



Smart Ceiling Fan

User Manual

* Read this owner's manual thoroughly before operating the appliance and keep it handy for reference at all times.

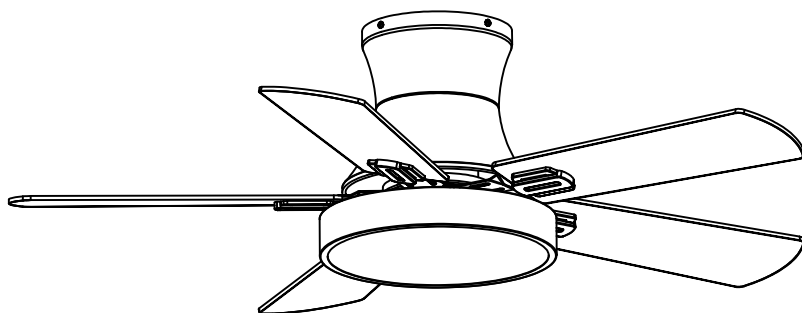


TABLE OF CONTENTS

SAFETY INSTRUCTIONS	1
• IMPORTANT SAFETY INSTRUCTIONS	1
PRODUCT OVERVIEW	5
• Parts and Accessories	5
• Specifications	6
INSTALLATION GUIDE	7
• Hanger Options	8
• Hanging Motor housing	9
• Wiring [continued]	9
• The controller installation	10
• Installing Motor housing	10
• Attaching the Fan Blades	10
• Blade assembly installation	11
• Switch housing installation	11
• The LED installation	11
• The lampshade installation	12
Remote Configuration	13
APP Connection	14

* This manual may contain images or content different from the model you purchased.

* This manual is subject to revision by the manufacturer.

SAFETY INSTRUCTIONS

The following safety guidelines are intended to prevent unforeseen risks or damage from unsafe or incorrect operation of the appliance. The guidelines are separated into 'WARNING' and 'CAUTION' as described below.



This symbol is displayed to indicate matters and operations that can cause risk. Read the part with this symbol carefully and follow the instructions in order to avoid risk.



WARNING

This indicates that the failure to follow the instructions can cause serious injury or death.



CAUTION

This indicates that the failure to follow the instructions can cause the minor injury or damage to the product.

IMPORTANT SAFETY INSTRUCTIONS



WARNING

To reduce the risk of explosion, fire, death, electric shock, injury or scalding to persons when using this product, follow basic precautions, including the following:

Children in the Household

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

Installation

- Electrical or installation work needs to be performed by a qualified service personnel.
- Do not install the appliance less than 2.3 m from the ground and 1 m from the wall to the blades.
- Do not install the appliance with dimmer switch.
- Ensure that the ceiling hook can sustain more than 10 times the appliance weight.
- Ensure that the shaft has been fully tighten to motor shaft and shackle.
- Firmly tighten the blade screws using a screwdriver.
- Do not install the appliance in a place where flammable liquids or gases such as gasoline, propane, paint thinner, etc., are stored.
- Do not install the appliance somewhere exposed to direct sunlight.
- Do not install the appliance in an area prone to combustible gas leaks, grease, or metal dust.

Operation

- Connect this appliance as per the rated voltage and frequency printed on the name plate.
- Do not touch the power switch with wet hands.
- Do not disassemble, repair, modify or touch the appliance while it is operating.
- Do not insert hands or any objects into the appliance.
- Do not place any objects on the appliance.
- Do not use or store flammable or combustible substances [ether, benzene, alcohol, chemical, LPG, combustible spray, insecticide, air freshener, cosmetics, etc.] near the appliance.
- If there is a gas leakage (isobutane, propane, natural gas, etc.), do not touch the appliance or power switch and ventilate the area immediately.
- Cut off the power supply if there is any noise, smell, or smoke coming from the appliance.
- Do not expose the appliance to splashing water or rain.
- Do not touch, operate, or repair the appliance with wet hands.

- Dispose of all packaging materials (such as plastic bags and styrofoam) away from children. The packaging materials can cause suffocation.

Maintenance

- Before cleaning or performing maintenance, disconnect the power supply and wait until the blade stops.
- Do not use an abrasive cloth, sponge, or a metal brush to clean the appliance.

