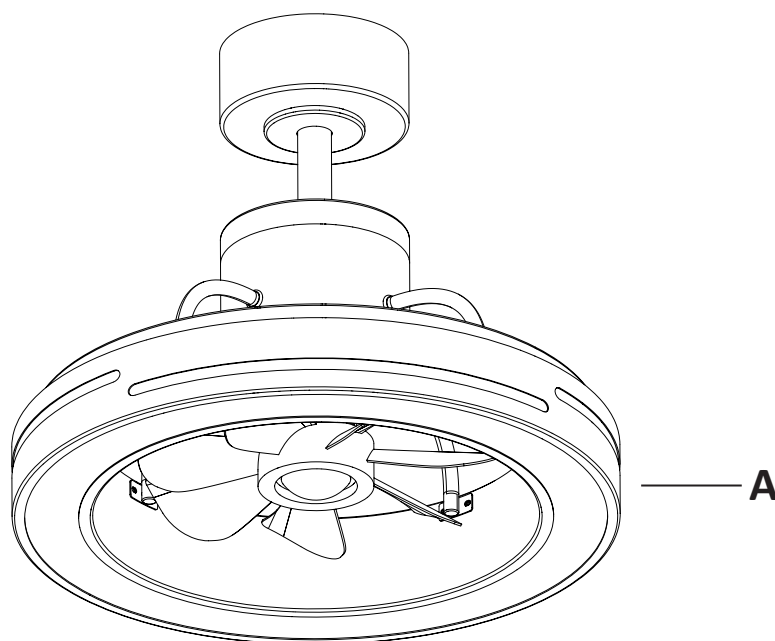



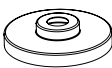

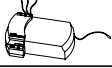





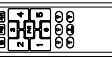

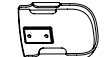

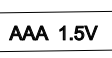

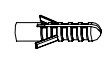


# USE AND CARE MANUAL

## CEILING FAN WITH LED LIGHT

Model number: 21428



### Hardware (Parts are not to scale)

ITEM	DESCRIPTION	IMAGE	QUANTITY	ITEM	DESCRIPTION	IMAGE	QUANTITY
H1	Mounting bracket		x 1	H10	Coupling cover		x 1
H2	Outlet box screw		x 2	H11	Receiver		x 1
H3	Spring washer		x 4	H12	Clevis pin		x 1
H4	Flat washer		x 4	H13	Cotter pin		x 1
H5	Wood screw (Long)		x 4	H14	Remote control		x 1
H6	Wire connector		x 3	H15	Remote control holder		x 1
H7	Canopy		x 1	H16	1.5V AAA battery		x 2
H8	Canopy bottom cover		x 1	H17	Wall anchor		x 2
H9	Hanger ball/downrod assembly		x 1	H18	Wood screw (short)		x 2

**THIS MANUAL CONTAINS IMPORTANT SAFETY INFORMATION. PLEASE READ AND KEEP FOR FUTURE REFERENCE.**

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# IMPORTANT SAFETY INFORMATION

- Please read and understand this entire manual before attempting to assemble, operate or install the product.
- To reduce the risk of electric shock, ensure the electricity has been turned off at the circuit breaker or fuse box before you begin.
- All wiring must be in accordance with the National Electrical Code ANSI/NFPA 70-1999 and local electrical codes. Electrical installation should be performed by a qualified licensed electrician.
- The outlet box and support structure must be securely mounted and capable of reliably supporting 35 lbs (15.9 kg). Use only UL Listed outlet boxes marked "Acceptable for Fan Support of 35 lbs (15.9 kg) or less."
- CAUTION: The fan must be mounted with a minimum of 7 ft. (2.1 m) clearance from the trailing edge of the blades to the floor.
- Do not operate the reversing switch while the fan blades are in motion. You must turn the fan off and stop the blades before you reverse the blade direction.
- Do not place objects in the path of the blades.
- To avoid personal injury or damage to the fan and other items, use caution when working around or cleaning the fan.
- Do not use water or detergents when cleaning the fan or fan blades. A dry dust cloth or lightly dampened cloth will be suitable for most cleaning.
- After making electrical connections, spliced conductors should be turned upward and pushed carefully up into the outlet box. The wires should be spread apart with the grounded conductor and the equipment-grounding conductor on one side of the outlet box.
- All set screws must be checked and retightened where necessary before installation.
- Please do not put the remote control in the place where children can play.

