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› [Universal Ceiling Fan Remote Control Kit for Harbor Breeze Hunter Allen Roth Hampton Bay,w/Receiver Light Dimmer 3-Speed, Replacement of L3HFAN35T1 35T1 L3HFAN35T 35T KUJCE9603 UC7202T CHQ7202T FAN-35T1 Kit](#)

CENMING FAN28R FAN-35T1

Universal Ceiling Fan Remote Control Kit

Model: FAN28R FAN-35T1

Brand: CENMING

PRODUCT OVERVIEW



Figure 1: The CENMING Universal Ceiling Fan Remote Control Kit, including the remote and receiver.

This instruction manual provides detailed information on the installation, operation, and maintenance of your CENMING Universal Ceiling Fan Remote Control Kit. This kit is designed to enhance the functionality of your ceiling fan by providing convenient control over fan speed and light settings.

SAFETY WARNINGS

WARNING: HIGH VOLTAGE!

- Disconnect power by removing the fuse or switching off the circuit breaker before installation or maintenance.
- Do not use this kit with solid state fans.
- Electrical wire must meet all local and national electrical code requirements.
- Supply for fan must be 110/120 volt, 60Hz.
- Maximum fan motor amps: 1.0.
- Maximum light watts: 240 incandescent or ballast. Otherwise, power can cause serious injury or death.

PRODUCT FEATURES

- **3-Speed Fan Control:** Independently control fan speed with HI, MED, LOW, and OFF settings.

- **Light Dimmer Function:** Control light brightness (ON/OFF and dimming) for compatible incandescent and dimmable LED lamps. Note: Some LED lights and all CFL lights are non-dimmable; the dimmer will only support ON/OFF for these, and may cause flickering with dimming.
- **Powerful Receiver:** FAN28R receiver with a rated power of 240W, allowing for more light bulbs and increased receiver lifespan.
- **Blue Indicator:** Provides visual feedback during operation.
- **Learn Key:** For pairing the remote with the receiver.

