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› **TCL 52" Low Profile Ceiling Fan with Light (Model: HFSB-60000AD-B) Instruction Manual**

TCL HFSB-60000AD-B

TCL 52" Low Profile Ceiling Fan with Light (Model: HFSB-60000AD-B) Instruction Manual

Your guide to installation, operation, and maintenance.

INTRODUCTION

This manual provides comprehensive instructions for the safe installation, operation, and maintenance of your TCL 52" Low Profile Ceiling Fan with Light. Please read all instructions carefully before beginning installation and retain this manual for future reference.



Image: The TCL 52-inch Low Profile Ceiling Fan with Light in black, showcasing its five blades and integrated LED light. The remote control, product box, and reversible blades (black and walnut finishes) are also displayed.

SAFETY INFORMATION

Always follow basic safety precautions when installing and operating electrical appliances to reduce the risk of fire, electric shock, and personal injury.

- Ensure power 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 fan must be mounted with a minimum of 7 feet (2.1 meters) clearance from the floor to the blades.
- Do not bend the blade holders during installation or cleaning.
- This fan is suitable for indoor use and covered outdoor areas (e.g., patios, porches, gazebos) but should not be exposed to direct rain.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- 1 x Ceiling Fan with 5 Blades
- 1 x LED Integrated Light Kit
- 1 x Remote Control and Holder (equipped with battery)
- 1 x Instruction Manual
- Mounting Hardware (screws, wire nuts, etc.)

PRODUCT FEATURES

- **Ultra-Slim Low Profile:** Total height of 8.26 inches, ideal for rooms with lower ceilings.
- **Dual-Finish Reversible Blades:** Five blades with Walnut on one side and Black on the other, allowing for versatile styling.
- **Intelligent DC Reversible Motor:** Consumes up to 80% less energy than traditional AC fans. Provides powerful downdraft for summer cooling and upward airflow for winter heat distribution.
- **Dimmable 3-Color LED Light:** Integrated 24W LED light with adjustable brightness (10% to 100%) and three color temperatures (3000K Warm Glow, 4000K Natural Daylight, 6500K Crisp White).
- **6 Fan Speeds:** Offers a range of airflow options from gentle sleep wind to strong wind.
- **Remote Control:** Full control over fan speeds, light functions, and a 1/4-hour sleep timer.
- **Quiet Operation:** Designed for noiseless performance (as low as 25dB).
- **Indoor & Covered Outdoor Ready:** Suitable for various indoor rooms and covered outdoor spaces.

TCL | 

Worldwide Olympic Partner

52" | Ultra-Slim

Low Profile Ceiling Fan.

8.26 in
Height

29%
Lower than other

11.8 in
Larger
lighting panel

36%
Larger
light area

> 144-324ft² Space

6 Speed Adjustable



2400 Lumens
As bright as a 24w light bulb
3CCT Dimmable

25db
Super Quiet



Remote Control



1h/4H
Timer



DC
Motors



Dual-sided
Blades



Certification
ETL | FCC



Not suitable for 220v. Not for slope ceiling. No extension pole.

Image: Visual representation of the fan's ultra-slim profile (8.26 inches height, 52 inches diameter), 6 adjustable speeds, remote control, 2400 lumens 3CCT dimmable LED, 25dB super quiet operation, dual-sided blades, DC motor, and ETL/FCC certification.

SETUP AND INSTALLATION

Installation is designed to be straightforward. Refer to the included instruction manual for detailed diagrams. Ensure power is OFF at the circuit breaker before starting.

- 1. Prepare the Mounting Location:** Ensure the electrical box is securely mounted and capable of supporting the fan's weight.
- 2. Install the Mounting Bracket:** Attach the mounting bracket to the electrical box using the provided screws.

3. **Assemble Fan Blades:** Attach the fan blades to the motor housing. Choose your preferred blade finish (Walnut or Black).
4. **Wire the Fan:** Connect the fan's wiring to the household wiring according to local electrical codes. Ensure proper grounding.
5. **Mount the Fan:** Carefully lift the fan assembly and secure it to the mounting bracket.
6. **Install the LED Light Kit:** Connect the LED light kit wiring and attach it to the fan housing.
7. **Attach the Light Cover:** Secure the light cover to the fan.

