

Prichor RC-92T&RC-92R

Prichor Universal Ceiling Fan Remote Control Kit RC-92R&RC-92T User Manual

Model: RC-92T&RC-92R

1. PRODUCT OVERVIEW

This Prichor Universal Ceiling Fan Remote Control Kit is designed to replace existing remote control systems for most 110V, 3-speed AC ceiling fans. It offers convenient control over fan speed and light functions, including dimming for incandescent bulbs. The kit operates at a frequency of 315MHz and is compatible with various brands such as Hunter, Hampton Bay, and Westinghouse.



Image 1.1: The Prichor RC-92T remote control (left) and the RC-92R receiver unit (right). The receiver displays electrical ratings and usage instructions.



Image 1.2: Compatibility information. The kit is compatible with most downrod style fans and halogen/incandescent lamps. It is not recommended for wall-mounted or exhaust-type fans. Dimmable LED and CFL lamps may also be compatible.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- RC-92T Remote Control (1)
- Receiver (1)
- Wall Mount Holder (1)
- User Manual (1)
- Wire Nuts (6)
- Screws (2)

Note: A 12V battery for the remote control is not included and must be purchased separately.



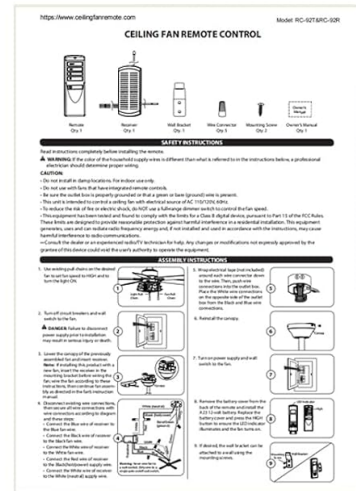
Packing List



① Remote * 1



② Receiver * 1



③ User manual * 1



④ Remote Bracket * 1



⑤ Wire nuts * 6



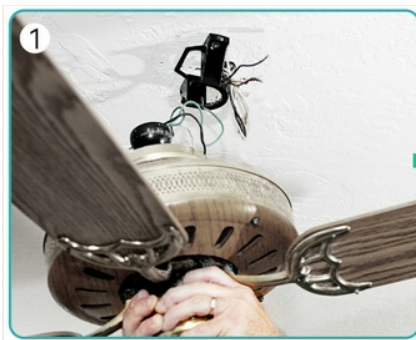
⑥ Screws * 2

Image 2.1: Visual representation of the package contents, including the remote, receiver, wall bracket, wire nuts, screws, and user manual.

3. SAFETY PRECAUTIONS

WARNING: HIGH VOLTAGE!

- Always disconnect power by removing the fuse or switching off the circuit breaker before installation or maintenance. Failure to do so can result in serious injury or death.
- Do not use this kit with solid-state fans.
- All electrical wiring must meet local and national electrical code requirements. If you are unsure, consult a qualified electrician.
- Supply for the fan must be 110/120 Volt, 60Hz.
- Maximum fan motor amps: 1.0A.
- Maximum light watts: 240W (for incandescent, CFL, or LED lighting).



Disconnect the ceiling fan wiring



Install the controller according to the cable

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: 300 dimmable LED or incandescent only. Otherwise power can cause serious injury or death.

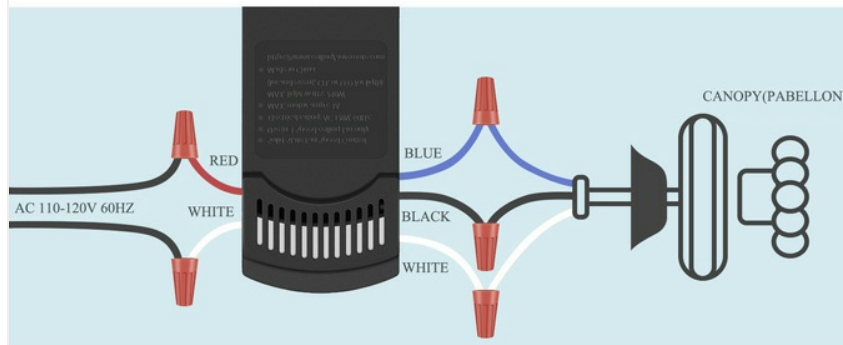


Image 3.1: Illustration of disconnecting power and installing the controller, alongside important safety warnings and a detailed wiring diagram.

