LEDLUX SYCF5205

LEDLUX 52" Smart Ceiling Fan with Light (Model: SYCF5205)
User Instruction Manual

1. SAFETY INFORMATION

Please read and understand all instructions before beginning installation. Failure to follow these instructions could result in electric shock, fire, or personal injury.

- Ensure the power is disconnected at the circuit breaker before installation or servicing.
- All wiring must be in accordance with national and local electrical codes. If you are unfamiliar with wiring, consult a qualified electrician.
- The mounting structure must be capable of supporting the weight of the fan (approximately 12 pounds).
- Do not operate the fan with damaged blades or housing.
- Keep hands, clothing, and other objects clear of the fan blades when the fan is in operation.
- This fan is designed for indoor use only.

2. PRODUCT OVERVIEW AND COMPONENTS

The LEDLUX 52" Smart Ceiling Fan (Model: SYCF5205) is a modern ceiling fan featuring a gold and black finish, three solid wood blades, and an integrated dimmable LED light. It offers multiple control options and a reversible DC motor for year-round comfort.

Key Features:

- **Size:** 52 inches
- **Blades:** 3 Solid Wood Blades
- **Motor:** Reversible DC Motor (6-speed)
- **Light:** Integrated Dimmable LED Light (3000K/4500K/6000K color temperatures, 10%-100% brightness adjustment)
- **Control:** Remote Control, Mobile APP Control, Voice Control (Compatible with Amazon Alexa and Google Assistant)
- **Timer:** 1h, 4h, 8h settings

Components:

The package includes the fan motor housing, blades, downrods (4.5" and 12"), mounting bracket, remote control, and necessary hardware.

Image: Overview of the LEDLUX 52-inch Smart Ceiling Fan, highlighting its remote, app, and voice control capabilities.

3. Setup and Installation

This ceiling fan is designed for DIY installation. For safety and proper function, ensure all steps are followed carefully. If you have any doubts, consult a professional electrician.

Before Installation:

1. **Inspect Contents:** Unpack all components and verify against the packing list.
2. **Power Disconnection:** Turn off power at the main circuit breaker.
3. **Mounting Location:** Ensure the ceiling joist or support structure can hold the fan's weight and that there is adequate clearance for the blades.
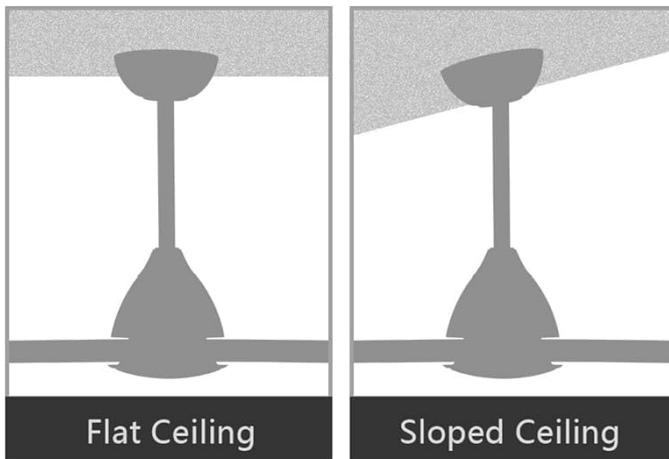
Installation Steps:

1. **Mounting Bracket Installation:** Secure the mounting bracket to the ceiling junction box.
2. **Downrod Assembly:** Choose the appropriate downrod (4.5" or 12") for your ceiling height. Attach the downrod to the fan motor assembly.
3. **Wiring:** Connect the fan's electrical wires to the household wiring according to the provided wiring diagram. Ensure all

connections are secure.

4. **Fan Housing Attachment:** Carefully lift the fan assembly and hang it on the mounting bracket. Secure the fan housing to the bracket.

5. **Blade Installation:** Attach the three solid wood blades to the fan motor housing.

6. **Light Kit Installation:** Connect and secure the LED light kit to the bottom of the fan.

7. **Power Restoration:** Once installation is complete and all connections are checked, restore power at the circuit breaker.

Dimension

6.5″

11.8″ 12.9″
/19.3″ /20.4″

52″

Flat Ceiling

Sloped Ceiling

2 Downrods

4.5″   12″

Image: Diagram showing the fan's dimensions, compatibility with flat and sloped ceilings, and the two included downrod lengths (4.5" and 12").

4. OPERATING INSTRUCTIONS

Your LEDLUX Smart Ceiling Fan offers multiple ways to control its functions.

4.1 Remote Control

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

- **Power On/Off:** Press the power button to turn the fan and light on or off.
- **Fan Speed:** Select from 6 fan speeds using the dedicated speed buttons.
- **Light On/Off:** Toggle the light independently.

