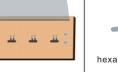
SAFETY PRECAUTION:

IMPORTANT: PLEASE READ BEFORE INSTALLATION:

- 1.Before you begin installing the fan, shut power off at the circuit breaker of the fuse box. 2, **▲ CAUTION:** Read all instructions and safety information before installing your new fan. Review
- accompanying assembly diagrams. 3. Make sure that all electrical connections are in accordance with National Electrical Code,
- ANSI/NFPA 70 and local codes. Hire a licensed electrician if you are unfamiliar with installing 4. Make sure the installation site you choose allows the fan blades to rotate without any obstructions.
- Allow a minimum clearance of 2.1m (7 feet) from the floor and 18 inches from the tip of the blades
- 5. ▲ WARNING: To reduce the risk of fire, electric shock, or personal injury, mount to outlet box marked "Acceptable for Fan Support of 15.9 kg (35 lbs) or less" and use mounting screws provided
- 6. ▲ CAUTION: To reduce the risk of injury, use only the screws provided with the outlet box in conjunction with the lock washers provided with the fan.
- 7. The outlet box and support structure must be securely mounted and capable of reliably supporting a minimum of 35 pounds. Use only U.L. Listed outlet boxes marked "Acceptable for Fan Support of
- 8. After you install the fan, make sure that all mounting components are secured to prevent the fan
- 9.Do not insert anything into the fan blades while the fan is operating.
- 10. To change the direction of the rotation of the blades the fan must be in operation mode.
- 11.All set screws must be checked and retightened where necessary before installation.
- 12.▲WARNING: To reduce the risk of personal injury, do not bend the blade bracket when installing the brackets, balancing the blades, or cleaning the fan. Do not insert foreign objects in between rotating fan blades.
- 13. A CAUTION: To reduce the risk of electric shock, disconnect the electrical supply circuit to the fan
- 14. After making the wire connections, the wires should be spread apart with the grounded conductor and the equipment-grounding conductor on one side of the outlet box and the ungrounded conductor on the other side of the outlet box.
- 15.The splices after being made should be turned upward and pushed carefully up into the outlet box. Conductor wiring identified as grounded is to be connected to a grounded conductor of power supply. Conductor wiring identified as ungrounded conductor is to be connected to an ungrounded conductor. Conductor wiring identified for equipment grounding is to be connected to an equipment-
- 16. This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
- **△WARNING:** To reduce the risk of fire or electric shock, this fan must be installed with a general use, isolating wall control/switch.
- ▲WARNING: To reduce the risk of fire or electric shock, do not use this fan with any solid-state
- NOTE: The important safeguards and instructions appearing in this manual are not meant to cover all possible conditions and situations that may occur. It must be understood that common sense, caution and care are factors which cannot be built into this product. These factors must be supplied by the person (s) installing, caring for and operating the unit.
- 17. This product is suitable for use in damp locations.
- ▲ CAUTION: The light source is designed for this specific application and can overheat if serviced by untrained personnel. If any servicing is required, the product should be returned to an authorized service facility for examination or repair.

BEFORE YOU START

Contact a licensed electrician if you are uncomfortable performing electrical work. A licensed electrician must install the fan if required by local code. Do not use the fan with a dimmer switch. Turn off power at breaker.









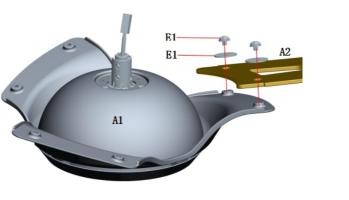


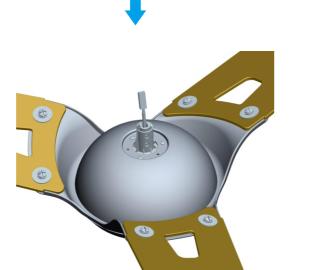
PRODUCT INSTRUCTION:



INSTALLATION:

