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› Avatar Controls Smart 50-inch Ceiling Fan with Light (Model AFL50L) User Manual

Avatar Controls AFL50L

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Model: AFL50L

1. SAFETY INFORMATION

Please read and understand this entire manual before attempting to assemble, operate, or install the product. Failure to do so could lead to electric shock, fire, or serious injury.

- Ensure all electrical connections comply with local codes and ordinances, and with the National Electrical Code (NEC).
- Consult a qualified electrician if you are unfamiliar with electrical wiring.
- Disconnect power at the main circuit breaker before installation or servicing.
- The ceiling fan must be mounted to a support structure capable of holding at least 35 lbs (15.9 kg).
- Do not operate the fan with damaged power cords or plugs.
- Keep hands, feet, and other objects away from the rotating fan blades during operation.

2. PRODUCT OVERVIEW

The Avatar Controls Smart 50-inch Ceiling Fan with Light (Model AFL50L) is designed for indoor use, offering multiple control methods, adjustable fan speeds, and efficient LED lighting. It features a reversible DC motor for year-round comfort.

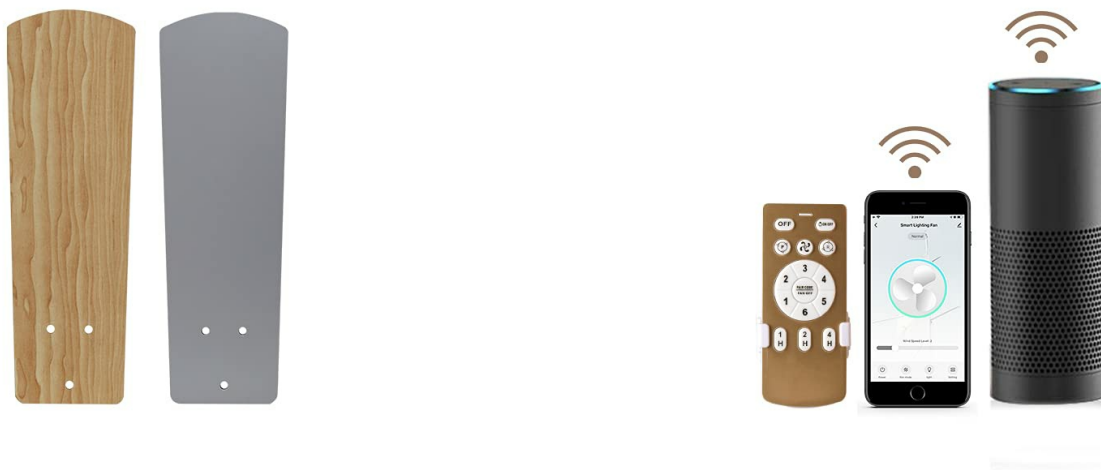


Image: The Avatar Controls Smart 50-inch Ceiling Fan with Light, showcasing its modern design and integrated LED light.

Key Features:

- **Multiple Control Methods:** Operates via remote control, Avatar Controls APP, Amazon Alexa, and Google Home.
- **Reversible DC Motor:** Features 6 speeds and two rotation modes (forward for cooling, reverse for air circulation).
- **Integrated LED Light:** 1800 lumens bright, 3000K warm white light, with a CRI of 80 for good color reproduction.
- **Energy-Saving Design:** Includes natural breeze mode and a countdown shutdown function.
- **5 Wooden Blades:** Lightweight and designed for efficient air movement.

Natural Wood Grain



Concise Silver



AVAILABLE ON BOTH SIDES

Choose the Side You Like

Image: Illustration showing the reversible airflow feature of the fan blades for optimal comfort in both summer and winter.

3. SETUP AND INSTALLATION

Before beginning installation, ensure all components are present and power is disconnected at the circuit breaker.

Tools Required:

- Phillips screwdriver
- Flat blade screwdriver
- Pliers
- Wire Strippers
- Ladder
- Electrical tape
- Power Drill (optional)
- 9/64" Drill Bit (optional, if mounting to a support structure)

Installation Steps:

1. **Install the Mounting Bracket:** Secure the mounting bracket to the ceiling outlet box using wood screws and flat

washers. Ensure power is cut off before installation.

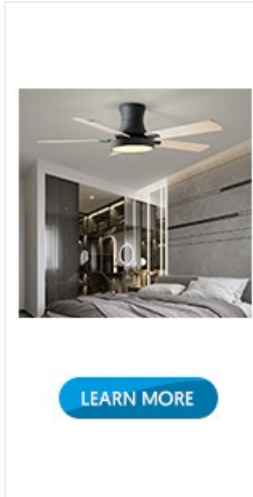


Image: Step 1 - Mounting bracket installation.

2. **Hang Motor Housing:** Carefully hang the motor housing onto the hook of the mounting bracket.
3. **Wiring:** Connect the electrical wires from the ceiling to the receiver, and from the receiver to the fan motor, following the provided wiring diagram (white to white, black to black, blue to blue, UVW to UVW).



Image: Steps 2-4 - Hanging motor housing, wiring, and controller box placement.

4. **Place Controller Box:** Insert the controller box into the motor housing.
5. **Install Motor Housing:** Secure the motor housing to the mounting bracket.
6. **Assemble Fan Blades:** Attach the blade iron to each blade using the provided screws and washers. Ensure the labeled side of the blade iron is facing up.
7. **Install Fan Blades:** Secure each assembled blade to the fan motor using the blade iron screws.



Image: Steps 5-7 - Motor housing installation and fan blade assembly.