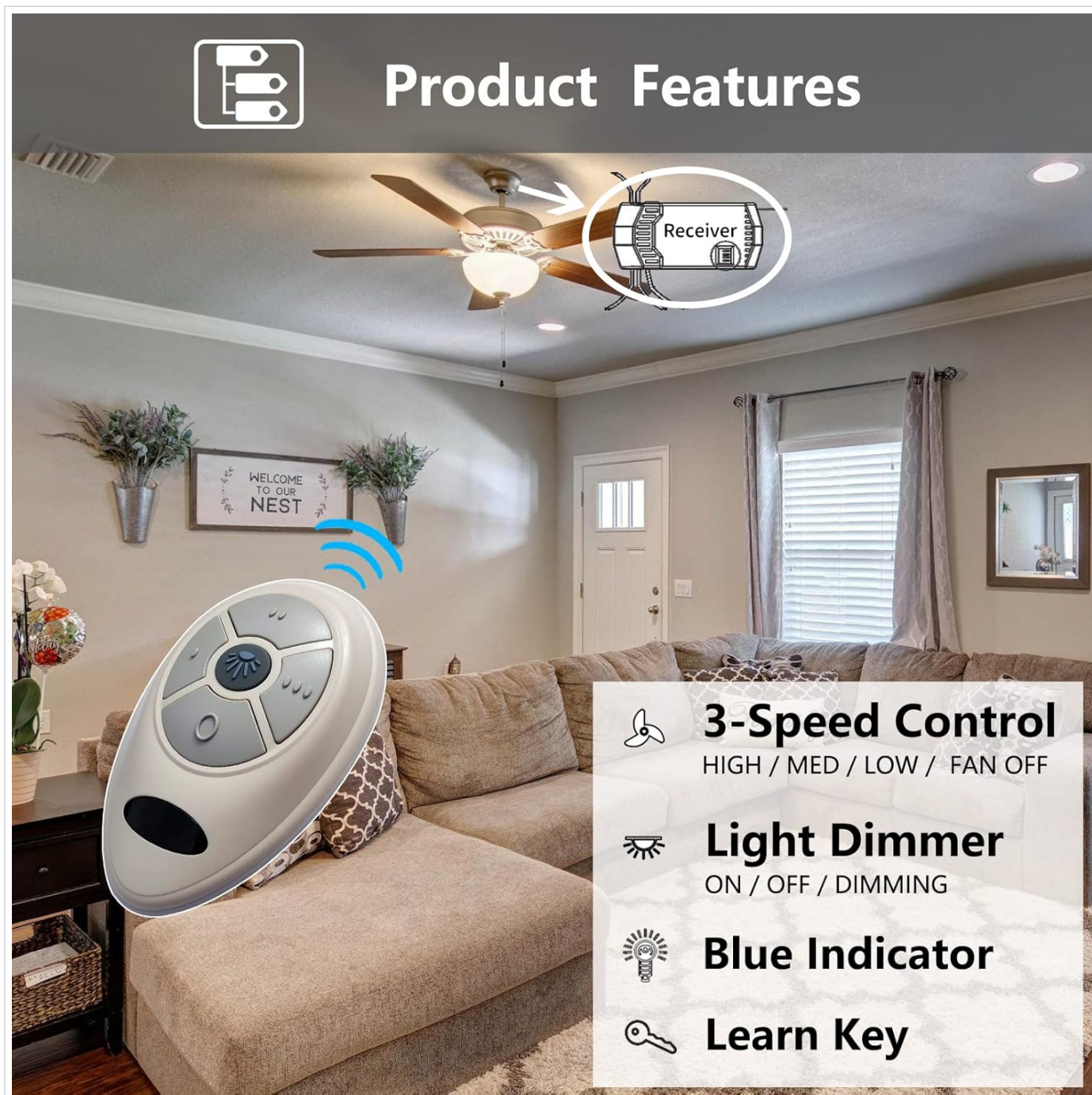


Figure 2: Key features of the remote control kit, including fan speed and light dimming.

COMPATIBILITY

This universal kit is designed for wide compatibility with various ceiling fan brands and light bulb types.

- **Ceiling Fans:** Works with most major 3-speed 110V AC ceiling fans, compatible with brands such as Harbor Breeze, Allen Roth, Kichler, Hunter, and Hampton Bay.

- **Fan Style:** Compatible with most downrod style fans. Not recommended for use with hugger style fans, wall-mounted fans, or exhaust-type fans.
- **Light Bulbs:** Light dimmer is compatible with incandescent light bulbs and dimmable LED lamps. Non-dimmable LED lamps and all CFL lamps will only support ON/OFF function and may flicker if dimming is attempted.



Compatibility



❌ Not recommended for use with wall mounted fans or exhaust-type fans



✅ Compatible with most downrod style fans



❌ Not Compatible CFL Lamps



⚠️ Compatible Some LED Lamps



✅ Halogen & Incandescent Lamps

Note:

Compatible with incandescent light bulbs and some dimmable LED lamps, other LED lamps and all CFL lamps only support ON and OFF function.

Figure 3: Compatibility details for ceiling fan types and light bulbs.

PACKAGE CONTENTS

Verify that all items are included in your package:

1. Remote Control (1)
2. Receiver (1) - Dimensions: 4.65 x 2.09 x 1.18 inches
3. Wall Mount Holder (1)
4. User Guide (1)
5. Wire Nuts (6)
6. Screws (2)



Packing List

① Remote control



② Wall mount holder



③ Receiver



④ Wire nuts and screws



⑤ User manual

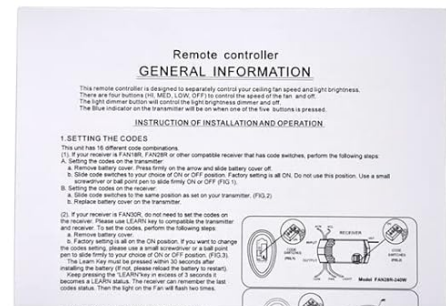


Figure 4: All components included in the FAN-35T1 Kit.

SETUP AND INSTALLATION

1. Setting the Codes (DIP Switches)

Both the remote control and the receiver have DIP switches. To ensure proper communication, the codes on the transmitter (remote) and the receiver must match. The factory setting is all up, but avoid using this position if possible to prevent interference with other devices.



Settings



Note: 1, Setting the same codes on the transmitter and the receiver, factory setting is all up, but do not use this position.

2, The remote control uses a 12V battery and is NOT included in the package.