- 1.1 Take out the motor hub from the packaging box and place it upside down on the enclosed paper
- Match the sharper tip of the airfoil with the corresponding place on the hub (the sharper tip is at the right side), align these screw holes and tighten the screws. (Fig.1.1)
- 1.2 Three airfoils installed. (Fig.1.2)



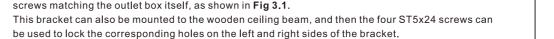


2.1 Assemble downrod as pictured in Fig.2.1. (Please select the proper length of rod for your ceiling.) NOTE: If you choose to install a safety cable/chain onto your ceiling fan, you will need to run it through



the downrod prior to installation.





Note: The wooden ceiling beam must meet the tensile test of 30KG for installation, as shown in Fig 3.2. It is also possible to install the mounting bracket directly to the concrete ceiling and install four screws to the left and right corresponding holes of the bracket to lock the ceiling, as shown in Fig 3.3.

Install the mounting bracket to the ceiling box, as shown in Fig 3.1 below. Rotate the mounting bracket

in different directions so that the bracket mounting holes match the screw holes of the ceiling box.

If the mounting bracket is installed at the outlet box, it should be installed on the outlet box with two

2.2 Connect the wiring harness from the downrod to the receptacle from motor wire as Fig 2.2.1. After

NOTE: Take out the end of the safety cable from downrod before lowering the downrod onto the motor

Install the screws and washers in opposite directions from each other (2 sets on each side) and make

Remove the existing screw fixed in the motor shaft, then connect the safety cable with motor shaft

sure the screws and washers are tightened firmly with a screwdriver. (See Fig 2.2.3)

connection, tuck in neatly the wire into the downrod,

hub. (See Fig 2.2.2)

firmly by this screw. (See Fig 2.2.3)

3 Assembly — Hanging the Fan:

Note: This mounting bracket is a standard cable box.



If you have an angled or vaulted ceiling: (Fig.3.3)

1. When installing the mounting bracket, the bracket groove is upward;

You will need a longer downrod;

3. If your ceiling angle is greater than 25°, you will also need an Angled Mounting Kit.



4 Hanging Ceiling Fan & Installing Power Adapter & Wiring the Fan:

MARNING: To reduce the risk of fire, electric shock or other personal injury, mount the fan only to an outlet box or supporting system marked acceptable for fan support and use the mounting screws provided with the outlet box.

▲ WARNING: Check to see that all connections are tight, including ground, and there are no visible bare wires at the wire nuts (except for the ground wire).

MARNING: To reduce the risk of fire or electric shock, do not use this fan with any solid-state speed control device.

⚠ WARNING: To avoid any electrical shock, be sure electricity is turned off at the main fuse box before wiring.

Hang the installed ceiling fan on the mounting bracket that mounted to the ceiling as shown in Fig 4.1, pay attention to the enlarged image as shown in Fig 4.1. The pivot ball on the downrod needs to hang from inside the socket of the bracket and match up with the slot to lock the pivot ball in place.

Note: The Green/Yellow wire from bracket connects with the ground wire from supply power, using the wiring cap to tuck the wires together and then hide inside the ceiling. The White wire from AC Adapter connects with the Neutral wire from supply power, the Black wire from AC Adapter connects with the Live wire from supply power, using the wiring cap to tuck the wires together. (Make sure all the wires connect with the correct colors as shown below Fig 4.2)

The wires will need to be bound together with electrical tape for added stability. Put the AC Adapter

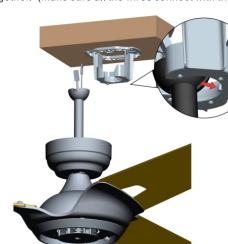
⚠ Warning: Put AC adapter into the flat side of bracket and push it through to the other side which the

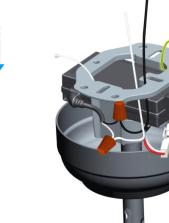
ceiling fan hangs from. Please see the Arrow direction showed in Fig 4.2, otherwise the wires will be too

inside the bracket and connect the DC output wire with the wire from motor through the downrod.