4. SETUP AND INSTALLATION

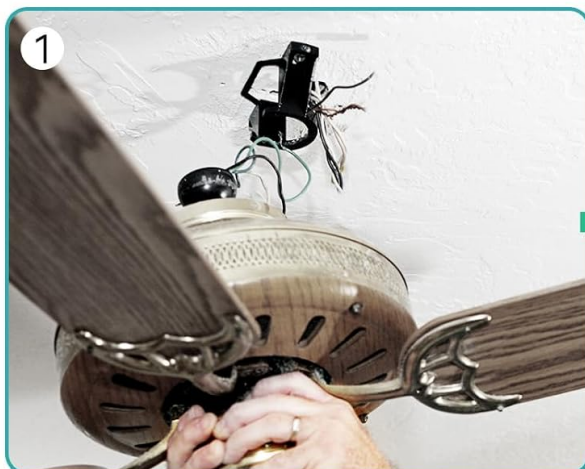
Follow these steps carefully to install your new ceiling fan remote control kit:

1. **Disconnect Power:** Before beginning any installation, ensure the power to the ceiling fan is completely disconnected at the circuit breaker.
2. **Access Wiring:** Remove the canopy of your ceiling fan to access the existing wiring.
3. **Install Receiver:** Connect the receiver unit according to the wiring diagram provided. Use the included wire nuts to secure connections. Ensure all connections are tight and properly insulated. The receiver is designed to fit within the fan's canopy.
4. **Wiring Diagram:**
 - **AC 110-120V 60Hz (Input):** Connect the **RED** wire from the receiver to the live wire from the house supply. Connect the **WHITE** wire from the receiver to the neutral wire from the house supply.
 - **To Fan (Output):** Connect the **BLUE** wire from the receiver to the fan's light wire. Connect the **BLACK** wire from the receiver to the fan's motor wire. Connect the **WHITE** wire from the receiver to the fan's neutral wire.
5. **Secure Canopy:** Once the receiver is installed and wired, carefully tuck all wires into the canopy and reattach the canopy to the ceiling fan.
6. **Install Remote Battery:** Open the battery compartment on the back of the RC-92T remote control and insert one 12V battery (not included), ensuring correct polarity.
7. **Initial Power On:** Restore power to the ceiling fan at the circuit breaker. Turn on the fan and light using your original wall switch, setting the fan to its highest speed.
8. **Pairing (Learning Function):** The kit is pre-configured. If it fails to work, you may need to re-match the remote and receiver. Within 30 seconds of restoring power to the fan, press and hold the "LEARN" button located inside the remote's battery compartment for 3-5 seconds. You will hear a

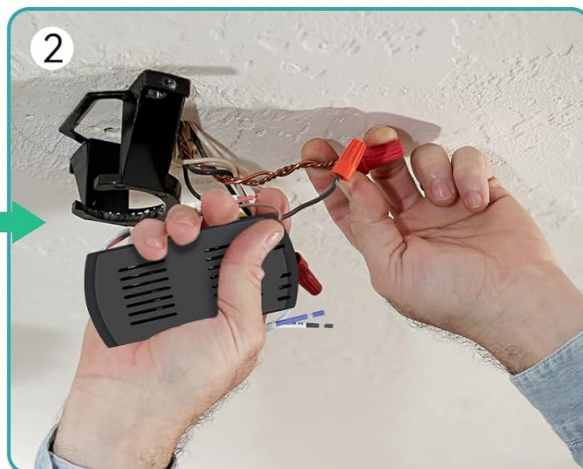
beep or see the indicator light flash a few times, confirming successful pairing.