Figure 5: Setting DIP switches and installing the remote battery.

2. Installing Receiver in Ceiling Fan

Before installation, ensure the size of your ceiling fan's canopy is sufficient to accommodate the receiver (4.65 x 2.09 x 1.18 inches). Follow the wiring diagram carefully.

1. Turn off power to the ceiling fan at the circuit breaker.
2. Remove the canopy of your ceiling fan.
3. Connect the receiver wires to the fan and house wiring using the provided wire nuts, following the diagram below.
4. Carefully tuck the receiver into the fan canopy.
5. Reattach the fan canopy.



Installation and Setup



WARNING

Safety precautions:

WARNING: HIGH VOLTAGE!

Disconnect power by removing fuse or switching off circuit breaker.

Do not use with solid state fans.

Electrical wire must meet all local and national electrical code requirements.

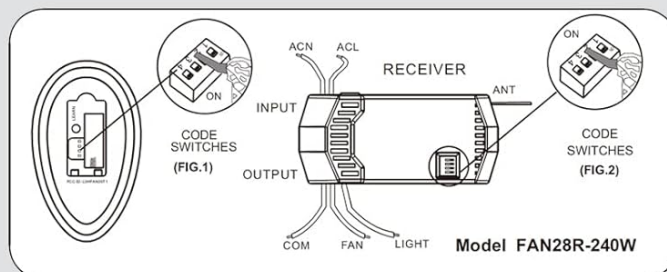
Supply for fan must be 110/120 volt, 60Hz.

Maximum fan motor amps: 1.0,

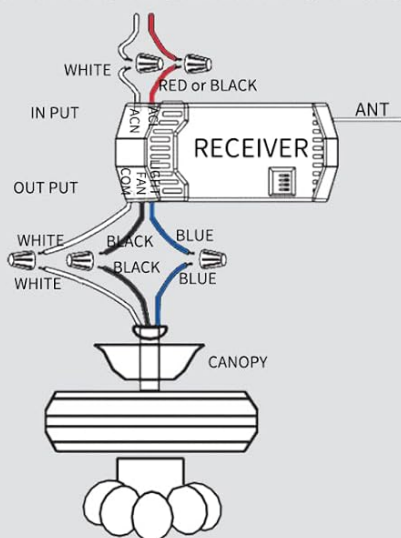
Maximum light watts: 240 incandescent or ballast.

Otherwise power can cause serious injury or death.

1. SETTING THE CODES



2. INSTALLING RECEIVER IN CEILING FAN



3. OPERATING TRANSMITTER

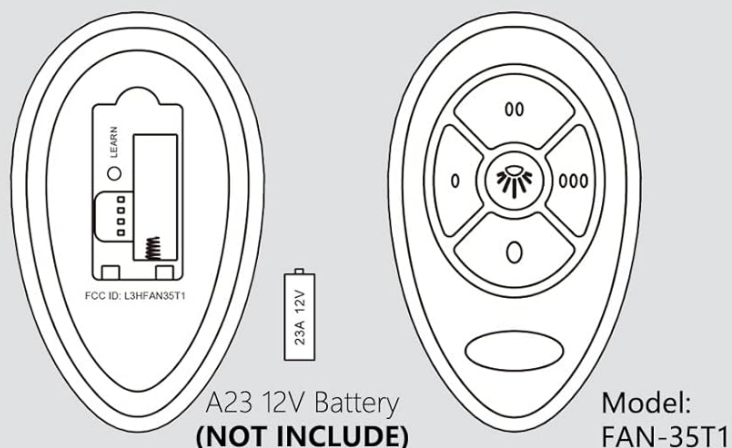


Figure 6: Wiring connections for receiver installation.

3. Battery Installation (Remote Control)

The remote control requires one 12V battery (not included). Open the battery compartment on the back of the remote and insert the battery, observing correct polarity. (Refer to Figure 5 for visual guidance).

OPERATING THE REMOTE CONTROL

Once the receiver is installed and the remote has a battery, restore power to the ceiling fan. You can now operate your fan and light using the remote control.

Remote Control Button Functions

Button	Function
HI	Sets fan speed to High.

Button	Function
MED	Sets fan speed to Medium.
LOW	Sets fan speed to Low.
OFF	Turns the fan off.
Light Button (Sun/Bulb icon)	Turns the light ON/OFF. Press and hold to dim or brighten the light.