Battery

- 2 AAA batteries are used in the remote controller of the appliance. This battery is not rechargeable. May explode or leak if charged, connected reversely, disposed of in fire.
- Replace the all batteries in the remote controller with new ones of the same type. Do not mix old and new batteries or different types of batteries.



CAUTION

To reduce the risk of minor injury to persons, malfunction, or damage to the product or property when using this product, follow basic precautions, including the following:

Installation

- Do not install the appliance at a wet, high temperature, high humidity area, high vibration, windy places.
- Do not install the appliance in freezing temperature.
- Do not install the appliance on or near items that may be damaged or discolored by heat or humidity.
- Do not install the appliance near curtains.
- Do not install the appliance within 1 m of a TV or stereo equipment. It may cause interference.

- After installation make sure the appliance does not tremble extremely.

Operation

- Do not use the appliance in place of a vent hood. Doing so will shorten the appliance's lifespan.
- Do not operate in an area with unstable voltage, the appliance may automatically shut down to protect appliance components.
- This appliance is intended to be used in household and domestic applications only and must not be used for commercial purposes.

Maintenance

- Replace all the blades if any of them breaks or cracks.
- Never use strong cleaning agents or solvents when cleaning the pliance. Use a smooth cloth.
- Use a sturdy stool or ladder, when cleaning, maintaining or repairing the ceiling fan at height.

Battery

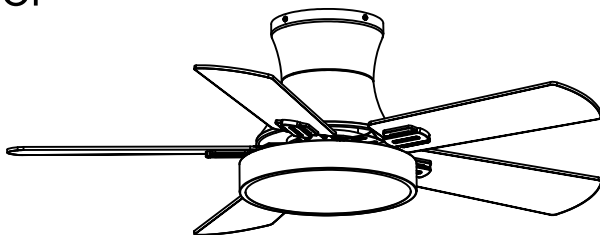
- Do not modify the battery arbitrarily.
- Misplaced battery may cause an explosion.
- Do not recharge or take apart the battery.
- Do not throw the battery in the fire for disposal or leave it near the heat.
- Remove and store the battery in a safe location if you don't intend to use the remote controller for a long time.



PRODUCT OVERVIEW

1. Parts and Accessories

Exterior



Parts

A 

Mounting Bracket
x 1 PCS

B 

Motor Housing
x 1 PCS

C 

Blade Iron
x 5 PCS

D 

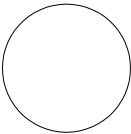
Blades
x 5 PCS

E 

Medallion
x 5 PCS

F 

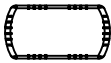
Switch Housing
x 1 PCS

G 

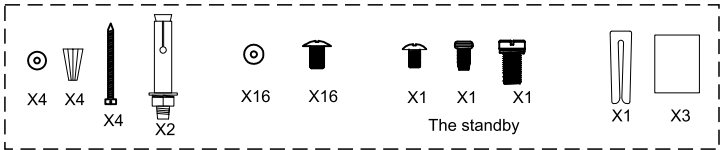
Lamp Shade
x 1 PCS

H 

LED Panel
x 1 PCS

I 

Receiver
x 1 PCS

J 

Screw Package

Accessories



Remote Controller x 1



Holder x 1



Battery x 2



User Manual x 1

2. Specifications

Thank you for purchasing our smart ceiling fan! Please check the accessories list immediately after unpacking.

Parameters	Values	
Model Number	AFL44L	AFL50L
Item Weight[Net]	12.5 pounds	12.7 pounds
Size	44 inches	50 inches
Color	Matte Black, Wood Grain Blades	
Style	Contemporary	
Material	Metal, Wood Laminate	
Power Source	AC	
Voltage	120 Volts	
Wattage	25 watts	
Type of Source	LED Panel, 24 watts	
Luminous Flux	1800 Lumen	
Lamp Temp.	3000K	
Plug Profile	Downrod Mount	
Usage	Ceiling Fan	
Batteries Included?	Yes, AAA 1.5V x 2PCS	
Special Features	Reversible Airflow Remote Control App Control Anywhere Works with Amazon Alexa Works with Google Assistant	