Make sure all wires are tucked in the canopy. Connect the AC input to the house electricity.

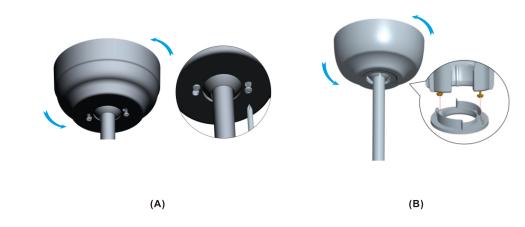
Connect the wire of the power adapter through the bracket as below Fig 4.2:





5 Fix and lock the Canopy:

(A) Move the small and large screw holes at the bottom of the canopy to the hanger screw hole and move it to the hanger screw. Click the arrow to zoom in and rotate to the small hole on the left and right sides of the large hole penetrating screw. Use a Phillips screwdriver to lock the thumbnail, Shown as **Fig A**. (B)The screw is not exposed. Hang the canopy to two hanging screws, hang the canopy in two places, drop the hanger screws, and hook the canopy. The hook rotates into the hanger step screw head with a picture, as shown in the Fig B below.



6 Connect the light wire cover Lampshade:

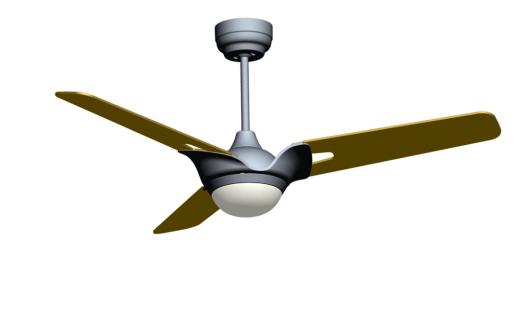
Connect the LED lamp wire pointed by the arrow with the Lamp Board terminal as shown in Fig 6.1, and fix the Lampshade on the lamp plate by rotating clockwise, as shown in Fig 6.2 after the lampshade is installed.

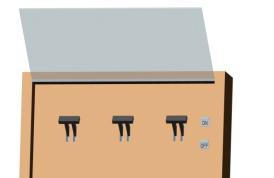




Power on:

The Fig 7.1 below is a schematic diagram of the whole machine after installation. At this time, the ceiling fan has been installed. Turn on the power supply of the main switch or the room where the ceiling fan is installed. After power on, observe whether the fan light is on.



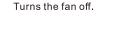


Remote Control Operating Instructions:

Pairing the Remote Control to Your Fan

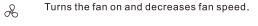
Within 10 min. of plugging fan to power source, press and hold 🖞 button for 3 sec. to pair remote control and fan, Successful pairing will trigger the fan lamp off,

Remote Control button definitions

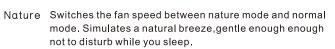




airflow creates a cooling effect. Winter model - (Clockwise) An upward airflow moves warm air away from the ceiling area and redistributes it around the living space.

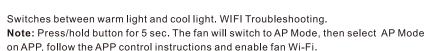


Turns the fan on and Increases fan speed.





Turns the lights on or off and RF pairing. Note: Press/hold button for 3 sec. within 10 min. of plugging fan to power source to pair



Press/Hold button to decrease the light intensity.

remote and fan. Successful pairing will trigger the fan lamp off.



Press/Hold to button to increase the light intensity.

Warning: Do not expose the remote control to direct contact of water.

APP Control Connection:

- 1. First download the free Carro Home app from the App Store or Google Play or scan the QR Code
- 2. Open the Carro Home app to create your account. The account with "Carro Home" can be
- 3. Connect the device to the Carro Home app (Four ways connection)

① Bluetooth connect (WIFI & Bluetooth on)

registered through E-mail or Mobile phone.