Note: This remote does not have a reverse button. For fans with a reverse function, the switch is typically located on the fan motor housing. Turn off the fan and wait for the blades to stop before manually flipping the reverse switch.

MAINTENANCE

- **Cleaning:** Wipe the remote and receiver with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** Replace the 12V battery in the remote control when its range decreases or it stops responding. Dispose of old batteries responsibly.
- **Receiver Longevity:** The FAN28R receiver is designed for durability. Ensure proper ventilation within the fan canopy to prevent overheating.

TROUBLESHOOTING

Common Issues and Solutions

Problem	Possible Cause	Solution
Fan or light does not respond to remote.	No power to the fan.	Check circuit breaker and wall switch. Verify DIP switch settings on both remote and receiver match. Replace the 12V battery in the remote. Ensure proper wiring connections.
	Incorrect DIP switch settings.	
	Dead or weak remote battery.	
	Remote not paired with receiver.	
Light flickers when dimming.	Non-dimmable LED or CFL bulbs.	Replace with dimmable incandescent or dimmable LED bulbs. Note that some LED bulbs may still flicker. All CFL bulbs are non-dimmable.
Limited remote range.	Weak remote battery or interference.	Replace the remote battery. Ensure no large metal objects are obstructing the signal path.

SPECIFICATIONS

Feature	Detail
Product Dimensions (Receiver)	4.65 x 2.09 x 1.18 inches
Item Weight	7 ounces
Model Number	FAN28R FAN-35T1

Feature	Detail
Batteries Required	1 x 12V battery (for remote, not included)
Compatible Devices	110V 3-Speed AC Ceiling Fan
Max Fan Motor Amps	1.0A
Max Light Watts	240W (Incandescent or Ballast)
Color	Cream White
Manufacturer	CENMING

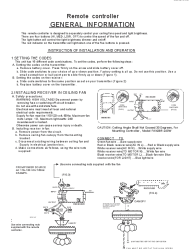
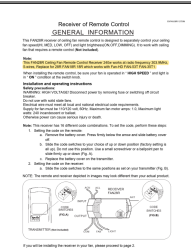
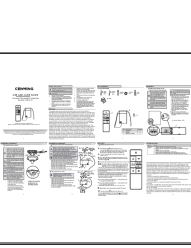
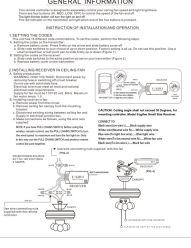


Figure 7: Product dimensions for the remote and receiver.

CENMING is committed to product quality and customer satisfaction. While specific warranty details are not provided in this manual, for any issues, questions, or support needs, please contact the manufacturer directly through their official channels or the retailer where the product was purchased.

For additional information or assistance, you may refer to the official CENMING store on Amazon:[CENMING Store](#).

Related Documents - FAN28R FAN-35T1

	<p>Universal Ceiling Fan Remote Control and Receiver Installation and Operation Guide</p> <p>This guide provides instructions for installing and operating a universal ceiling fan remote control kit, including setting codes, wiring the receiver, operating the transmitter, and troubleshooting common issues. It covers models like FAN28R and FAN-53T.</p>
	<p>CENMING FAN28R Ceiling Fan Remote Control Receiver Installation Guide</p> <p>Detailed installation and operation guide for the CENMING FAN28R Ceiling Fan Remote Control Receiver. Learn how to set codes, wire the 240w, 303.9MHz receiver, and control fan speed and light. Includes safety precautions and replacement information for various fan models.</p>
	<p>CENMING Universal Thermostatic Ceiling Fan Remote Control Kit - Use and Care Guide</p> <p>Comprehensive guide for the CENMING Universal Thermostatic Ceiling Fan Remote Control Kit, covering safety information, pre-installation, installation, operation, and troubleshooting. Includes details on setting codes, wiring, and remote functions.</p>
	<p>Eogiffee Small Size Remote Control for Ceiling Fans - User Manual</p> <p>Comprehensive guide for installing and operating the Eogiffee Small Size Universal Ceiling Fan Remote Control and Receiver. Learn how to set codes, wire the receiver, operate the transmitter, and troubleshoot common issues.</p>