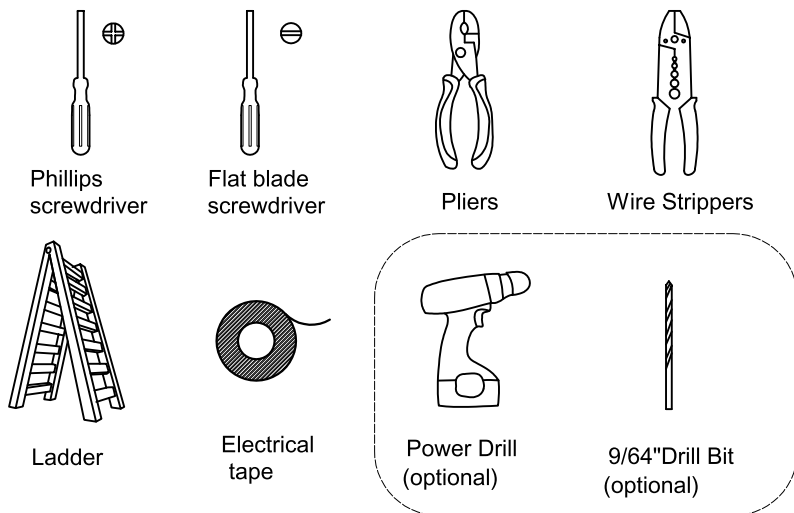
NOTE

Specified weight may differ from actual weight.



INSTALLATION GUIDE

Tools Required



If mounting to a support structure, you will also need these tools.

If there is no existing mounting box, then read the following instructions. Disconnect the power by removing the fuses or by turning off the circuit breakers.

Secured the outlet box directly to the building structure. Use appropriate fasteners and building materials. The outlet box and its support must be able to fully support the moving weight of the fan[at least 35 lbs]. Do not use plastic outlet boxes.



WARNING

To reduce the risk of fire, electric shock, or other personal injury, mount fan only to an outlet box marked acceptable for fan support and use the mounting screws provided with the outlet box outlet boxes commonly used for the support of lighting fixtures maynot be acceptable for fan support and may need to be replaced. Consult a qualified electrician if in doubt.

1.Hanger Options



To avoid possible electrical shock, before installing your fan, disconnect the power by turning off the circuit breakers to the outlet box associated with the Wall switch location.

a. Installing the mounting bracket

Step 1. Pass the power wires through the hole in the mounting bracket as shown in Fig.1.

Step2. Secure the mounting bracket to the ceiling outlet box with the wood screws and flat washer provided with your outlet box.

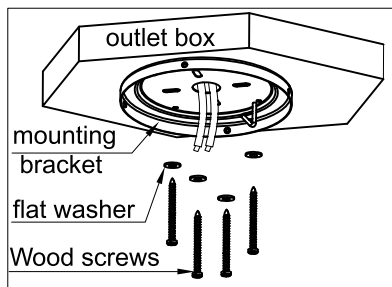


Fig.1

b. Installing the mounting bracket

When the case of concrete ceiling, use a drill hole drilled in the ceiling of two $\varnothing 8$ (distance between the two holes should be appropriate), expansion screw into the hole, then put the mounting bracket expansion screw set into the turn flat washers and nuts and tighten with a spanner.

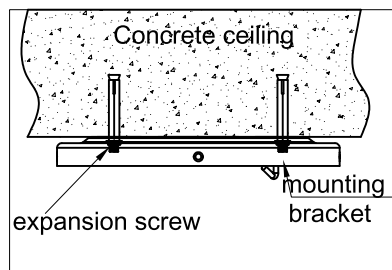


Fig.2

c. Installing the mounting bracket

The ceiling is made of wood, please lock with a screwdriver mounting bracket on the ceiling(Figure 3), Parts bag flat washer set into the wood screws.

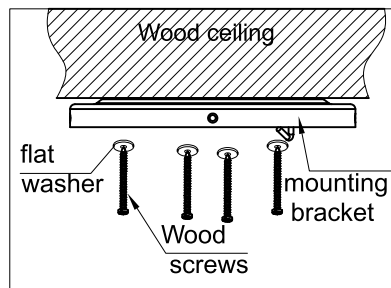


Fig.3

2. Hanging Motor housing

Lift the Motor housing and hang it on the hook of the mounting bracket.

