- Ensure all electrical connections comply with local codes and ordinances, and with the National Electrical Code (NEC).
- Turn off power at the circuit breaker before beginning installation to prevent possible electrical shock.
- All wiring must be in accordance with the National Electrical Code ANSI/NFPA 70 and local electrical codes. Electrical installation should be performed by a qualified licensed electrician.
- The mounting structure must be capable of supporting a minimum of 35 lbs (15.9 kg).
- Do not operate the fan with a damaged power cord or plug.
- Do not insert objects into the fan blades while the fan is operating.

2. PACKAGE CONTENTS

Carefully unpack all components and ensure all parts are present before beginning assembly. Refer to the diagram below for identification of parts.



This image illustrates the overall dimensions of the 52-inch ceiling fan, including the 14.17-inch height and 52-inch blade span. It also highlights the 3-color LED light, finished blades, and quiet DC motor.

The package includes the fan motor housing, six fan blades, a light kit with an integrated LED light source, a remote control, two downrods (4-inch and 8-inch options), a mounting bracket, and necessary hardware.

3. SETUP AND INSTALLATION

Follow these steps for proper installation of your ceiling fan. It is recommended to watch the installation video for visual guidance.

Your browser does not support the video tag.

This video provides a step-by-step guide on how to install the 52-inch ceiling fan with light and remote, covering assembly of components and electrical connections.

3.1 Blade Assembly

1. Attach each fan blade to its respective blade arm using the provided screws. Ensure screws are tightened securely.

2. Mount the assembled blade arms to the motor housing.

3.2 Light Kit Installation

1. Connect the wires from the integrated LED light source to the corresponding wires in the motor housing.
2. Secure the LED light panel to the motor housing using the provided screws.

3.3 Downrod Assembly

1. Select the appropriate downrod length (4-inch or 8-inch) for your ceiling height.
2. Feed the electrical wires from the motor through the downrod.
3. Secure the downrod to the motor housing with the provided pin and screws.

3.4 Mounting Bracket Installation

1. Attach the mounting bracket to the ceiling junction box using the screws provided. Ensure the bracket is firmly secured to a structural ceiling beam or a fan-rated junction box.

3.5 Wiring

1. Connect the fan's electrical wires to the household wiring according to the wiring diagram in the manual and local electrical codes. Typically, this involves connecting live, neutral, and ground wires.
2. Ensure all connections are secure and properly insulated.

3.6 Canopy and Light Cover Installation

1. Slide the canopy up to cover the mounting bracket and secure it with screws.
2. Attach the light cover to the light kit by twisting or securing with screws, depending on the design.

4. OPERATING INSTRUCTIONS

Your Ayaoty SY-86 ceiling fan can be operated using the included remote control or a smartphone application.

4.1 Remote Control Functions

The remote control allows you to manage all fan and light functions:

- **Power On/Off:** Turns the fan and light on or off.
- **Fan Speed:** Adjusts between 6 wind speeds (low, medium, high).
- **Light Control:** Turns the light on/off, adjusts brightness (0-100%), and changes color temperature (3000K warm yellow, 4000K natural, 6500K cool white).
- **Reversible Motor:** Switches between summer mode (downward airflow for cooling) and winter mode (upward airflow for heat distribution).
- **Timer:** Sets the fan to turn off automatically after a specified duration.



This image displays the remote control and the 'Fan Lamp Pro' app interface, illustrating how to control the fan's speed, light settings, and other features.

4.2 App Control (Bluetooth Pairing)

To control the fan via the 'Fan Lamp Pro' app:

1. Download the 'Fan Lamp Pro' app from your smartphone's app store or by scanning the QR code provided in the product packaging. A direct link is also available at <https://www.jasonghost.com/fanlampro/>.
2. Ensure your phone's Bluetooth is turned on.
3. Within 5 seconds of powering on the fan, open the app and tap the pairing button. The light will flash twice to confirm successful pairing.
4. The app allows for comprehensive control, including fan speed, light brightness, color temperature, and scheduling.

4.3 Reversible DC Motor

The fan features a reversible DC motor for year-round comfort:

- **Summer Mode:** Blades rotate counter-clockwise, pushing air downwards to create a cooling breeze.
- **Winter Mode:** Blades rotate clockwise, drawing air upwards to circulate warm air trapped near the ceiling, helping to balance room temperature.



This image demonstrates the reversible DC motor function, showing downward airflow for summer cooling and upward airflow for winter heat circulation.

4.4 Light Color Temperatures and Dimming

The integrated LED light offers three color temperature options and adjustable brightness:

- **3000K Warm Yellow Light:** Ideal for relaxation and cozy environments.
- **4000K Natural Light:** Suitable for general illumination and daily activities.
- **6500K Cool White Light:** Best for tasks requiring bright, focused light.

Brightness can be adjusted from 0% to 100% to suit your preference.