## Warning:

- To reduce the risk of electric shock, this fan must be installed with an isolating wall control/switch.
- To reduce the risk of personal injury, do not bend the blade arms (also referred to as flanges), when installing the brackets, balancing the blades or cleaning the fan.
- Do not insert foreign objects between rotating fan blades.
- To reduce the risk of fire, electric shock or personal injury, mount the fan to an outlet box marked acceptable for fan support with the screws provided with the outlet box.

CAUTION: To reduce the risk of personal injury, use only the screws provided with the outlet box.

NOTE: Suitable for use in DAMP locations.

CAUTION: Do not use with a wall light dimmer switch.

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## PREPARATION

- Before beginning assembly, installation or operation of product, make sure all parts are present. Compare parts with package contents list and diagram on previous page. If any part is missing or damaged, do not attempt to assemble, install or operate the product. Contact customer service for replacement parts.
  - Tools required for assembly (not included): flathead screwdriver, phillips screwdriver, pliers, electrical tape, wire cutters, safety glasses, ladder, wire stripper.
- 

## FCC STATEMENT

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.

**CAUTION:** Any 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.

**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 following measures:

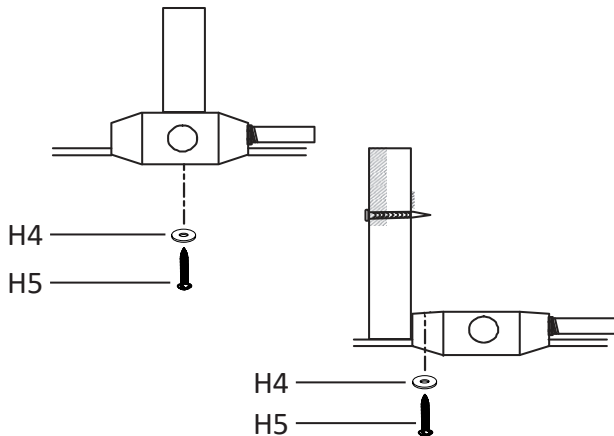
- Reorient or relocate the receiving antenna.
  - Increase the separation between the equipment and receiver.
  - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
  - Consult the dealer or an experienced radio/TV technician for help.
-

# ASSEMBLY

## 1 Preparing the outlet box

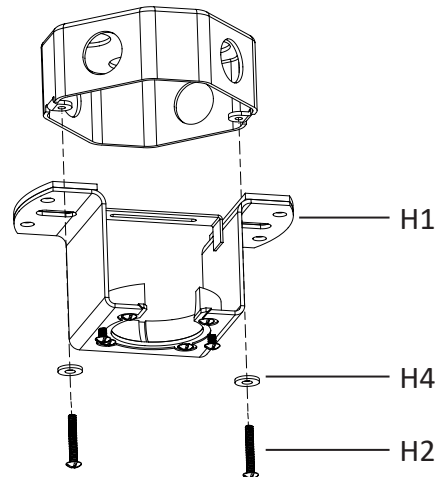
- Use metal outlet box (sold separately) suitable for fan support. Secure outlet box directly to the building structure using the flat washer (H4) and the wood screws (long) (H5). Outlet box must support 15.9 kg (35 lb.) min.

**Danger:** A loose outlet box can cause the fan to wobble and increase the fan's potential to fall, which could result in serious injury or death.



