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Breeze Bay RC72T & RC72R

Breeze Bay Universal 3-Speed Ceiling Fan Remote Control Kit

Model: RC72T & RC72R

Instruction Manual

1. Introduction

This manual provides detailed instructions for the installation, setup, and operation of your Breeze Bay Universal 3-Speed Ceiling Fan Remote Control Kit (Model RC72T & RC72R). This kit is designed to provide convenient control over your ceiling fan's speed and light functions, including dimming capabilities and a walk-away time delay feature. It is compatible with most 3-speed AC ceiling fans from various brands, including Hampton Bay, Home Decorators Collection, and Hunter.

Please read this manual thoroughly before installation and use to ensure proper function and safety.

2. Product Components

The Breeze Bay Universal 3-Speed Ceiling Fan Remote Control Kit includes the following items:

- Remote Control (RC72T)
- Receiver (RC72R)
- Wall Mount Holder for Remote
- Plastic Wire Connectors
- Mounting Screws
- User Manual (this document)



Image: Overview of the remote control, receiver, and wall mount holder included in the kit.



Image: A visual list of all components provided in the product package, including the receiver, remote, wall mount, wire connectors, screws, and the user manual.

3. Specifications

Feature	Specification
Model Numbers	RC72T (Remote), RC72R (Receiver)
Input Voltage	AC 110-120V, 60Hz
Max Fan Motor Amps	1.0A
Max Light Watts	300W (Dimmable LED or Incandescent)

Remote Battery	1 x 12V battery (not included)
Product Dimensions (Remote)	3.54 x 1.38 inches (9cm x 3.5cm)
Product Dimensions (Receiver)	4.72 x 2.08 inches (12cm x 5.5cm)
Item Weight	6.4 ounces
Special Feature	Universal compatibility, Light Dimmer, Walk Away Time Delay

4. Safety Information

WARNING: HIGH VOLTAGE! Disconnect power before installation or servicing.

- Always disconnect power at the circuit breaker or fuse box before attempting any installation or wiring. Failure to do so can result in serious injury or death.
- All electrical wiring must comply with local and national electrical code requirements. If you are unsure about wiring procedures, consult a qualified electrician.
- The electrical source and fan must be 110-120 volts, 60Hz.
- Do not use this product in conjunction with any variable wall control (e.g., a dimmer switch for the fan speed).
- Incorrect wire connection can damage the receiver and potentially the fan.
- Ensure your ceiling fan canopy has sufficient space to accommodate the receiver.

5. Setup: DIP Switch Configuration

Before installing the receiver, you must set the DIP switches on both the remote control and the receiver to the same pattern. This ensures proper communication between the two units.

1. **Access DIP Switches:** Open the battery compartment on the remote control to locate the DIP switches. On the receiver, the DIP switches are typically located on the side.
2. **Set Code:** Set the 4-position DIP switches (labeled 1, 2, 3, 4) on both the remote and the receiver to an identical pattern. Avoid using the default setting of '0000' as it may cause interference with other devices.
3. **Set Dimming Option (O/D Switch):** The remote control also features an 'O/D' (On/Dim) dip switch. If you are using dimmable light bulbs, set this switch to the 'D' position. If your bulbs are non-dimmable, set it to the 'O' position. This must be set beforehand for proper light control.



Image: Illustration of DIP switch settings on the remote and receiver. Ensure the 4-digit code matches on both units. The 'O/D' switch on the remote controls dimming functionality.

6. Installation

Follow these steps carefully to install the receiver into your ceiling fan.

1. **Disconnect Power:** Turn off the power to the ceiling fan at the circuit breaker or fuse box. Verify power is off before proceeding.
2. **Access Fan Wiring:** Remove the canopy from your ceiling fan to expose the wiring connections.
3. **Install Receiver:** Connect the receiver wires to the fan and household wiring according to the wiring diagram provided below. Use the included plastic wire connectors to secure all connections. Ensure all connections are tight and insulated.
4. **Position Receiver:** Carefully tuck the receiver into the fan canopy, ensuring it does not interfere with the fan's

operation or wiring.

5. **Reattach Canopy:** Securely reattach the fan canopy.
6. **Restore Power:** Turn the power back on at the circuit breaker.