- **Light Color Temperature:** Cycle through 3000K (Warm White), 4500K (Natural White), and 6000K (Cool White) settings.
- **Light Dimming:** Adjust brightness from 10% to 100%.
- **Reversible Motor:** Change the blade direction for summer or winter mode.
- **Timer:** Set the fan to turn off after 1 hour, 4 hours, or 8 hours.

Image: Visual representation of the fan's features: 6 speeds, timer function, smart control, dimmable light, reversible motor, and remote control.

4.2 Mobile APP Control

Download the designated mobile application (e.g., "Smart Life" APP) to control your fan from your smartphone or tablet.

1. Download the APP from your device's app store.
2. Register an account and log in.
3. Follow the in-app instructions to add your LEDLUX ceiling fan.
4. Once connected, you can control all fan and light functions, including speed, light color, brightness, and timer settings.

4.3 Voice Control (Alexa & Google Assistant)

Integrate your fan with Amazon Alexa or Google Assistant for convenient voice commands.

1. Ensure your fan is successfully connected to the mobile APP.

2. Open the Alexa or Google Home app on your device.

3. Enable the skill/service for the fan's mobile APP (e.g., "Smart Life").

4. Discover devices. Your LEDLUX fan should appear.

5. You can now use voice commands such as:

    - "Alexa, turn on the living room fan."

    - "Hey Google, set fan speed to 3."

    - "Alexa, change fan light to warm white."

Image: Illustration of the fan's voice control capability, showing compatibility with Amazon Alexa and Google Assistant.

4.4 Reversible DC Motor Function

The reversible DC motor allows you to optimize air circulation for different seasons.

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

Image: Depiction of the reversible motor function, illustrating counter-clockwise rotation for summer cooling and clockwise rotation for winter air circulation.

4.5 LED Light Settings

The integrated LED light offers customizable illumination.

- **Color Temperatures:** Choose between 3000K (warm), 4500K (neutral), and 6000K (cool) to suit your preference or activity.
- **Dimmable:** Adjust the light brightness from 10% to 100% to create the desired ambiance.

3 COLOR TEMPERATURE LIGHTS
WITH DIMMABLE FUNCTION

3000K   4500K   6000K

10%   Dimmable   **100%**

Image: Display of the fan's LED light capabilities, showing three color temperature options (3000K, 4500K, 6000K) and a dimmable range from 10% to 100%.

5. MAINTENANCE

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

- **Cleaning:** Periodically wipe the fan blades and motor housing with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Blade Inspection:** Check blades for any cracks or damage. Replace damaged blades immediately.
- **Tighten Screws:** Over time, screws may loosen. Periodically check and tighten all screws on the fan and mounting bracket.
- **No Lubrication Needed:** The DC motor is permanently lubricated and does not require additional oiling.

Always ensure the power is off at the circuit breaker before performing any cleaning or maintenance.

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 supply; Loose wiring; Remote control battery low.	Check circuit breaker; Verify all wiring connections; Replace remote control batteries.
Light does not work	Loose wiring to light kit; LED module failure.	Check light kit wiring connections; Contact customer support if LED module is faulty.
Fan wobbles	Loose blades; Uneven blade balance; Loose mounting bracket.	Ensure all blade screws are tight; Use a balancing kit (not included) if needed; Tighten mounting bracket screws.
Remote control not working	Low battery; Remote not paired.	Replace remote batteries; Refer to pairing instructions in the full manual (if applicable).
Fan makes noise	Loose screws; Blades hitting an obstruction; Motor issue.	Check and tighten all screws; Ensure no obstructions are near blades; Contact customer support if motor noise persists.

If problems persist after attempting these solutions, please contact LEDLUX customer support.

7. SPECIFICATIONS

Feature	Detail
Brand	LEDLUX
Model Number	SYCF5205
Color	Gold/Black
Product Dimensions	52"D x 52"W x 15"H
Item Weight	12 pounds
Power Source	DC
Wattage	45 watts
Voltage	12 Volts (DC)
Number of Power Levels	6 (Fan Speeds)
Motor Type	Brushless DC Motor
Indoor/Outdoor Usage	Indoor
Control Method	Remote, APP, Voice (Alexa, Google Assistant)
Special Feature	LED Light (Dimmable, 3 Color Temperatures)
Mounting Type	Downrod Mount

8. WARRANTY AND SUPPORT

Your LEDLUX 52" Smart Ceiling Fan comes with a **1-Year Warranty** from the date of purchase.

For any questions regarding installation, operation, troubleshooting, or warranty claims, please contact LEDLUX customer support through Amazon mail. Our team is available to assist you.

Contact Information: Refer to your Amazon purchase details for direct contact options with LEDLUX.