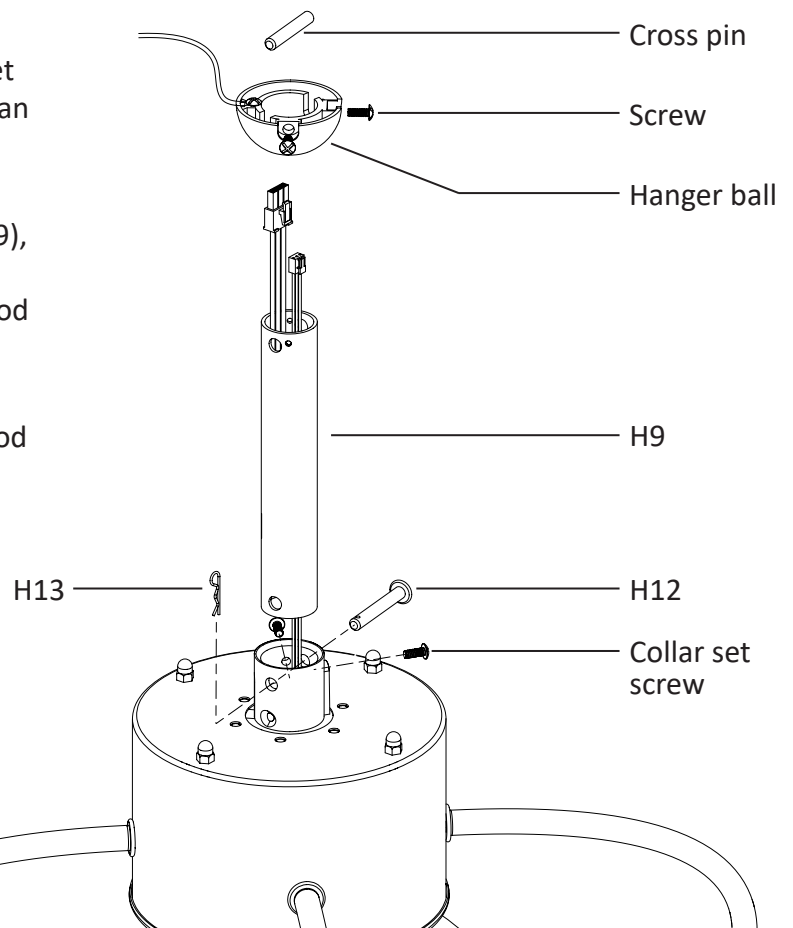
## 2 Installing the mounting bracket

- Fasten the mounting bracket (H1) onto the outlet box (not provided) using outlet box screws (H2) and flat washer (H4) provided with the outlet box. (Two additional outlet box screws (H2) and flat washers (H4) are provided in the hardware bag).



## 3 Assembling the downrod

- Remove the cotter pin (H13) and clevis pin (H12) from the down rod assembly (H9).
- Loosen (but do not remove) the two collar set screws, from the coupling on the top of the fan assembly (A).
- Take out the one set screw and loosen the other set screw located in the hanger ball (H9), lower the hanger ball and remove the cross pin. Remove the hanger ball from the downrod assembly (H9).
- Guide the motor wires and the LED wires through the downrod (H9). Insert the downrod (H9) into the coupling on the top of the fan assembly (A).