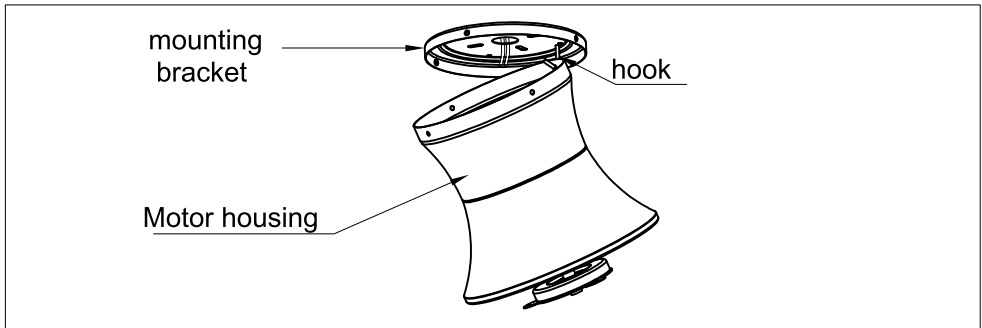
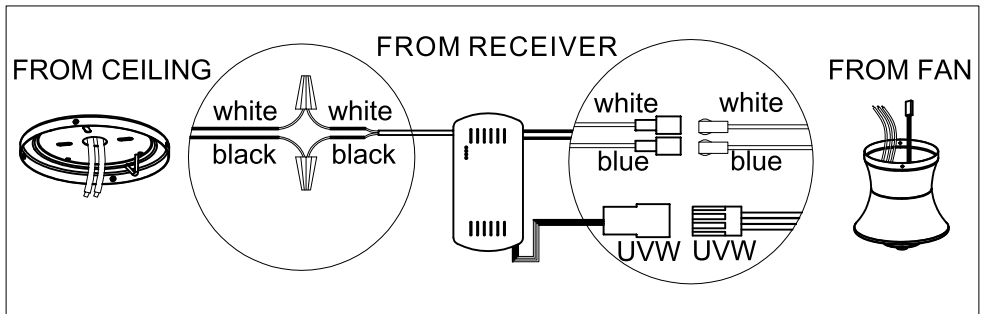


Fig.4

3. Wiring (continued)

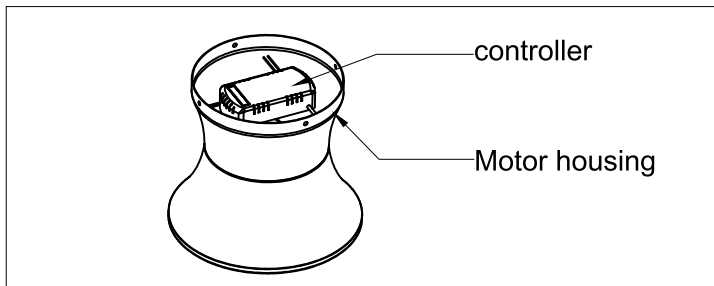


(Fig.5)

- ❶ Connect the 2 grounding wires [green, green/yellow stripe, or bare copper] coming from the ceiling, downrod, and hanger.
- ❷ Connect the white wire from the receiver to the white wire from the fan.
- ❸ Connect the blue wire from the receiver to the blue wire from the fan.
- ❹ Connect the UVW wire from the receiver to the UVW wire from the fan.
- ❺ Connect the blue wire from the receiver to the white wire from the ceiling.
- ❻ Connect the briwb wire from the receiver to the black wire from the ceiling.

4.The controller installation

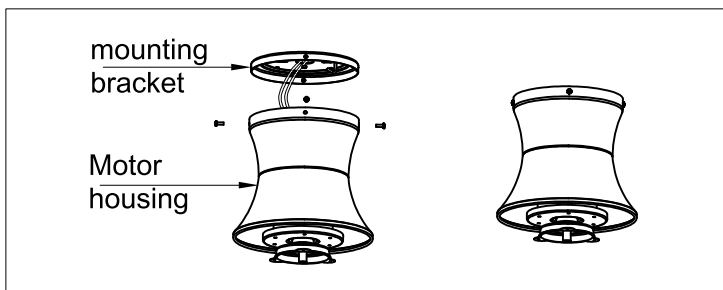
Put the controller in the Motor housing after the wire is connected



(Fig.6)

5.Installing Motor housing

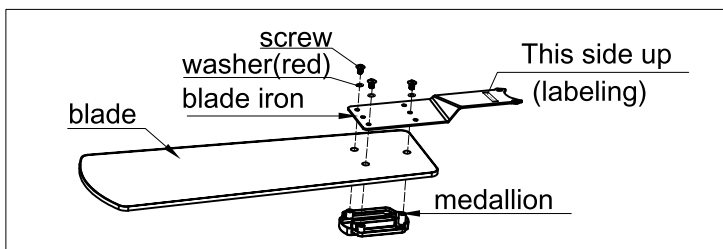
Remove the motor housing from the hook and align it with the mounting bracket hole of the suspension plate and tighten it with screws.