This image illustrates the three adjustable color temperatures (3000K Warm White, 4500K Natural Light, 6000K Clear White) and their corresponding brightness levels.

4.5 Fan Speeds

The fan offers 6 adjustable wind speeds to cater to various needs:

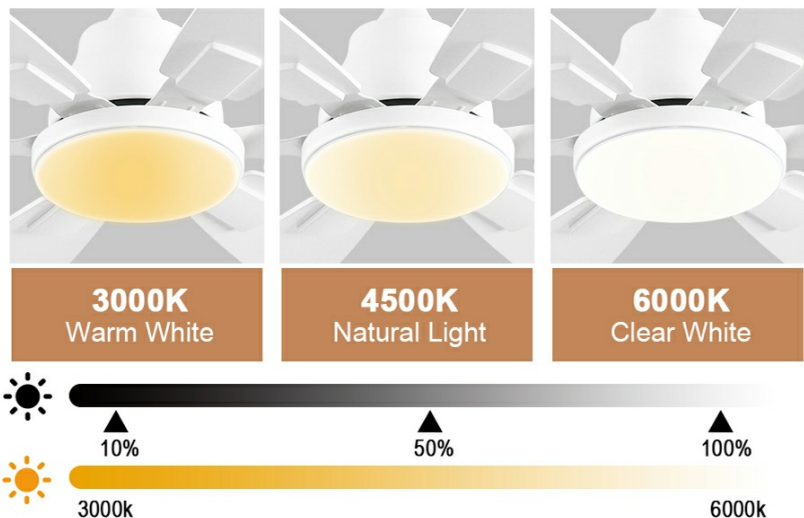
- **1-2 Speeds:** Low wind speed, suitable for sleeping or reading.
- **3-4 Speeds:** Medium wind, ideal for entertainment or gatherings.
- **5-6 Speeds:** High wind, effective for sports or fitness activities.

3-color lighting adjustment

Adjust the light effect freely, which is more convenient and fast



Dimming-
color grading



This image demonstrates the 6 adjustable wind speeds, suggesting appropriate settings for sleeping/reading, entertainment/party, and sports/fitness.

5. MAINTENANCE

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

5.1 General Cleaning

- Always turn off the power at the circuit breaker before cleaning.
- Use a soft, damp cloth to wipe down the fan blades and motor housing. Avoid using abrasive cleaners or solvents that could damage the finish.
- Dust the fan regularly to prevent buildup that can affect performance.

5.2 Blade Care

The fan blades are double-sided, with one side white and the other wood grain. Clean them gently to maintain their appearance.



This image highlights the double-sided fan blades, offering a choice between a white finish and a wood grain finish to match different decor styles.

5.3 LED Light Source

The fan uses a 22W integrated LED light source designed for a long lifespan. If replacement is ever needed, contact customer support for guidance.

6. 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, loose wiring, remote not paired.	Check circuit breaker. Ensure all wiring connections are secure. Re-pair the remote control or app.
Light does not work	Loose wiring, LED light source issue.	Check light kit wiring connections. If the integrated LED is faulty, contact customer support.
Fan is noisy	Loose screws, unbalanced blades, motor issue.	Ensure all blade and mounting screws are tight. Check for any obstructions. If noise persists, contact support. The fan is designed for ultra-quiet operation (<30dB).

Problem	Possible Cause	Solution
LED light flashes when off	Electrical interference, wiring issue.	Ensure proper grounding and secure electrical connections. Consult a qualified electrician if necessary.
Remote control not working	Dead batteries, remote not paired.	Replace remote batteries. Re-pair the remote with the fan.

For issues not listed here or if solutions do not resolve the problem, please contact customer support.

7. SPECIFICATIONS

Feature	Specification
Brand	Ayaoty
Model Name	SY-86
Product Dimensions	52"D x 52"W x 11"H
Item Weight	9.5 Pounds
Color	White
Number of Blades	6
Blade Length	52 Inches
Motor Type	Brushless DC Motor
Number of Power Levels	6 (Fan Speeds)
Light Source	22W Integrated LED
Color Temperature	3000K, 4000K, 6500K (Dimmable)
Control Method	Remote Control, App (Bluetooth)
Noise Level	30 Decibels
Indoor/Outdoor Usage	Indoor, Outdoor
Voltage	120 Volts
Wattage	60 watts

8. WARRANTY AND SUPPORT

Ayaoty provides a **24-month worry-free warranty** for every customer. We are committed to ensuring your

satisfaction with our product.

In addition, we offer **24-hour technical support**. If you have any questions or encounter any issues during the installation or use of your fan, please do not hesitate to contact us. Our support team is ready to assist you.

For warranty claims or technical assistance, please refer to the contact information provided in your product packaging or visit the official Ayaoty store on Amazon: [Ayaoty Store](#).

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