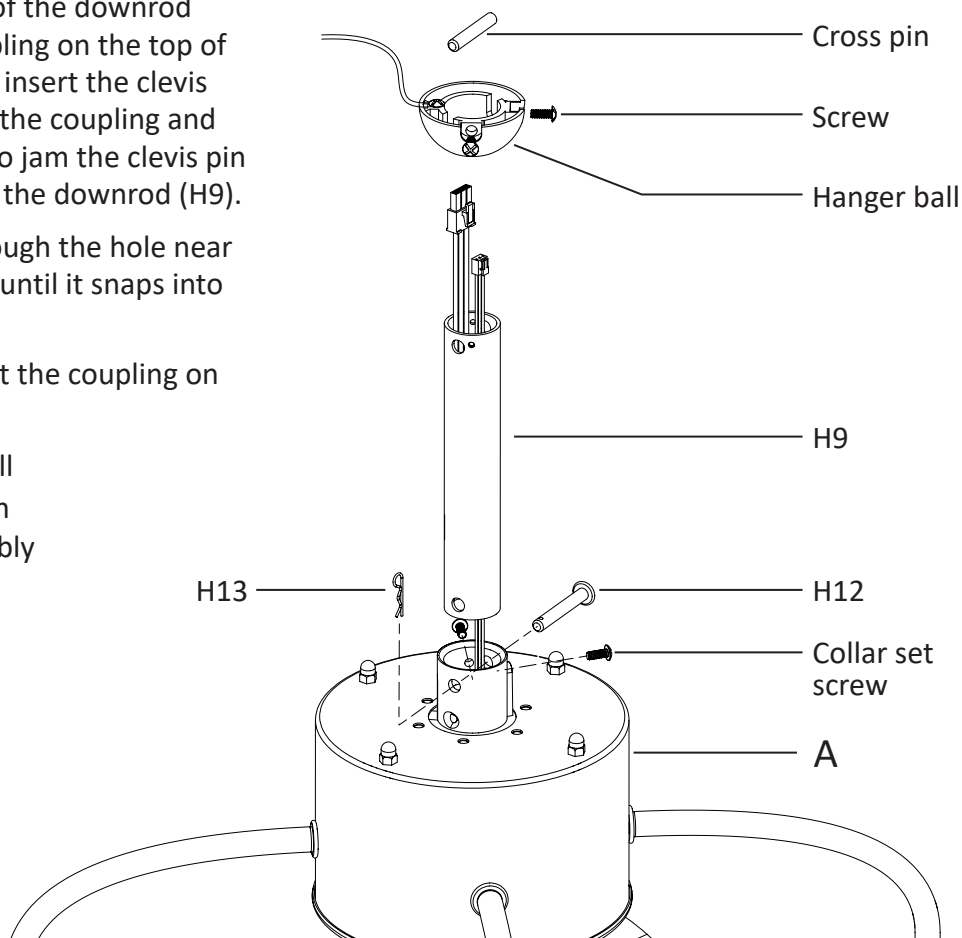


# ASSEMBLY (continued)

## 3 Assembling the downrod (continued)

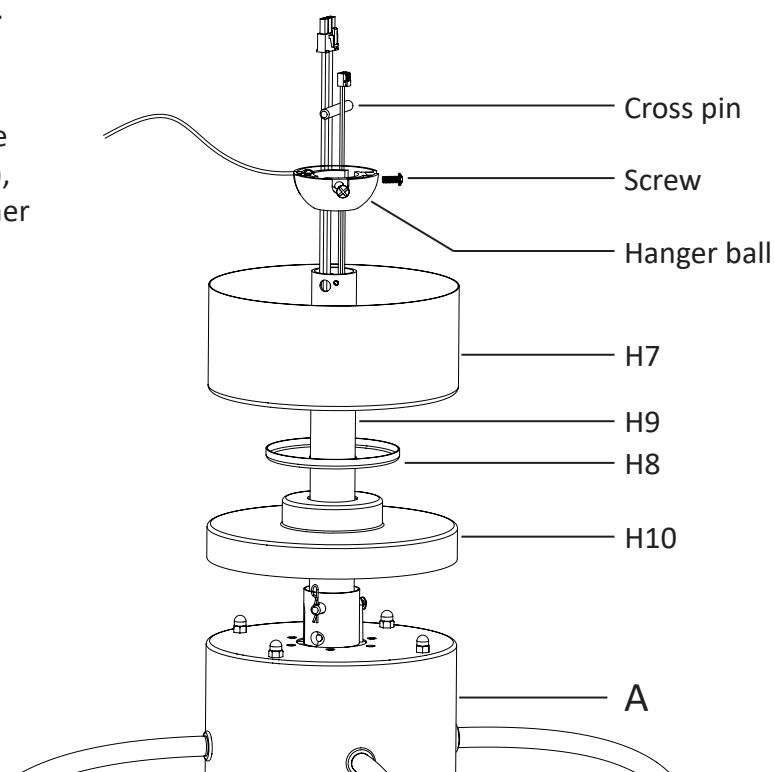
- Align the holes at the bottom of the downrod (H9) with the holes in the coupling on the top of the fan assembly (A). Carefully insert the clevis pin (H12) through the holes in the coupling and downrod (H9). Be careful not to jam the clevis pin (H12) against the wiring inside the downrod (H9).
- Insert the cotter pin (H13) through the hole near the end of the clevis pin (H12) until it snaps into its locked position.
- Tighten two collar set screws at the coupling on top of the fan assembly (A).

**Warning:** Failure to properly install cotter pin could result in fan loosening and possibly falling.



## 4 Assembling the coupling cover and canopy

- Slip the coupling cover (H10), canopy cover (H8) and canopy (H7) onto the downrod (H9).
- Carefully reinstall the hanger ball onto the downrod (H9), being sure that the cross pin is in the correct position. Align the hole of the hanger ball and the hole of the downrod (H9), secure with the set screw and tighten the other screw.

