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Breeze Bay Fan-HD5

Breeze Bay Universal Ceiling Fan Remote Control and Receiver Kit (Model Fan-HD5)

Instruction Manual

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Breeze Bay Universal Ceiling Fan Remote Control and Receiver Kit. This kit is designed to upgrade most 110V 3-speed AC ceiling fans, offering convenient control over fan speed and light functions.

2. Safety Information

- Always turn off the power at the circuit breaker or fuse box before beginning installation or performing any maintenance. Failure to do so may result in electric shock, injury, or death.
- Ensure all wiring connections are secure and comply with local electrical codes. If you are unsure about wiring, consult a qualified electrician.
- Do not use this kit with DC (direct current) ceiling fans. It is designed for 110V 3-speed AC (alternating current) ceiling fans only.
- The receiver's rated power is 240W. Do not exceed this wattage to prevent damage or fire.
- Keep the remote control away from water and excessive moisture.
- This remote control does not include a reverse function for the fan.

3. Package Contents

- 1 x Ceiling Fan Remote Control
- 1 x Remote Holder
- 1 x Ceiling Fan Receiver
- 6 x Wire Nuts
- 2 x Screws
- 1 x Luminous Sticker

4. Product Overview

The kit consists of a handheld remote control and a receiver unit. The receiver is installed within the ceiling fan canopy, allowing the remote to wirelessly control the fan's speed and light.



Image 1: Remote control and receiver units.

5. Setup and Installation

5.1 Before Installation

Before proceeding with installation, ensure the power supply to the ceiling fan is completely disconnected at the main circuit breaker. Verify that the fan is turned off and cannot be accidentally activated.

5.2 DIP Code Setting

To prevent interference with other remote-controlled devices, the remote control and receiver must have matching DIP switch settings. Locate the DIP switches on both units and set them to the same pattern.

1. Open the battery compartment of the remote control to access the DIP switches.
2. Locate the DIP switches on the receiver unit.
3. Set the switches on both the remote and the receiver to an identical pattern. For example, if switch 1 is ON on the remote, it must be ON on the receiver.



Image 2: Ensure DIP switch settings match on both remote and receiver.

5.3 Receiver Wiring

Install the receiver into the ceiling fan canopy. Follow the wiring diagram provided with your ceiling fan or consult a qualified electrician if needed. The receiver has clearly labeled wires for connection.

1. Connect the **Black** wire from the receiver to the**Black (Live)** wire from the ceiling.
2. Connect the **White** wire from the receiver to the**White (Neutral)** wire from the ceiling.
3. Connect the **Blue** wire from the receiver to the**Light** wire of the fan.
4. Connect the **Red** wire from the receiver to the**Fan Motor** wire of the fan.
5. Secure all connections with the provided wire nuts.
6. Carefully tuck the receiver and wires into the fan canopy, ensuring no wires are pinched.

5.4 Important Considerations

Attention:

- **For Ceiling Fans with Pull Chains:** After installing the remote kit, ensure the light pull chain is pulled to the ON position and the fan speed pull chain is pulled to the highest speed setting. The remote control will not function correctly if the pull chains are not in these positions.
- **For Ceiling Fans with Wall Switches (3-speed adjustment):** If your wall switch has a 3-speed adjustment, you must set the wall switch to the maximum speed setting for the ceiling fan. This ensures the receiver operates correctly. Failure to do so may cause the receiver to overheat or the fan speed to decrease until it stops.



Image 3: Instructions for pull chain and wall switch settings.

6. Operating Instructions

Once the receiver is installed and power is restored, you can operate your ceiling fan and light using the remote control.



Image 4: Operating a ceiling fan with the remote control.

6.1 Remote Control Functions

- **LIGHT / DIMMER:** Press once to turn the light ON or OFF. Press and hold to dim or brighten compatible lights.
- **HI:** Sets the fan speed to High.
- **MED:** Sets the fan speed to Medium.
- **LO:** Sets the fan speed to Low.
- **FAN OFF:** Turns the fan OFF.

6.2 Light Dimmer Compatibility

The LIGHT / DIMMER button controls the brightness of halogen and incandescent lamps. It is also compatible with some dimmable LED lights. However, most LED lights and all CFL (Compact Fluorescent Lamp) lights are not dimmable. In such cases, the dimmer button will only function as an ON/OFF switch, and attempting to dim non-dimmable lights may cause flickering or damage.

7. Maintenance

- **Cleaning:** Wipe the remote control and receiver with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** The remote control uses a 9V battery (not included). Replace the battery when the remote's indicator light dims or the range decreases. Ensure correct polarity when inserting the new battery.
- **Luminous Sticker:** The included luminous sticker needs exposure to light to glow in the dark. Attach it to the remote control for easier location in low-light conditions.

8. Troubleshooting

Problem	Possible Cause	Solution
Fan or light does not respond to remote.	No power to receiver, incorrect DIP switch settings, dead remote battery, pull chain/wall switch not set correctly.	Check circuit breaker. Verify DIP switches match. Replace 9V battery in remote. Ensure pull chains are on (light) and high speed (fan). Set wall switch to max speed.
Light flickers or does not dim.	Non-dimmable light bulbs installed.	Replace with dimmable incandescent, halogen, or compatible LED bulbs.
Fan operates at only one speed or stops.	Wall switch not set to maximum speed (if applicable).	Ensure the wall switch for the fan is set to its highest speed setting.
Remote range is poor.	Low remote battery, obstructions, interference.	Replace remote battery. Ensure clear line of sight to fan.

9. Specifications

- **Brand:** Breeze Bay
- **Model:** Fan-HD5
- **Power Source:** Battery Powered (Remote), 110V AC (Receiver)
- **Voltage:** 110 Volts
- **Receiver Rated Wattage:** 240 Watts
- **Control Method:** Remote
- **Remote Battery:** 9V (not included)
- **Maximum Remote Range:** Up to 60 feet



Image 5: Dimensions of the receiver and remote control.

10. Warranty and Support

For warranty information or technical support, please refer to the product packaging or contact your retailer. Keep your purchase receipt as proof of purchase.

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