Installation



Disconnect the ceiling fan wiring



Install the controller according to the cable

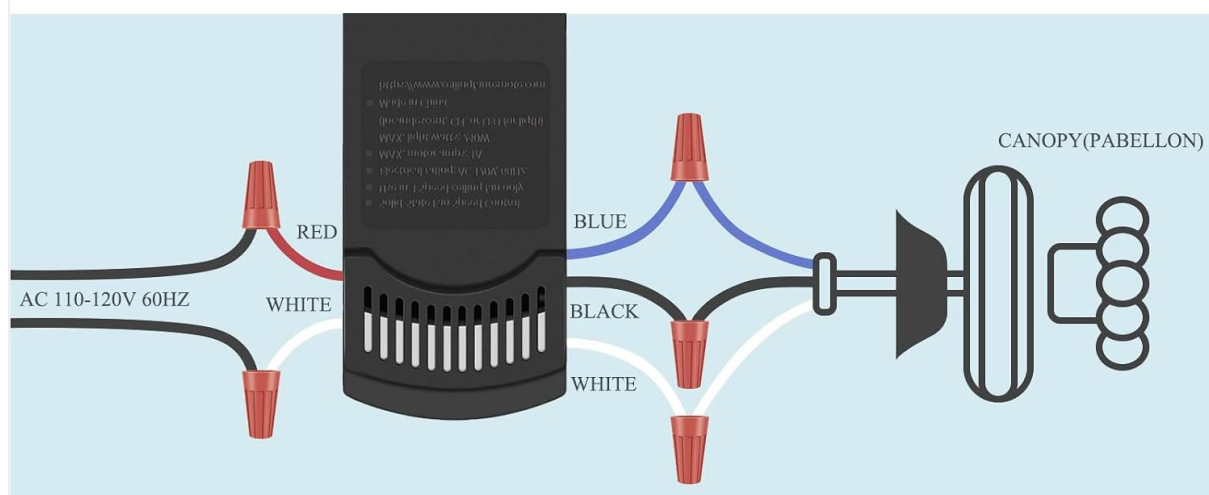


Image 4.1: Step-by-step visual guide for disconnecting fan wiring and installing the controller, including a clear wiring diagram.



Remote Control Setting



The remote control uses a 12V battery but is NOT included in the package.

NOTE:

The production settings of RC-92T&RC-92R have been configured and can be used directly.

If it fails to work, please use the learn button to re-match.

- ① Disconnect the receiver's power cord and connect it again to restart the receiver.
- ② Please press the "LEARN" Button of the remote control within 30 seconds and keep this action for 3-5 seconds.
- ③ If you hear receiver making a beeping sound or the indicator light flashes a few times, the match is successful.

Image 4.2: Location of the "LEARN" button inside the remote control's battery compartment, used for pairing the remote with the receiver.



Image 4.3: The D/CFL switch located within the remote's battery compartment. This switch may need to be adjusted based on the type of light bulbs used (D for dimmable incandescent, CFL for non-dimmable LED/CFL).

5. OPERATING INSTRUCTIONS

The RC-92T remote control provides intuitive operation for your ceiling fan and light.



The Function of Remote

COMFORT AT THE TOUCH OF A BUTTON

Remote control with 3 selectable setting included.

The frequency of this remote is **315MHz**.



High Fan Speed

Medium Fan Speed

Low Fan Speed

Fan Power/Light Delay Off Mode

Turns fan off and on or hold for 5 seconds to enable light delay mode as a secondary feature.

Light On/Off/Dimmer

Turns lights on and off or press and hold to brighten or dim light.



**3 Speed
Remote**



**Light Delay
Mode**



**Operate
Distance**

Image 5.1: Diagram illustrating the functions of each button on the RC-92T remote control.

- **High Fan Speed:** Press the top button (three dots) to set the fan to high speed.
- **Medium Fan Speed:** Press the second button (two dots) to set the fan to medium speed.
- **Low Fan Speed:** Press the third button (one dot) to set the fan to low speed.
- **Fan Power / Light Delay Off Mode:** Press the fourth button (power symbol) to turn the fan off. Press and hold this button for 5 seconds to enable the light delay off mode.
- **Light On/Off/Dimmer:** Press the bottom button (sun symbol) to turn the light on or off. Press and hold this button to brighten or dim the light.

Note: The dimming function works with incandescent bulbs. For LED bulbs, this button will only control on/off functionality.



Image 5.2: The remote control interface highlighting the 3-speed fan control and the light on/off/dimmer function.



Image 5.3: Visual representation of the dimmable function, allowing brightness adjustment from 10% to 100% for compatible bulbs.

6. MAINTENANCE

This remote control kit requires minimal maintenance.

- **Battery Replacement:** Replace the 12V battery in the remote control when its operational range decreases or the indicator light no longer illuminates.
- **Cleaning:** Wipe the remote control and receiver with a soft, dry cloth. Do not use abrasive cleaners or allow moisture to enter the units.

- **Environmental Conditions:** Ensure the receiver is installed in a dry location, protected from direct moisture.

7. TROUBLESHOOTING

If you encounter issues with your remote control kit, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Fan or light does not respond to remote.	• No power to the fan. • Remote battery is dead or incorrectly installed. • Remote and receiver are not paired. • Incorrect wiring.	• Check circuit breaker and wall switch. • Replace 12V battery in remote, ensure correct polarity. • Perform pairing procedure (Section 4, Step 7). • Verify wiring connections (Section 4, Step 3).
Light does not dim.	• Using non-dimmable LED or CFL bulbs. • D/CFL switch set incorrectly.	• Ensure incandescent bulbs are used for dimming. LED bulbs will only turn on/off. • Check the D/CFL switch inside the remote's battery compartment.
Fan operates at only one speed.	• Incorrect wiring. • Receiver malfunction.	• Verify wiring connections (Section 4, Step 3). • Contact customer support if problem persists.