Safe And Easy Installation

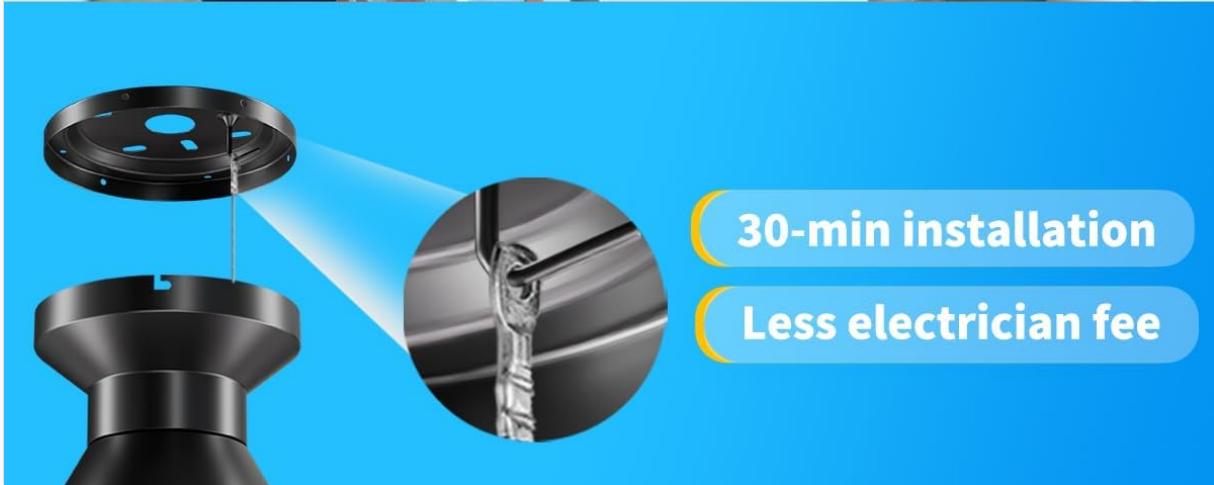


Image: A person installing the TCL ceiling fan, highlighting the ease of installation with a 30-minute estimated time. The image also shows the mounting bracket and how the fan attaches to the ceiling.

[Installation Video](#)

Your browser does not support the video tag.

Video: An official TCL installation guide for the 52-inch Ceiling Fan with Lights, demonstrating the step-by-step process.

OPERATING INSTRUCTIONS

Your TCL ceiling fan is operated using the included remote control.

