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## Sofucor 52144

# Sofucor 52 Inch Ceiling Fan Instruction Manual

Model: 52144

## 1. INTRODUCTION

Thank you for purchasing the Sofucor 52 Inch Ceiling Fan with Lights and Remote. This flush mount, low-profile ceiling fan is designed for both indoor and outdoor use, including farmhouses, bedrooms, living rooms, patios, and porches. It features a reversible DC motor, dimmable LED light, and convenient remote control operation. This manual provides detailed instructions for safe installation, operation, and maintenance of your new ceiling fan.



Image 1.1: The Sofucor 52 Inch Ceiling Fan with its three wood blades and integrated light, installed in a contemporary living room setting.

## 2. SAFETY INFORMATION

Please read all safety instructions carefully before installation and use to prevent personal injury or property damage.

- Ensure the power supply is disconnected at the circuit breaker before beginning installation or performing any maintenance.
- All electrical wiring must be performed by a qualified electrician or in accordance with local electrical codes.
- The mounting structure must be capable of supporting the weight of the fan (approximately 13.8 pounds).
- Maintain a minimum clearance of 7 feet from the floor to the bottom of the fan blades.
- Do not insert objects into the path of the rotating fan blades.
- This fan is designed for both indoor and outdoor (covered patio/porch) use. Ensure it is not directly exposed to water.

### 3. PACKAGE CONTENTS

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Verify that all components are present before beginning installation:

- Ceiling Fan Motor Assembly
- 3 Wood Blades
- LED Light Kit (integrated)
- Remote Control
- Remote Control Holder
- Mounting Bracket
- Hardware Pack (screws, wire nuts, etc.)
- Instruction Manual

### 4. SETUP AND INSTALLATION

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Installation of the Sofucor ceiling fan requires basic electrical knowledge. If you are unsure about any steps, it is recommended to consult a qualified electrician.

1. **Prepare for Installation:** Turn off power at the main circuit breaker. Ensure the power is completely off before proceeding.
2. **Mounting Bracket Installation:** Secure the mounting bracket to a ceiling joist or a fan-rated electrical junction box. Ensure the bracket is firmly attached and can support the fan's weight.
3. **Wiring Connections:** Connect the fan's electrical wires to the household wiring according to the provided wiring diagram in the detailed user guide. Use appropriate wire nuts to secure connections.
4. **Fan Assembly:** Carefully lift the fan motor assembly and attach it to the mounting bracket. Secure all screws as instructed.
5. **Blade Attachment:** Attach the three wood blades to the fan motor assembly using the provided screws. Ensure all blades are securely fastened.
6. **Light Kit Installation:** The LED light kit is integrated. Ensure all connections are secure.
7. **Final Checks:** Double-check all connections and ensure no wires are pinched. Restore power at the circuit breaker.

For a visual guide, a video tutorial is available. Please refer to the QR code or link provided in the physical user guide that came with your product for access to the installation video.

### 5. OPERATING INSTRUCTIONS

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Your Sofucor ceiling fan is operated via the included remote control, offering comprehensive control over fan speed, light settings, and direction.

#### 5.1 Fan Speed Control

The fan features 6 adjustable speeds to suit your comfort needs. Use the speed buttons on the remote control to cycle through the settings.

# 6 Speed Adjustable

The maximum airflow can reach 4500 CFM



**Level 1-2**  
Soft Wind



**Level 3-4**  
Comfortable Wind



**Level 5-6**  
Cool Wind



Image 5.1: Illustration of the 6 fan speed levels, ranging from soft wind (Level 1-2) to cool wind (Level 5-6), with maximum airflow reaching 4500 CFM.

## 5.2 Dimmable LED Light and Color Temperature

The integrated LED light offers 3 color temperatures (3000K Warm Light, 4500K Natural Light, 6000K White Light) and is dimmable from 10% to 100% brightness (Max: 2000LM). Use the light control buttons on the remote to adjust color and

brightness.