(Fig.7)

6.Attaching the Fan Blades

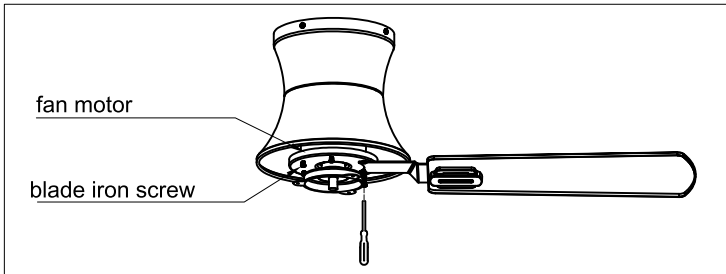
Place each blade between a blade iron and medallion. Install three blade screws and washers, found in the hardware bag, to attach the medallion to the blade iron. Repeat steps for the remaining blades.



(Fig.8)

7. Blade assembly installation

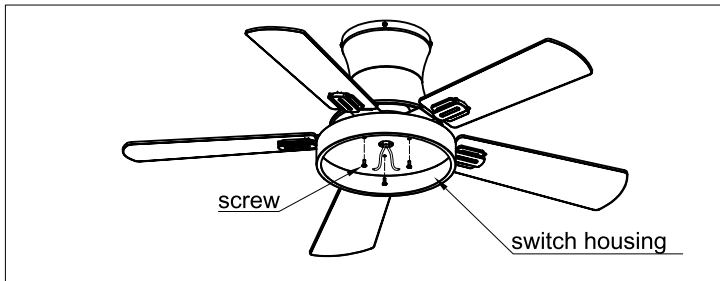
- ❶ Remove blade iron screws from fan motor
- ❷ Attach the blade irons to the motor with blade iron screws
- ❸ Repeat this step for each blade assembly



(Fig.9)

8. Switch housing installation

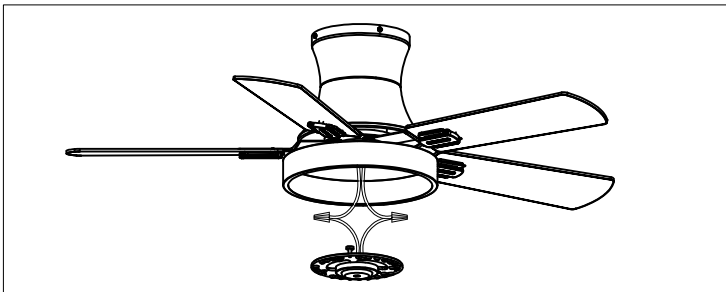
- ❶ Feed the wire through the center hole of the switch housing
- ❷ Attach the switch housing to the motor with screws



(Fig.10)

9. The LED installation

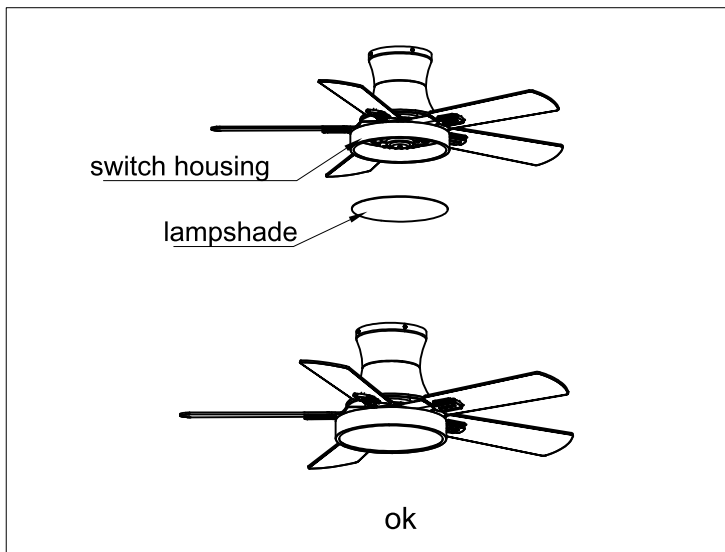
- ❶ Connect the wire from fan to LED. Blue to black, white to white
- ❷ The LED is attracted to the switch housing by a magnet