- a. Press "+" button into the device list, then a window will pop up to show you some devices can be connected.
- b. Click "Go to add" (If you click "Do not add" in mistake, please see "Do not add" steps).
- c. Choose the device.
- d. Connect to your home WIFI, then back to the app and wait for connecting.

"Do not add" steps:

- a. Select "Electrical"(smart switch) or "Air Circulation"(smart ceiling fan) on the sidebar menu then select "Ceiling Fan Switch" or "Ceiling Fan" and tap next.
- b. Connect to your home WIFI and tap "Next" to wait for connecting.

② Auto Scan (WIFI & Bluetooth on)

- a. Press "+" button into the device list.
- b. Tap "Auto Scan" on the top.
- c. Wait for the device comes out and tap "Next".
- d. Press "+" button to add device.
- e. Connect to your home WIFI.
- f. Wait for connecting.

③ WIFI connect-EZ Mode (WIFI on & Bluetooth off)

- a. Press "+" button to select "Electrical" (smart switch) or "Air Circulation" (smart ceiling fan) on
- the sidebar menu then select "Ceiling Fan Switch" or "Ceiling Fan" and tap next.
- b. Connect to your home WIFI (Only for 2,4Ghz).
- c. EZ Mode is set as default, just tap "Next" button to wait for the connection to complete.

4 WIFI connect-AP Mode (WIFI on & Bluetooth off)

- a. Smart ceiling fan: Press and hold the WIFI button on the remote for 5 seconds into AP Mode. Smart switch: Press and hold the "OFF" button for 10 seconds till the indicator light blinking
- b. Press "+" button to select "Electrical" (smart switch) or "Air Circulation" (smart ceiling fan) on the sidebar menu then select "Ceiling Fan Switch" or "Ceiling Fan" and tap next.

c. Connect to your home WIFI (Only for 2.4Ghz). d. Choose AP Mode.

- e. Press "Next" button to go to connect the fan's WIFI signal. f. Choose the fan's WIFI signal "CarroHome-XXXX" then back to the app.
- g. Wait for connecting.
- 4. Connect the device to the Alexa:
 - a. Make sure you have connected the device to the app and working normally. b. Open Alexa app, go to the skill to search "Carro Home" skill.
- c. Link the skill, log in with your Carro Home app account and password, then authorize and connect with Carro Home app.
- d. Then the Alexa will find out the device automatically.
- 5. Connect the device to the Google Home

and connect with Carro Home app.

- a. Make sure you have connected the device to the app and working normally.
- b. Open Google Home app, Set up a device, choose "Works with Google".
- c. Search "Carro Home", log in with your Carro Home app account and password, then authorize
- d. Then the Google Assistant will find out the device automatically.
- 6. Connect the device to the Siri shortcuts
- a. Make sure you have connected the device to the app and working in functional.
- b. Tap "Smart" on the main menu.
- c. Tap "+" button.
- d. Tap "launch Tap To Run".
- e. Tap "Run the device".
- f. Choose the device you want to control by Siri.
- g. Select the function you want to control by Siri. h. Then save it.
- I. Add to Siri, choose the scene you just made, Add to Siri.
- j. Enter the sentence you want to say to make the device works, Add to Siri.

Basic product parameters

	Model	CES523AL	Voltage	120V
	Fan Blade Span	52"	Rated Wattage	54W(Fan 32W Lamp 22W)
	Gross weight	18.8lbs.	Rpm	50-215rpm
	Maximum Airflow	5400CFM	Maximum Noise	60dB(A)

Rated Wattage 52W(Fan 30W Lamp 22W)

1. Check the support connections, brackets, and airfoil attachments twice a year. Make sure they are

Care and cleaning

Maximum Airflow 5800CFM

secure. Because of the fan's natural movement, some connections may become loose over time. It is not necessary to remove the fan from the ceiling.