8. SPECIFICATIONS

- **Model Number:** RC-92T&RC-92R
- **Product Dimensions (Remote):** 1.46 x 0.47 x 4.53 inches (3.7 x 1.2 x 11.5 cm)
- **Product Dimensions (Receiver):** 2.08 x 0.79 x 4.65 inches (5.3 x 2.0 x 11.8 cm)
- **Item Weight:** 6.7 ounces (190 grams)
- **Electrical Rating:** AC 120V, 60Hz
- **Max Motor Amps:** 1A
- **Max Light Watts:** 240W (Incandescent, CFL, or LED)
- **Remote Frequency:** 315MHz
- **Battery Requirement:** 1 x 12V battery (not included)
- **Special Features:** 3 speeds, light on/off/dimmer



Product Size

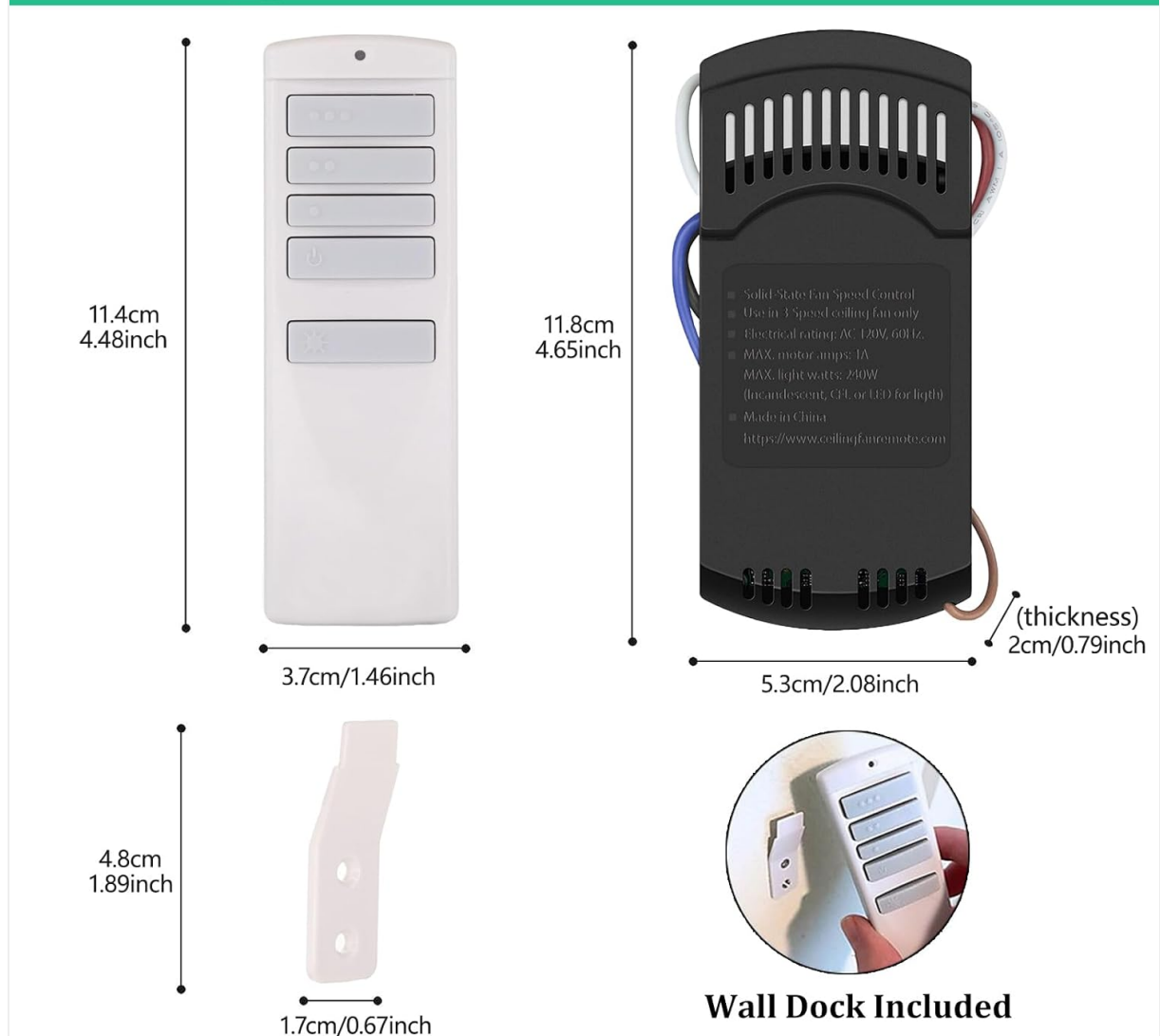


Image 8.1: Detailed measurements for the remote control, receiver, and the included wall dock.

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the Prichor brand store on Amazon. Keep your purchase receipt for warranty claims.

Prichor Store: [Visit the Prichor Store on Amazon](#)