(Fig.11)

10. The lampshade installation

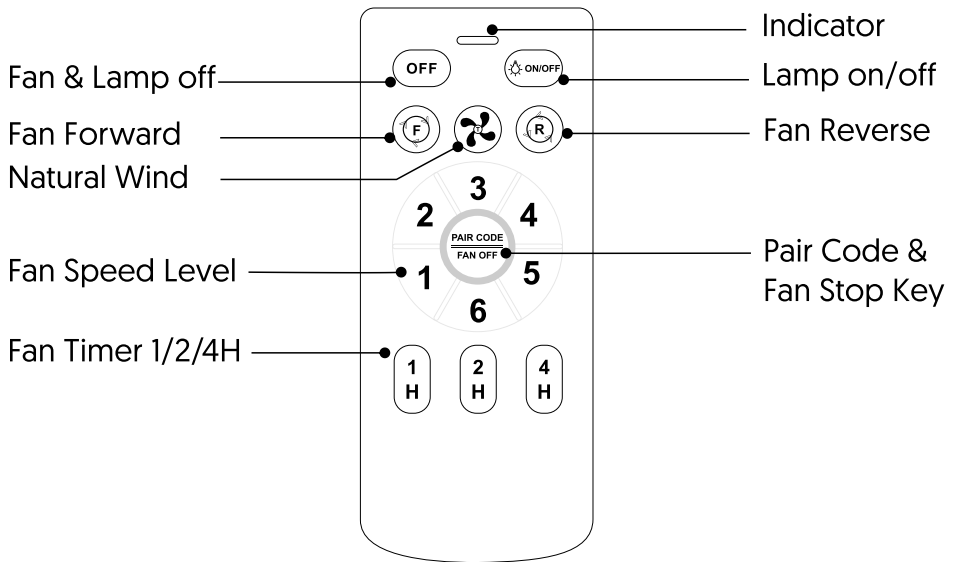
Bend the lampshade properly and then put it in the switch housing.



(Fig.12)

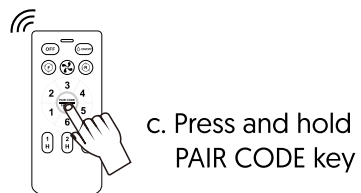
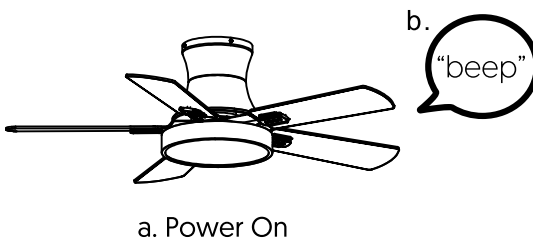
Remote Configuration

1. Diagram of Remote



2. How to pair smart ceiling fan with remote controller?

When the ceiling fan is powered on, you will hear a sound of “beep” in **3 seconds**, press the key of the **PAIR CODE** until you hear two sounds of “beep beep”, done.



APP Connection

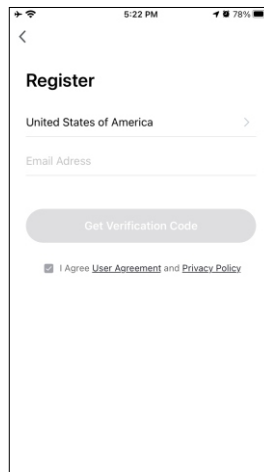
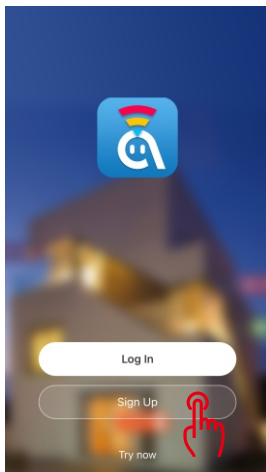
1. Download AvatarControls App

Download AvatarControls from Apple Store or Google Play Store or scan the QR code below to install the Avatar Controls APP for either iOS or Android.