Image: Step-by-step visual guide for installation, including disconnecting power, installing the receiver, and a color-coded wiring diagram for connecting the receiver to AC power and the fan.

Important Considerations for Existing Fan Controls:



Image: Instructions for configuring pull chain and wall switches to ensure compatibility with the remote control kit.

- **For Pull Chain Fans:** If your ceiling fan has pull chains, before using the wireless remote control, ensure the light pull chain is in the 'ON' position and the fan speed pull chain is set to the 'MAXIMUM' speed. This allows the remote to control the fan and light functions.
- **For Wall Switch Controlled Fans:** If your fan is controlled by a wall switch with speed adjustments, you must turn the wall fan switch to the maximum speed setting. This ensures the receiver receives constant power. Otherwise, the receiver may burn out, or the fan speed may slow down until it stops completely.

7. Operating Instructions

Insert one 12V battery (not included) into the remote control. Once installed and powered, you can operate your ceiling fan using the remote.



Image: The remote control with its buttons for power, fan speed, and light control, along with blue indicator lights.

- **Power Button ( ):** Press to turn the fan and light ON or OFF.
- **Fan Speed Button ( ):** Cycles through fan speeds: Low, Medium, High, Off. The blue indicator lights will show the current speed setting.
- **Light Button ( ):** Press to turn the light ON or OFF.
- **Light Dimming:** If the 'O/D' switch on the remote is set to 'D' and you are using dimmable bulbs, press and hold the Light button ( ) to adjust the brightness of the light. Release when the desired brightness is reached.
- **Walk Away Time Delay:** Press and hold the Power button ( ) to activate the walk-away time delay feature. The light will remain on for approximately 30 seconds, allowing you to exit the room before it turns off.

8. Compatibility

This universal remote control kit is designed to work with a wide range of ceiling fans and light bulbs.

- **Ceiling Fans:** Compatible with most 3-speed AC ceiling fans, including those from Hampton Bay, Home Decorators Collection, Hunter, Harbor Breeze, Westinghouse, Litex, and Honeywell. It is suitable for most downrod style fans but not recommended for hugger style fans.
- **Light Bulbs:** Compatible with LED, CFL, and incandescent light bulbs. For dimming functionality, ensure your LED or CFL bulbs are specifically labeled as dimmable. Some LED and CFL lamps are not dimmable and will only support ON/OFF functions.



Image: Visual representation of light bulb compatibility, indicating maximum wattage for Halogen/Incandescent, Dimmable CFL, and Dimmable LED bulbs.

9. Troubleshooting

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

- **Remote Not Working:**
  - Check if the 12V battery in the remote control is installed correctly and has sufficient charge. Replace if necessary.
  - Verify that the DIP switch settings on both the remote and the receiver are identical.
  - Ensure the power to the fan is ON at the circuit breaker and any wall switches are set to the 'ON' or maximum speed position.

- Confirm that the receiver is correctly wired according to the installation instructions.

- **Light Not Dimming:**
  - Check the 'O/D' dip switch on the remote control. It must be set to 'D' for dimming functionality.
  - Ensure that the light bulbs you are using are specifically rated as dimmable. Non-dimmable bulbs will only turn On/Off.
- **Fan Speed Issues (e.g., only one speed, no speed change):**
  - For pull chain fans, ensure the fan's pull chain is set to the highest speed.
  - For wall switch controlled fans, ensure the wall switch is set to the maximum speed.
  - Verify DIP switch settings are identical on remote and receiver.
- **Interference from Other Remotes:**
  - If your fan is activated by another remote or a neighbor's remote, change the DIP switch pattern on both your remote and receiver to a new, unique combination.

10. Maintenance

- **Battery Replacement:** When the remote control's range decreases or it becomes unresponsive, replace the 12V battery. Ensure correct polarity when inserting the new battery.
- **Cleaning:** Clean the remote control and receiver with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Storage:** Store the remote control in a dry place away from extreme temperatures.

11. Warranty and Support

Breeze Bay is committed to providing quality products and customer satisfaction. If you encounter any problems or have concerns regarding your Universal 3-Speed Ceiling Fan Remote Control Kit, please contact our customer support team. We aim to respond within 24 hours and provide satisfactory solutions.

For support, please refer to the contact information provided with your purchase or visit the Breeze Bay official website.

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