

## Sofucor 52144-DC-MG

# Sofucor 52-Inch Flush Mount Ceiling Fan with Light

Model: 52144-DC-MG User Manual

## 1. INTRODUCTION

This manual provides detailed instructions for the safe installation, operation, and maintenance of your Sofucor 52-inch flush mount ceiling fan with integrated LED light. Please read this manual thoroughly before attempting installation or operation to ensure proper function and safety. Keep this manual for future reference.



Image 1.1: Sofucor 52-inch Flush Mount Ceiling Fan with Light.

## 2. SAFETY INFORMATION

---

**WARNING:** To reduce the risk of fire, electric shock, or personal injury, always follow these instructions:

- Ensure the main power supply is disconnected at the circuit breaker before installation or servicing.
- All wiring must be in accordance with national and local electrical codes. Consult a qualified electrician if you are unsure about wiring procedures.
- The ceiling fan must be mounted to a structure capable of supporting a minimum of 35 lbs (15.9 kg).
- Do not operate the fan with damaged blades or housing.
- Avoid placing objects in the path of the fan blades.
- This fan is designed for flush mounting only and is not suitable for sloped or vaulted ceilings.
- While rated for wet locations, ensure the fan is installed in a covered outdoor area and not directly exposed to water.

## 3. PACKAGE CONTENTS

---

Verify that all components listed below are included in your package. If any parts are missing or damaged, contact Sofucor customer support.

- DC Motor Assembly
- 3 x Fan Blades (Solid Wood)
- LED Light Kit and Lampshade
- Remote Control
- Mounting Hardware Kit
- User Manual (This document)



Image 3.1: Included Components.

## 4. PRODUCT OVERVIEW

The Sofucor 52-inch flush mount ceiling fan features a quiet DC motor, three solid wood blades, and an integrated dimmable LED light. It is designed for low-profile ceilings and offers multiple speed settings and a reversible function for year-round comfort.



Image 4.1: Detailed view of fan components.

## 5. INSTALLATION INSTRUCTIONS

---

Professional installation is recommended. Ensure power is OFF at the circuit breaker before beginning installation.

1. **Prepare the Mounting Location:** Ensure the electrical box is securely mounted to the building structure and can support the fan's weight.
2. **Install the Mounting Bracket:** Attach the mounting bracket to the electrical box using the provided screws and washers.
3. **Assemble Fan Blades:** Securely attach the three solid wood fan blades to the motor housing using the designated screws.
4. **Wire the Fan:** Connect the fan's electrical wires to the household wiring according to the wiring diagram in the full instruction manual. Ensure all connections are secure.
5. **Attach the Fan to the Mounting Bracket:** Carefully lift the fan assembly and secure it to the mounting bracket.
6. **Install the LED Light Kit:** Connect the LED light kit to the fan's wiring and secure the lampshade.
7. **Restore Power:** Once installation is complete and all connections are checked, restore power at the circuit breaker.



Image 5.1: Fan Installation Process.



## 6. OPERATING INSTRUCTIONS

Your Sofucor ceiling fan is operated using the included remote control. Ensure the remote has fresh batteries installed.

### 6.1 Remote Control Functions



Image 6.1: Remote Control Layout.

- **Fan ON/OFF:** Press the fan icon button to turn the fan on or off.
- **Fan Speed:** Buttons labeled 1-6 control the fan speed, from lowest (1) to highest (6).
- **Light ON/OFF:** Press the light bulb icon button to turn the light on or off.
- **Light Color Temperature:** The 'C/T' button cycles through 3000K (Warm Yellow), 4500K (Bright Daylight), and 6000K (Cool White) light options.
- **Light Dimming:** Use the dimming buttons (up/down arrows) to adjust light brightness from 0% to 100%. The fan features a light memory function, retaining the last setting when turned on again.
- **Timer Function:** Buttons labeled '1H', '4H', '8H' set the fan to automatically turn off after 1, 4, or 8 hours.
- **Reversible Motor:** The 'F/R' button changes the direction of the fan blades. In summer, blades rotate counter-clockwise for downward airflow. In winter, blades rotate clockwise for upward airflow to circulate warm air.
- **Natural Wind Mode:** The 'Wave' icon button simulates a natural breeze by varying fan speeds.

### 6.2 Reversible Motor Function

The reversible DC motor allows for year-round use. In summer, the fan creates a downward airflow for a cooling effect. In winter, reversing the blade direction circulates warm air trapped near the ceiling, helping to reduce heating costs.

# Reversible Motor



Image 6.2: Reversible Motor Operation.

## 6.3 Quiet Operation and Timer

The DC motor operates quietly, making it suitable for bedrooms and other quiet environments. The timer function allows you to set the fan to turn off automatically after a set period, promoting energy efficiency and undisturbed rest.

# Mute Motor & Timer Function

Very friendly to your sleep, work, reading, yoga, etc.



Image 6.3: Mute Motor and Timer Function.