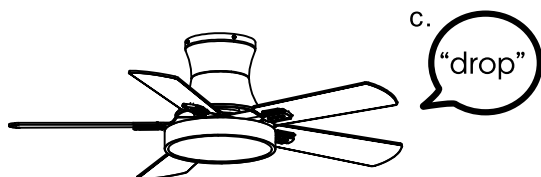
2. Register an account in AvatarControls APP

- ❶ Open AvatarControls APP into account registration page, click on the "Sign Up"
- ❷ At the registration page, select your region and enter the email to create a new account.
- ❸ After successful registration, you can add device on your APP now.

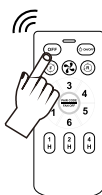


3. Activate smart ceiling fan to network pairing mode

Power on the smart ceiling fan again, then press the remote **OFF** key for 5 seconds until the smart ceiling fan makes a “drop” sound, that’s mean the smart ceiling fan has entered the network pairing mode.



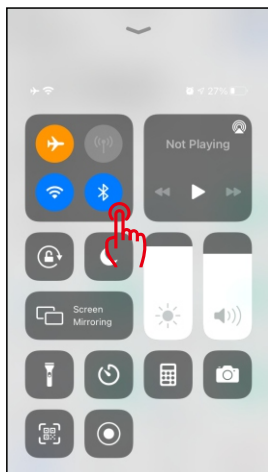
a. Power off and on again



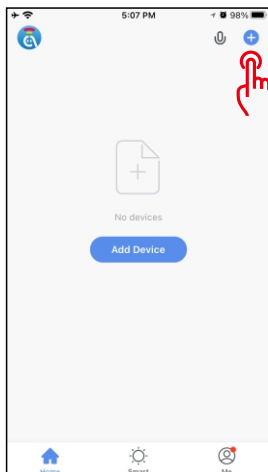
b. Press and hold OFF key 5s

4. Add device in AvatarControls App

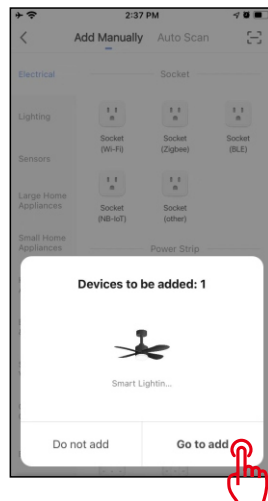
a. enabled bluetooth



b. tap “+” icon



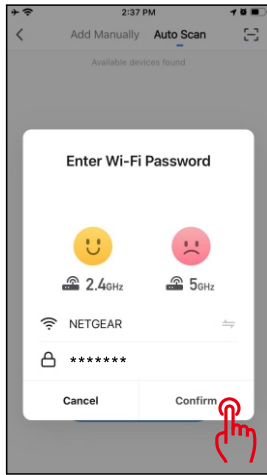
c. tap “go to add”



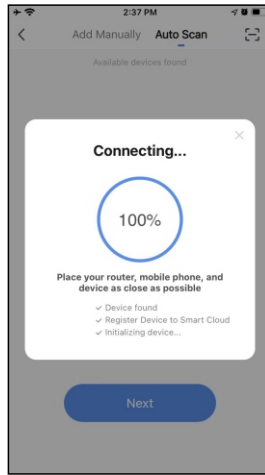
NOTE:

The router WiFi can not be set to the hidden state, and the WiFi must be 2.4G network. The product does not support 5G network temporarily. The WiFi hidden state controller cannot be successfully distributed, and the router WiFi name must be in English.