2. Clean your fan periodically. Use only a soft brush or lint-free cloth to avoid scratching the finish.

The plating is sealed with a lacquer to minimize discoloration or tarnishing. 3. (Optional) Apply a light coat of furniture polish to the wood blades.

Maximum Noise 58dB(A)

- 4. (Optional) Cover small scratches with a light application of shoe polish.

- 1. Use water when cleaning. Water could damage the motor, or the wood, or possibly cause an
- 2. Apply oil to your fan or motor. The motor has permanently lubricated sealed ball bearings. Note: Power off the fan before product maintenance or cleaning the fan.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules, These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is
- Consult the dealer or an experienced radio/TV technician for help.

WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Try these troubleshooting steps before contacting the Customer Service. For additional operation, maintenance,

SYMPTOM

and troubleshooting information, please contact our customer service center.

POSSIBLE SOLUTION

n not spinning	 Make sure the fan is getting power. Check your circuit breaker or fuse panel and wall switch for functionality. Fan wires are connecting with the house wires correctly. Remote control must be paired with the fan within 10 minutes after the fan getting pows. If you have paired the app but the fan still didn't work (light and fan both didn't work) of couldn't pair the app to the fan, try to reset the fan: to reset the fan, cut the power for 10 minutes, then turn the power on and press the pairing button ∫ on the remote for 3 sectill the fan lamp off, then pair the Carrohome app again. Use a multi-meter and test the adapter wiring harness to see if there is any electrical output. All the pin wiring on the circuit board are inserted tight and in the right position. Remote need to pair with the fan first. Make sure the fan blades spin freely. If you're using a wall control, check the power to the breaker from your control and treating the power on the fan fan fan fan fan fan fan fan fan fan
ight not working	Make sure LED wires are connected to the circuit board. Make sure the whole fan is powered. Remote need to pair with the fan first.correctly and in the retention slot.
fan is noisy and wobbling	1. Check if the blade screws are NOT rubbing against the round plastic part of the motor 2. Check the pin wire are NOT connected against the moving part. 3. Check the down fan cup is NOT hitting the motor. 4. Confirm the canopy is NOT touching the ceiling while the fan is in operation. 5. Check the down rod is NOT slanted. 6. Tighten any loose screws on the light kit, fan blades, motor coupling, down rod, brack and mounting hardware. 7. Confirm the hanger ball is firmly seated in the mounting bracket. 8. The ceiling beam must meet the minimum tensile test strength of 30KG for installation 9. Make sure the airfoils and brackets are NOT bent or deformed. 10. Verify the wire connections are not rattling against each other. 11. Verify the fan blades are not cracked. If the fan blades are cracked, replace the dam blades with a new blade set from the same brand as your ceiling fan to ensure compatib 12. The light kit is NOT slanting and hitting the motor.
nable to pair mote and app	1. Check if the wires are connected in the right position or not. 2. Check the batteries in the remote. 3. Disconnect the power for 10 minutes, reconnect the power and pair the remote with the fan immediately, within 3 seconds. Also try pairing the App to reconnect. 4. The WiFi must be 2.4Ghz, incompatible with 5Ghz WiFi or combine with 5Ghz. 5. App must in the new version. 6. Connect with correct app "Carro Home"
or light turning on or off by hemselves	1. Confirm the circuit breaker is not malfunctioning. 2. Verify the wire connections are not frayed. 3. Check the app is not set the timer or schedule 4. Cut the fan power for 10 minutes then power on again. 5. All the pins wiring on the circuit board are inserted tight and in the right position.

Carro USA Inc. 1431 S.Baker Ave. Ontario CA 91761 www.smafan.com | cs@carrohome.com



U.S. Patent Nos.: 10,511,206 and 11,296,561 and 11,268,568. Other Patent(s) Pending.

ITEM: CES523AL / CES563AL Technical Parameter: AC 120V 60HZ

SMART CEILING FAN INSTALLATION GUID Please read and follow all the instructions carefully before using this product

> The product image shown here is indicative only Actual product you receive may differ.