## 7. MAINTENANCE AND CARE

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

- **Cleaning:** Periodically clean 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 Inspection:** Check fan blades for any cracks or damage. Replace damaged blades immediately.
- **Tighten Screws:** Periodically check and tighten all screws on the fan assembly to prevent loosening due to vibration.
- **LED Light Replacement:** The integrated LED light kit is replaceable. If replacement is needed, contact Sofucor support for compatible parts.



Image 7.1 : Replaceable LED Light Kit.

## 8. TROUBLESHOOTING

If you experience 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 issue	Check circuit breaker; Verify wiring connections; Replace remote batteries or re-pair remote.
Light does not work	Loose wiring; Faulty LED kit; Remote control issue	Check light wiring; Contact support for LED kit replacement; Check remote batteries.
Fan wobbles	Loose blades; Uneven blade weight; Loose mounting	Ensure blades are securely attached; Use balancing kit (if provided); Tighten mounting screws.
Remote not responding	Dead batteries; Not paired; Interference	Replace batteries; Follow pairing instructions in full manual; Reduce interference sources.

For further assistance, please contact Sofucor customer support.

## 9. SPECIFICATIONS

Feature	Detail
Brand	Sofucor
Model Number	52144-DC-MG
Product Dimensions	52"D x 52"W x 11.14"H
Color	Silver+gray
Electric Fan Design	Ceiling Fan
Power Source	DC
Style	With Light
Room Type	Bedroom, Dining Room, Farmhouse, Living Room, Patio



Feature	Detail
Noise Level	30 Decibels
Wattage	35 watts
Number of Blades	3
Air Flow Capacity	5030 Cubic Feet Per Minute
Voltage	120 Volts
Switch Type	Remote
Item Weight	12.6 Pounds
Indoor/Outdoor Usage	Indoor (Wet-rated for covered outdoor areas)
Control Method	Remote
Number of Power Levels	6
Installation Type	Flush Mounted
Special Features	3 light colors, dimmable, A+++ energy efficiency, quiet DC motor, modern blades, reversible function

## 10. WARRANTY AND SUPPORT

Sofucor provides a lifetime free replacement for the DC motor. For other components, please refer to the specific warranty terms provided with your purchase.

- **Motor:** Lifetime free replacement.
- **LED Light Board & Remote Control:** If damaged or lost, please contact Sofucor customer service for a free replacement.

For any questions, technical support, or warranty claims, please contact Sofucor customer service through the retailer where the product was purchased or visit the official Sofucor website.





Image 10.1: Motor Lifetime Free Replacement.



Image 10.2: LED Light Board and Remote Replacement.

## Related Documents - 52144-DC-MG

	<p><a href="#">Sofucor 52-Inch Ceiling Fan Use and Care Guide</a></p> <p>Comprehensive use and care guide for the Sofucor 52-inch DC ceiling fan, covering safety information, installation, operation, maintenance, and troubleshooting.</p>
	<p><a href="#">Sofucor 52-Inch Ceiling Fan Use and Care Guide</a></p> <p>Comprehensive use and care guide for the Sofucor 52-inch ceiling fan (Model 52144-W). Includes installation instructions, safety precautions, warranty information, troubleshooting, and maintenance tips.</p>
	<p><a href="#">Sofucor 52-Inch Ceiling Fan KBS-52104-DC-SN-YM-60 Use and Care Guide</a></p> <p>Comprehensive use and care guide for the Sofucor 52-inch ceiling fan, model KBS-52104-DC-SN-YM-60. Includes installation instructions, safety information, warranty details, operation, troubleshooting, and remote control usage.</p>
	<p><a href="#">Sofucor 52143-W 52-Inch Ceiling Fan Use and Care Guide</a></p> <p>Comprehensive use and care guide for the Sofucor 52143-W 52-inch ceiling fan. Includes installation instructions, safety precautions, warranty information, and troubleshooting tips.</p>

 <p>The image shows the cover of the 'USE AND CARE GUIDE' for the Sofucor KBS-52K131 ceiling fan. It features a black and white photograph of the fan with five blades. Text on the cover includes 'USE AND CARE GUIDE', 'KBS-52K131', 'Please scan the below QR code to get the video for easy installation.', 'Installation video', and a QR code.</p>	<p><a href="#">Sofucor KBS-52K131 Ceiling Fan Use and Care Guide</a></p> <p>Comprehensive use and care guide for the Sofucor KBS-52K131 ceiling fan, including installation instructions, safety information, warranty details, remote control operation, balancing, care, and troubleshooting.</p>
 <p>The image shows the cover of the 'USE AND CARE GUIDE' for the Sofucor KBS-52144 ceiling fan. It features a black and white photograph of the fan with three blades. Text on the cover includes 'USE AND CARE GUIDE', 'KBS-52144', '52-INCH CEILING FAN', and a QR code.</p>	<p><a href="#">Sofucor KBS-52144 Ceiling Fan Installation and Safety Manual</a></p> <p>Comprehensive guide for installing and maintaining the Sofucor KBS-52144 ceiling fan, including safety precautions, warranty information, and troubleshooting tips.</p>