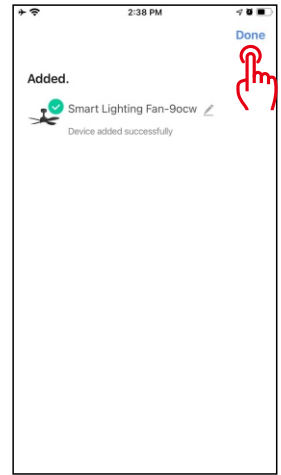
d. enter Wi-Fi password



e. connecting



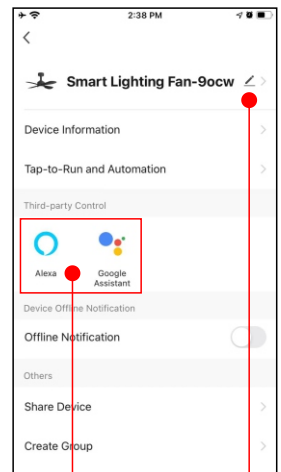
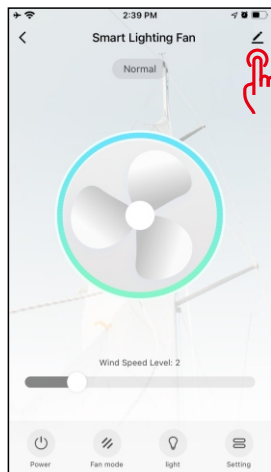
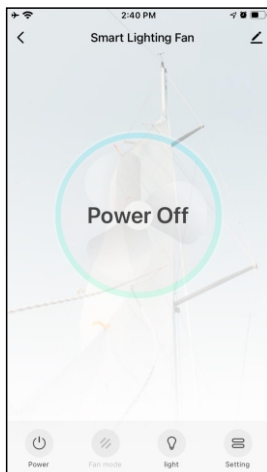
f. done



5. App cPanel

After the device be added successfully, you can control ceiling fan power on/off, wind speed level (level 1-6), fan mode(normal or nature), lamp on/off and fan direction[forward or reverse].

You also can tap  icon to device attribute page to get more function configurations, like device rename, 3rd-party control, share device, create group etc.

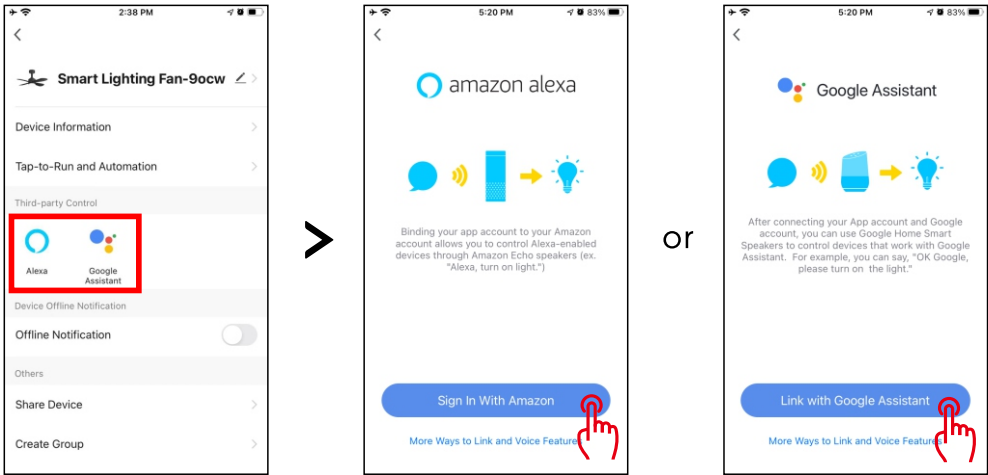


Link to Alexa/Google Assistant

Rename

5. How to works with Amazon Alexa/Google Assistant?

- ❶ Tap the “✎” icon of the smart ceiling fan main panel
- ❷ Tap the 3rd-party control Alexa or Google icon to be operated
- ❸ Sign in with your Amazon Alexa or Google account.



Now you can use your voice to control the smart ceiling fan:

Functions	Alexa Commands
Fan On/Off	<i>Alexa, turn <device name> on/off</i>
Fan Speed	<i>Alexa, set <device name> speed to 1/2/3/4/5/6</i>
Fan Mode	<i>Alexa, set <device name> to nature/normal</i>
Fan Direction	<i>Alexa, set <device name> to forward/reverse</i>
Light On/Off	<i>Alexa, turn on/off light on <device name></i>

Functions	Google Commands
Fan On/Off	<i>Hey Google, turn <device name> on/off</i>
Fan Speed	<i>Hey Google, set <device name> speed to 1/2/3/4/5/6</i>
Fan Mode	<i>Hey Google, set <device name> to nature/normal</i>
Fan Direction	<i>Hey Google, set <device name> to forward/reverse</i>
Light On/Off	<i>Hey Google, turn on/off light on <device name></i>



Need Help?



Operating Videos



Service Online

 service@avatarcontrols.com