8. **Install Lamp Housing:** Attach the lamp housing to the fan motor using screws.
9. **Install LED Lamp Panel:** Connect and install the LED lamp panel into the lamp housing.
10. **Install Lampshade:** Secure the lampshade to the lamp housing.



Image: Steps 8-10 - Lamp housing, LED panel, and lampshade installation.

Video: Quick Installation Guide



Video: A quick installation guide for the Avatar Controls 50-inch Smart Ceiling Fan, demonstrating the assembly process.

4. OPERATING INSTRUCTIONS

The Avatar Controls Smart Ceiling Fan offers multiple ways to control its functions.

4.1 Remote Control Operation

The included remote control allows direct access to all fan and light functions.

CONTROL WITH...

*Wall Mounted IR Remote
Smart "Avatar Controls" APP
Voice with Alexa and Google*

Alexa, set ceiling fan speed to 6 Hey Google, turn on light on ceiling fan

WORKS WITH amazon alexa works with the Google Assistant

Image: The remote control and a smartphone displaying the Avatar Controls app interface for fan and light control.

- **Power On/Off:** Press the 'OFF' button to turn off both fan and light, or 'ON/OFF' for the light only.
- **Fan Speed:** Select speeds 1-6.
- **Fan Direction:** Use the 'Fan Forward' or 'Fan Reverse' buttons to change blade rotation.
- **Natural Wind:** Activates a fluctuating fan speed to simulate natural breezes.
- **Timer:** Set the fan to turn off after 1, 2, or 4 hours.
- **Pair Code:** Used for pairing the remote with the fan.

4.2 Avatar Controls App Operation

Download the Avatar Controls app from your smartphone's app store to control the fan from anywhere.

1. **Pairing the Remote:** After powering the fan off and on, press the 'PAIR CODE' button on the remote within 3 seconds until you hear two 'beepbeep' sounds.
2. **Activating Network Pairing Mode:** Power off and on the smart ceiling fan again. Then press the remote 'OFF' key for 5 seconds until the smart ceiling fan makes a 'drop' sound. This indicates the fan has entered network pairing mode.
3. **Adding Device in App:**

- Enable Bluetooth on your phone.
- Tap the '+' symbol in the app to add a device.
- Tap 'Auto Scan'.
- Tap 'Next'.
- Enter your Wi-Fi password (supports 2.4GHz networks).
- The app will connect to the device.
- Once connected, you can control the fan.

Video: Remote and App Control Guide



Video: Demonstrates how to pair the remote control and connect the smart ceiling fan to the Avatar Controls app for full functionality.

4.3 Voice Control (Alexa & Google Home)

Once connected to the Avatar Controls app, you can link your fan to Amazon Alexa or Google Home for voice commands.

- **Voice Commands:** Use commands like "Alexa, turn on the ceiling fan," "Hey Google, set fan speed to 3," "Alexa, turn off the ceiling fan light," etc.

5. MAINTENANCE

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

- **Cleaning:** Use a soft, damp cloth to clean the fan blades and motor housing. Do not use abrasive cleaners or solvents.
- **Blade Inspection:** Periodically check the blade screws for tightness. Loose screws can cause wobbling and noise.
- **Light Cover:** Ensure the lampshade is securely attached.
- **Dusting:** Regularly dust the fan to prevent accumulation, which can affect performance and appearance.

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; Verify wiring connections; Re-pair remote control.
Fan wobbles	Loose blade screws; Unbalanced blades; Improper mounting.	Tighten all blade screws; Check blade balance; Ensure mounting bracket is secure.
Light does not work	Loose wiring; LED panel issue.	Check light wiring connections; Contact support if LED panel is faulty.
Cannot connect to App/Wi-Fi	Incorrect Wi-Fi password; Router is 5GHz only; Fan not in pairing mode.	Verify Wi-Fi password; Ensure router supports 2.4GHz; Follow app pairing instructions carefully.
Remote not responding	Dead batteries; Remote not paired.	Replace batteries (2x AAA); Re-pair remote control.

7. SPECIFICATIONS

Dimension



Room Size

*Average Room
15ft x 15ft to
17ft x 17ft*



Image: Dimensions of the fan and recommended room size (15x15ft to 17x17ft).

Feature	Detail
Model Number	AFL50L
Brand	Avatar Controls
Product Dimensions	50"D x 50"W x 12.2"H (approximate, based on blade span)
Item Weight	15 Pounds
Color	Black
Material	Aluminum, Engineered Wood, Iron, Plastic (Blades: Wood)
Power Source	AC
Voltage	120V
Wattage	25 watts (motor)

Feature	Detail
Number of Blades	5
Number of Speeds	6
Light Output	1800 Lumens, 3000K Warm White LED
Control Method	App, Remote, Voice (Alexa, Google Assistant)
Mounting Type	Flush Mount
Indoor/Outdoor Usage	Indoor

8. WARRANTY INFORMATION

This Avatar Controls Smart 50-inch Ceiling Fan (Model AFL50L) comes with a **1-year manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

The warranty does not cover:

- Damage caused by improper installation or maintenance.
- Damage caused by accident, abuse, misuse, or natural disasters.
- Unauthorized repairs or modifications.
- Normal wear and tear.

Please retain your proof of purchase for warranty claims.

9. SUPPORT

For further assistance, technical support, or warranty inquiries, please contact Avatar Controls customer service.

- **Online Support:** Visit the official Avatar Controls website for FAQs and support resources.
- **Email Support:** Refer to your product packaging or the official website for customer service email addresses.
- **Phone Support:** Check the official website for available phone support numbers and operating hours.

When contacting support, please have your product model number (AFL50L) and proof of purchase ready.