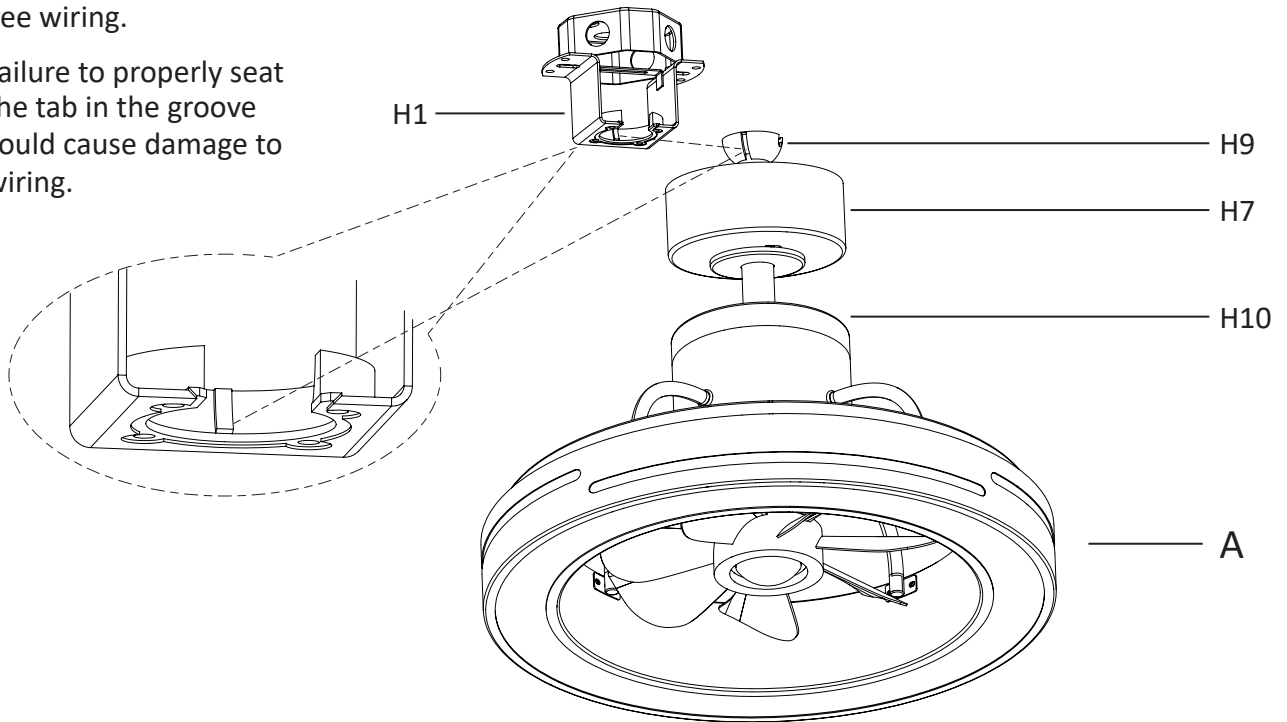


# ASSEMBLY (continued)

## 5 Hanging the fan on the mounting bracket

- Carefully lift fan and seat the hanger ball of downrod assembly (H9) onto the mounting bracket (H1).
- Rotate fan until notch on hanger ball engages the ridge on the mounting bracket (H1). This will allow for hands free wiring.

**Warning:** Failure to properly seat the tab in the groove could cause damage to wiring.



## 6 Making the electrical connections

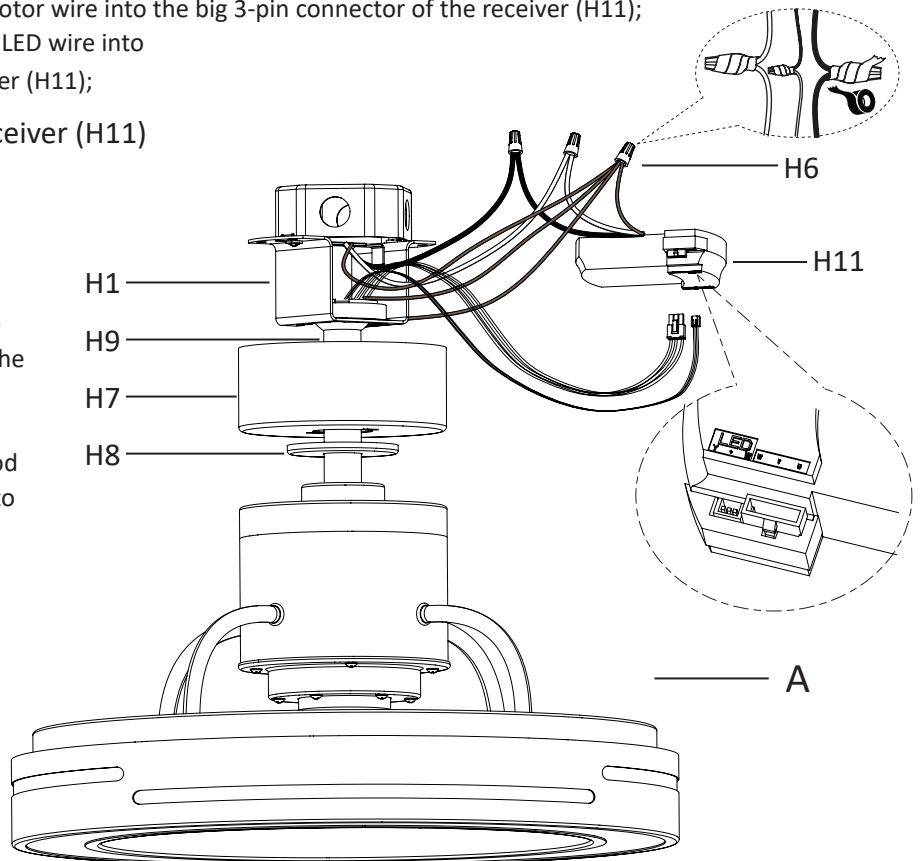
- Make wire connections from the motor wires and the LED wires to the receiver (H11):