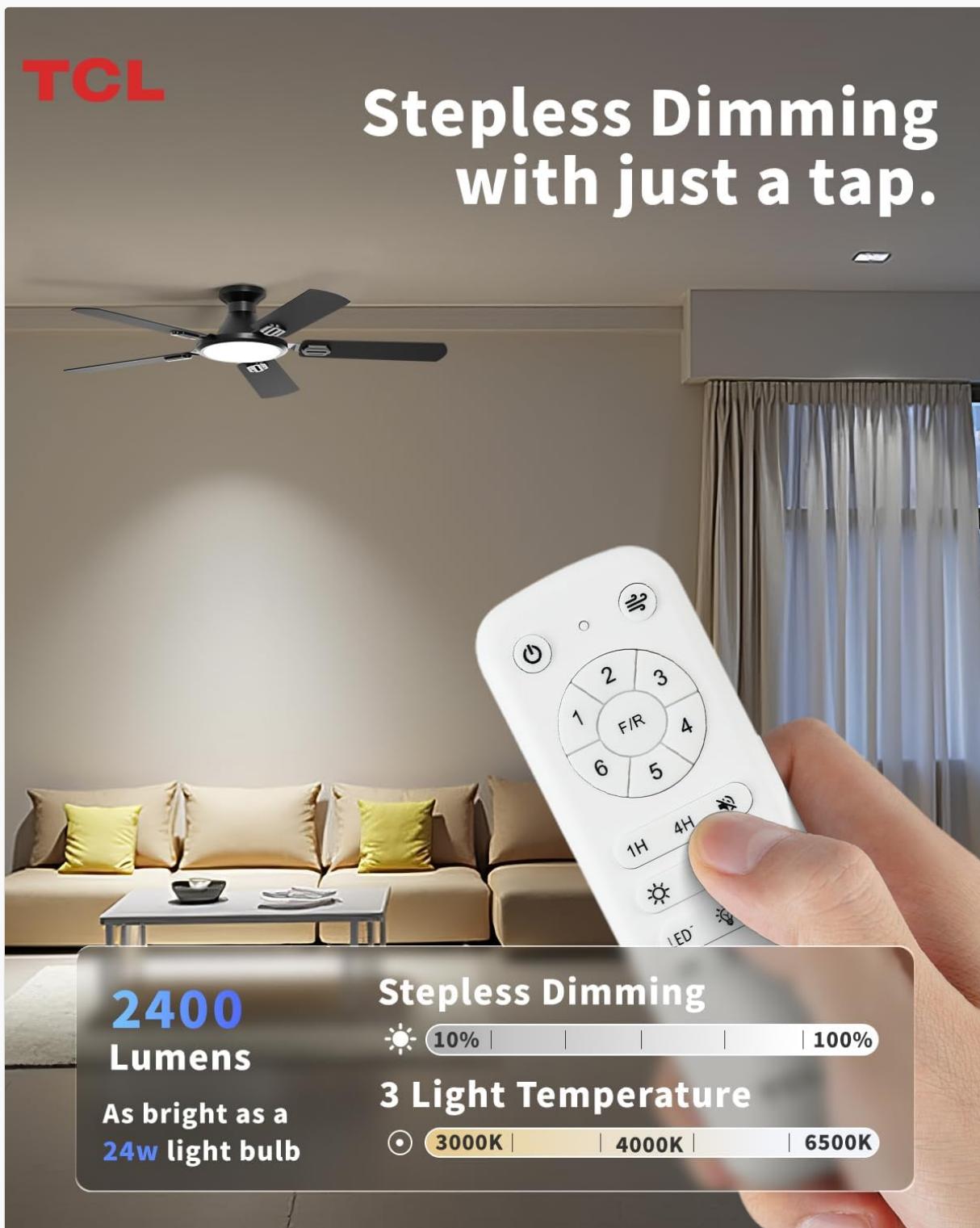


Image: The remote control for the TCL ceiling fan, illustrating buttons for fan speeds, light dimming, color temperature adjustment, and timer settings.

- **Power On/Off:** Press the power button to turn the fan and light on or off.
- **Fan Speed:** Use buttons 1-6 to select desired fan speed.

- **Fan Reverse (F/R):** Press the F/R button to switch between summer (downdraft) and winter (updraft) modes.
- **Light On/Off:** Press the light bulb icon to turn the light on or off independently.
- **Light Brightness:** Use the '+' and '-' buttons to adjust the light brightness (10%-100%).
- **Light Color Temperature:** Press the sun icon to cycle through 3000K (Warm), 4000K (Natural), and 6500K (Cool) light.
- **Timer:** Set the fan to automatically turn off after 1 hour or 4 hours using the '1H' and '4H' buttons.
- **Mute:** Press the speaker icon to turn off beeping sounds from the remote.

Remote Control Pairing

If the remote control is not responding, ensure batteries are correctly installed and have sufficient power. To pair the remote with the fan:

1. Turn off the fan light's power at the wall switch for over 5 seconds to clear its memory.
2. Turn the fan light's power back ON.
3. Immediately press and hold the remote's "On/Off" button until a 'Bee' confirmation tone is heard. This indicates successful pairing.

Your browser does not support the video tag.

Video: An official TCL guide demonstrating how to initialize and match the code of the remote control (emitter) with the fan (receiver).

MAINTENANCE

- **Cleaning:** To clean the fan, wipe with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Blade Care:** Periodically check that all blade screws are tight. Loose screws can cause the fan to wobble or make noise.
- **LED Module:** The integrated LED module is replaceable if needed.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Fan does not start	No power to the fan; Loose wire connections; Remote not paired.	Check circuit breaker; Verify all wire connections are secure; Pair the remote control (see Operating Instructions).
Fan wobbles	Loose blade screws; Improperly mounted mounting bracket.	Tighten all blade screws; Ensure mounting bracket is securely fastened to the electrical box.
Light does not work	Loose wire connection to light kit; Faulty LED module.	Check light kit wiring; Replace LED module if necessary.
Remote not working	Dead batteries; Remote not paired; Obstruction between remote and receiver.	Replace batteries; Pair the remote control (see Operating Instructions); Ensure clear line of sight.

SPECIFICATIONS

Brand	TCL
Model Name	HFSB-60000AD-B
Color	Black
Size	52 inch
Product Dimensions	52"D x 52"W x 8.26"H
Motor Type	DC
Number of Blades	5
Number of Power Levels	6
Wattage	54 watts
Noise Level	30 Decibels
Special Feature	LED Light, Remote Controlled
Installation Type	Flush Mount
Indoor/Outdoor Usage	Indoor (Covered Outdoor Ready)
UPC	846042019620

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the contact details provided in your product packaging or visit the official TCL website. Keep your purchase receipt for warranty claims.

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