# Wide Application



Image 5.2: Visual representation of the dimmable LED light's three color temperature options: 3000K (Warm), 4500K (Natural), and 6000K (White), along with its brightness adjustment range.

## 5.3 Reversible DC Motor

The reversible DC motor allows for year-round use. In summer, set the fan to downdraft mode (counter-clockwise rotation) to create a cooling breeze. In winter, switch to updraft mode (clockwise rotation) to circulate warm air trapped near the ceiling.

# Reversible DC Motor

Enjoy year-round comfort with our reversible ceiling fan



Image 5.3: Depiction of the reversible DC motor's functionality, showing airflow patterns for cooling in summer (downdraft) and air circulation for warmth in winter (updraft).

## 5.4 Timer Function

The remote control includes timing settings (1, 4, or 8 hours) to automatically turn off the fan and light.

## 5.5 Quiet Operation

The powerful DC motor is designed for quiet operation, with a sound level less than 30dB, ensuring a peaceful environment.



**Enjoy a peaceful and  
quiet room without noise!**

Designed with advanced noise-reduction technology,  
the sound level less than 30dB

Image 5.4: The Sofucor ceiling fan operates at less than 30dB, providing a quiet and comfortable environment for relaxation.

## 6. MAINTENANCE

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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. Ensure power is off before cleaning.
- **Blade Balance:** If the fan wobbles, check that all blade screws are tight and that the blades are not warped. Balancing kits can be used if necessary.
- **Light Source:** The LED light is integrated and designed for long life. If replacement is needed, contact customer support.

## 7. TROUBLESHOOTING

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Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Fan does not start	No power; Loose wiring; Remote control issue	Check circuit breaker; Verify all wire connections; Replace remote batteries or re-pair remote.
Fan wobbles	Loose blades; Unbalanced blades; Loose mounting bracket	Tighten blade screws; Use a blade balancing kit; Ensure mounting bracket is secure.
Light does not work	Loose wiring; Remote control issue; LED driver issue	Check light kit wiring connections; Replace remote batteries or re-pair remote; Contact customer support if LED driver is suspected.
Remote control not working	Dead batteries; Not paired; Obstruction	Replace batteries; Follow pairing instructions in the full manual; Remove any obstructions between remote and fan.

## 8. SPECIFICATIONS

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Detailed technical specifications for the Sofucor 52 Inch Ceiling Fan.

- **Model Name:** 52144
- **Product Dimensions:** 52"D x 52"W x 11.14"H
- **Item Weight:** 13.8 Pounds
- **Number of Blades:** 3
- **Power Source:** Corded Electric
- **Voltage:** 240 Volts
- **Wattage:** 26 Watt-hours
- **Control Method:** Remote
- **Number of Power Levels:** 6 (speeds)
- **Special Features:** Adjustable Color Temperature, Dimmable, Energy Efficient, Timer
- **Indoor/Outdoor Usage:** Indoor, Outdoor (covered)
- **Installation Type:** Flush Mount
- **Certification:** ETL



**Recommend room size:**

144 to 225 square feet

(12×12-15×15 FT)

**Ceiling height:**

8-9 FT



Image 8.1: Key dimensions of the Sofucor 52 Inch Ceiling Fan (52" diameter, 11.8" height) and recommended room size (144-225 sq ft) and ceiling height (8-9 ft).

# Energy-efficient DC motor

The energy-efficient motor helps reduce energy consumption and extends the ceiling fan lifespan



Image 8.2: The energy-efficient DC motor helps reduce energy consumption and extends the ceiling fan's lifespan, as indicated by its favorable energy rating.

## 9. WARRANTY AND SUPPORT

Sofucor provides comprehensive customer support for your product.

- **Warranty:** This product comes with a 3-year warranty.
- **Customer Support:** For any questions, issues, or assistance with installation, operation, or troubleshooting, please contact Sofucor customer support. Refer to the contact information provided in your product packaging or on the official Sofucor website.

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