1. Insert the big 3-pin connector of the motor wire into the big 3-pin connector of the receiver (H11);
2. Insert the small 3-pin connector of the LED wire into the small 3-pin connector of the receiver (H11);

- Make wire connections from the receiver (H11) to the outlet box :

1. Connect the black wire (Label AC in L) from the receiver (H11) to the black wire from the outlet box, then connect the white wire (Label AC in N) from the receiver (H11) to the white wire from the outlet box.
2. Connect the green ground wires from the mounting bracket (H1), the downrod assembly (H9) and the receiver (H11) to the ground conductor of the out box.
3. Cover the wires with wire connectors (H6). Tape the wire connectors (H6) and wires together, and carefully position all wires inside the outlet box.

- Insert the receiver (H11) into the mounting bracket (H1) with the flat side of the receiver (H11) facing the ceiling.

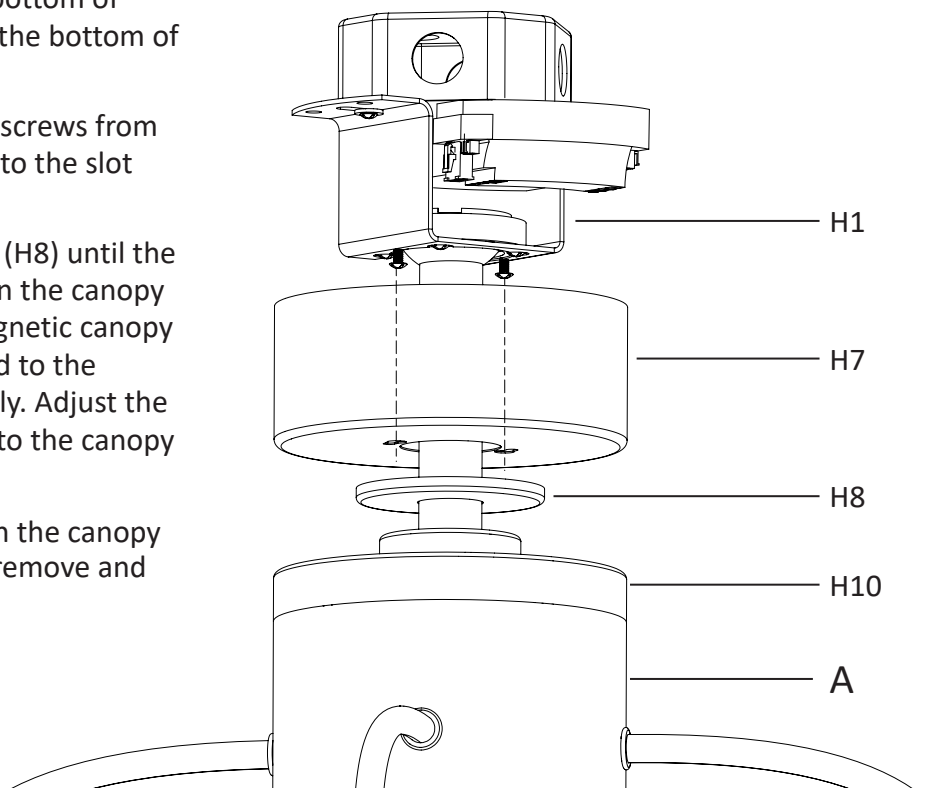


## ASSEMBLY (continued)

## 7 Installing the canopy

- Loosen the 2 screws on the bottom of the mounting bracket (H1), raise the canopy (H7) up and align the keyholes on the bottom of canopy (H7) with the 2 screws on the bottom of the mounting bracket (H1).
- Rotate the canopy (H7) until both screws from the mounting bracket (H1) slide into the slot recesses. Tighten screws securely.
- Push up the canopy bottom cover (H8) until the screw heads engage to the slots on the canopy bottom cover (H8) so that the magnetic canopy bottom cover (H8) can be attached to the bottom of the canopy (H8) properly. Adjust the canopy bottom cover (H8) center to the canopy (H7).

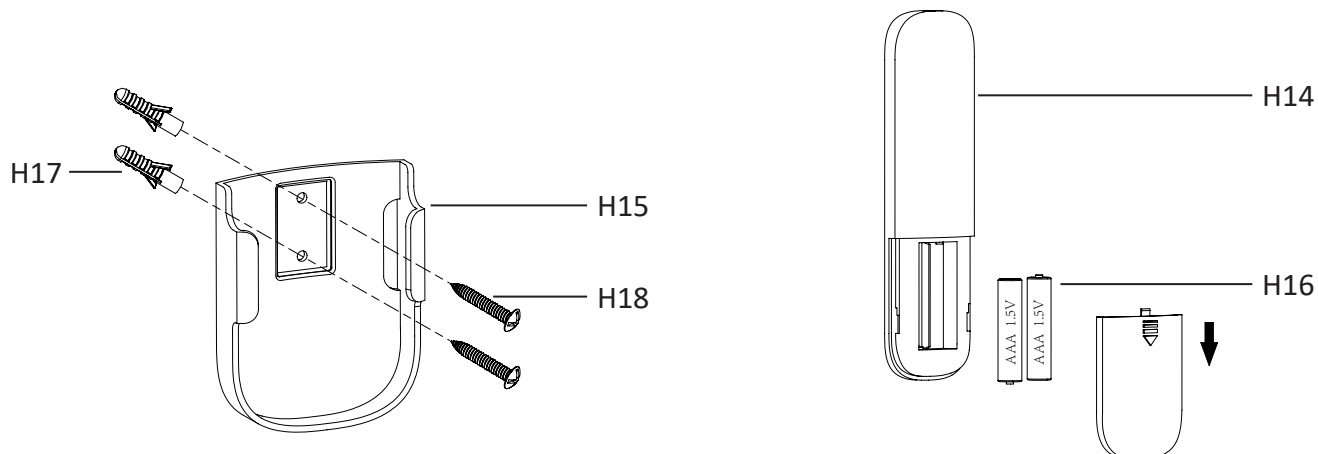
**Noted:** The magnet is pre-attached on the canopy bottom cover (H8) for you to remove and install easily.














## 8 Mounting the remote control holder and assembly the batteries

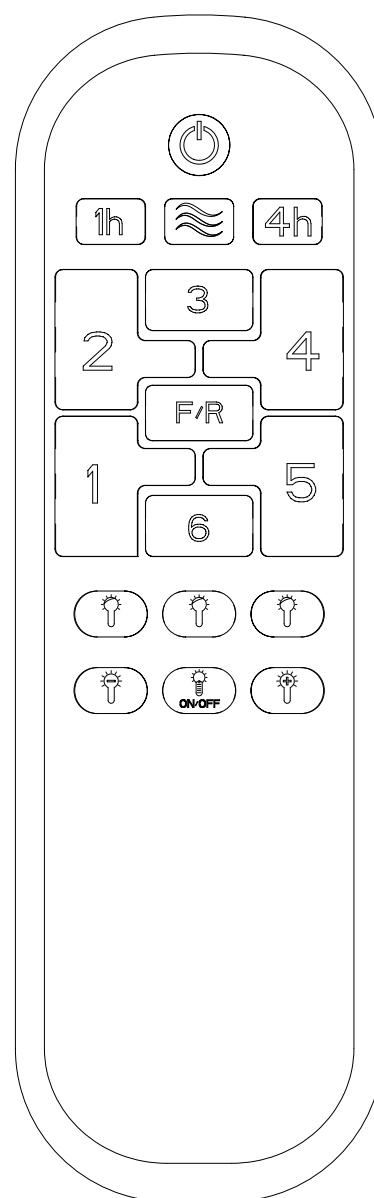
- Select a location to install your remote control holder (H15). Install the remote control holder (H15) on the wall with two anchors (H17) and two wood screws (short) (H18) and place remote control in it carefully.
- Remove the battery cover by pressing the firmly on the arrow and sliding the cover off.
- Install two 1.5V AAA batteries (H16) (included).
- Replace the battery cover on the remote control (H14).

**Noted:** Batteries will weaken with age and should be replaced before leaking takes place as this will damage the remote control. Dispose of used batteries properly and keep them out of the reach of children.



# Operating - Your Fan and Remote Control

	<b>FAN OFF button:</b> Press and release the power button to turn the fan off
	<b>Light Brightness button:</b> Press and hold the button to decrease brightness to the desired level
	<b>Power Light button:</b> Press button to turn the light on or off
	<b>Light Brightness button:</b> Press and hold the button to increase brightness to the desired level
	<b>Light color temperature button (yellow):</b> Press and release the button to changing to 3000K (Warm white)
	<b>Light color temperature button (blue):</b> Press and release the button to changing to 4000K (Bright white)
	<b>Light color temperature button (white):</b> Press and release the button to changing to 5000K (Daylight)
	<b>Reverse button:</b> Press and release the button to control fan direction. <b>Please wait a second, the fan blades will not reverse until they gradually stop rotating.</b>
<b>1 ~ 6</b>	<b>Fan speed button:</b> 1 = minimum speed                      2 = low speed 3 = medium low speed                  4 = medium speed 5 = medium high speed                6 = high speed
	<b>Breeze button:</b> Press the breeze button to cycle the fan speed. The fan will cycle through all 6 speeds in 20 seconds. If the fan is off the cycle will start at minimum "1" speed and increase until high speed "6" is reached, then cycle slowly back down to minimum speed "1". Again, then repeat. If the fan is on then the breeze cycle will start at that speed. To stop this function press any other fan speed or fan off button.
	<b>1 hour timer button:</b> While the fan is on press this button - turns on a 1 hour run timer.
	<b>4 hour timer button:</b> While the fan is on press this button - turns on a 4 hour run timer.



— H14

## Noted:

- 1H or 4H timer button, Press any other button, or turn off the electric circuit at the main fuse or circuit breaker box can stop this function.
- This remote control has a memory function setting. The fan will operate at the same speed and the fan light will stay at the same brightness-level as the last time the power supply was turned off.

## Set the code:

Turn off the main power supply of the fan for 1 minute then turn on the power switch, and press and hold FAN OFF button for more than 3 seconds after hearing a "drip" sound. the receiver makes a "drip" sound, and the code is successful. If the code alignment fails, close it wait one minute and repeat the preceding steps.

**Noted:** The included remote control was paired with the receiver at the factory with default settings, so no need to set the code again. Go through these setup steps if you found your remote control can't communicate with the receiver.



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## CARE AND CLEANING

- Check the support connections, brackets, and blade attachments twice a year. Make sure they are 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.
  - 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.
  - (Optional) Apply a light coat of furniture polish to the wood blades.
  - (Optional) Cover small scratches with a light application of shoe polish.
  - Do not use water when cleaning. Water could damage the motor, or the wood, or possibly cause an electrical shock.
  - Do not apply oil to your fan or motor. The motor has permanently-lubricated sealed ball bearings.
- 

## TROUBLESHOOTING

### The fan will not start:

- Check to make sure the wiring is correct.
- Check the main and branch circuit fuses or breakers.
- Check to make sure the wall switch is in the on position if applicable.
- Check that the fan wire is properly connected to the receiver.

**CAUTION:** Make sure main power is turned off before accessing switch housing.

- Check the battery in the remote control.
- Check to make sure the frequency switches from the remote control and receiver are set to the same frequency.
- Ensure you are in the normal range of 10-20 feet.

### The fan is noisy:

- Ensure all motor housing screws are tight.
- Ensure the screws that attach the fan blade bracket to the motor hub are tight.
- Ensure the wire nut connections are not rattling against each other or the interior wall of the switch housing.
- Allow a 24-hour "breaking in" period. Most noises associated with a new fan disappear during this time.
- Ensure the canopy is a short distance from the ceiling. It should not touch the ceiling.

### The remote control is not working:

- Check whether the switch battery contact is normal, whether the positive and negative terminals are placed correctly, and the power level adequacy.
- Check whether there is a remote control product with the same frequency in the nearby range, and view it whether the remote control button is pressed, because the remote control product of the same frequency is transmitted at the same time will cause interference, affecting the reception error.
- Do not connect the fan with wall mounted variable speed control.
- Make sure the frequency switches are set correctly.
- Check the battery and remove the battery if it is not used for a long time

### If fan or LED do not work:

- Replace the battery of remote control.
- Re-pair the remote control and receiver by holding the FAN OFF button on the according to the manual.
- Check that the LED wire is properly connected to the receiver.
- Check that the FAN wire is properly connected to the receiver.

**CAUTION:** Make sure main power is turned off before accessing switch housing.