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Breeze Bay HK-RE

Breeze Bay Ceiling Fan Remote Control

Model: HK-RE (Replaces UC7078T / FAN-HD)

User Manual

1. Product Overview

This Breeze Bay remote control is designed as a replacement for specific Hampton Bay and Hunter ceiling fan remote models. It provides convenient control over your ceiling fan's speed, light, and direction from a distance. This remote features 6 buttons for comprehensive control: 3-speed settings (HI/MED/LO), an OFF button for the fan, a LIGHT/DIMMER button for light control, and a REVERSE button for changing fan direction.





Image 1.1: Front view of the remote control, showing the 'LIGHT/DIMMER', 'LO', 'MED', 'HI', 'FAN OFF', and 'REVERSE' buttons, along with the included wall mount holder and screws.

2. Compatibility

This remote control is a direct replacement for Hampton Bay/Hunter FAN-HD/UC7078T series remotes. To ensure compatibility, verify that the FCC ID or model number on the back of your original remote matches one of the following:

- L3HMAY97FANHD / L3H2003FANHD / L3H2010FANHD / L3H2014FANHD
- FAN-HD / FAN-HD5 / FAN-HD6 (with Reverse)
- CHQ8BT7078T / CHQ7078T / UC7078T (with Reverse)
- UC7078TR / UC7078TUDL
- RR7078TR (with Reverse)

This remote operates on a 303.9MHz radio frequency. If your original remote operates on a different frequency, this replacement will not be compatible, even if it appears similar.

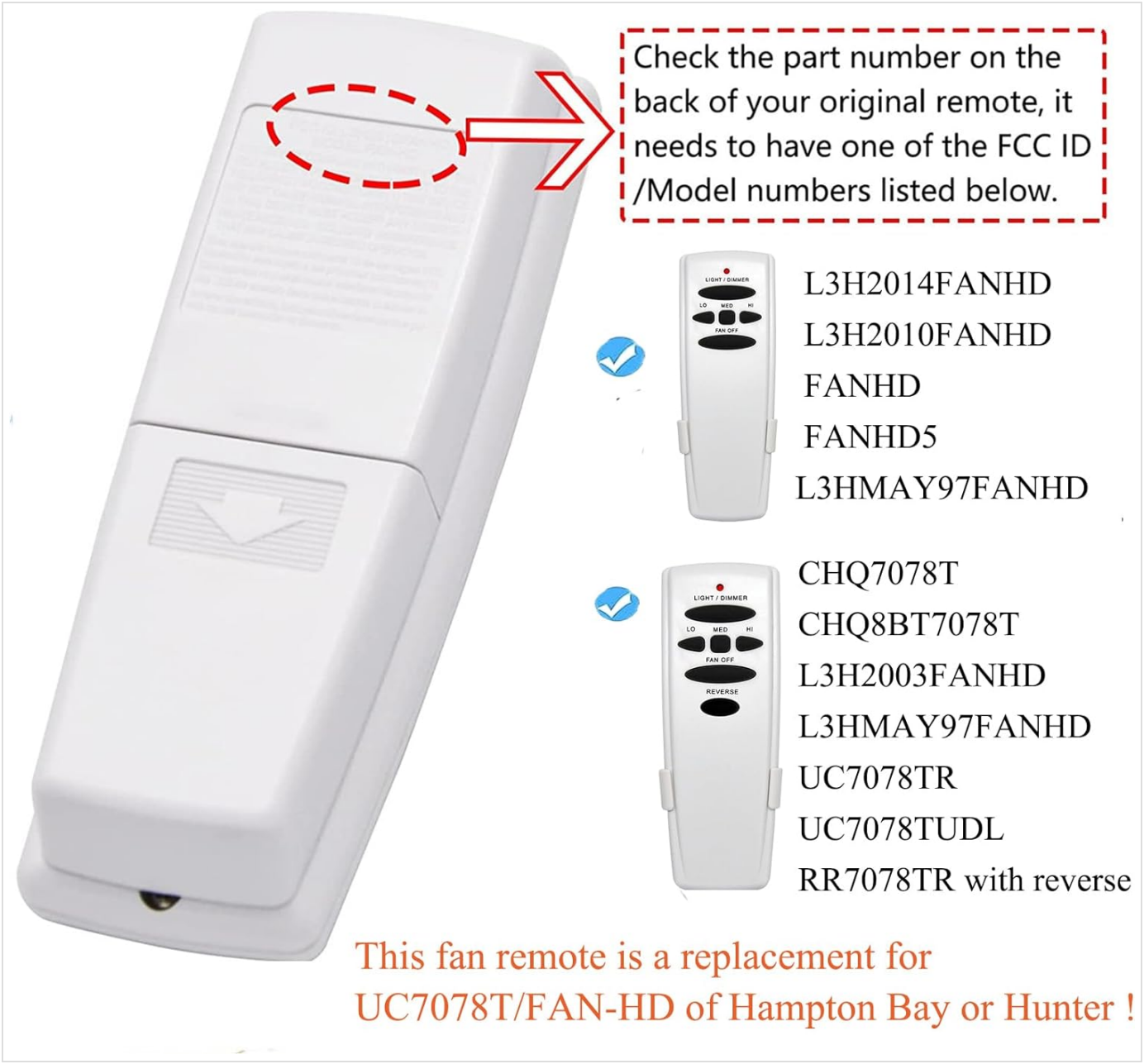


Image 2.1: Back of the remote control, illustrating where to check for the original remote's FCC ID or model number for compatibility verification.

The remote is compatible with most 3-speed AC downrod style ceiling fans. For lighting, it supports incandescent light bulbs and dimmable LED/CFL bulbs. Non-dimmable LED/CFL bulbs will only function with ON/OFF control.

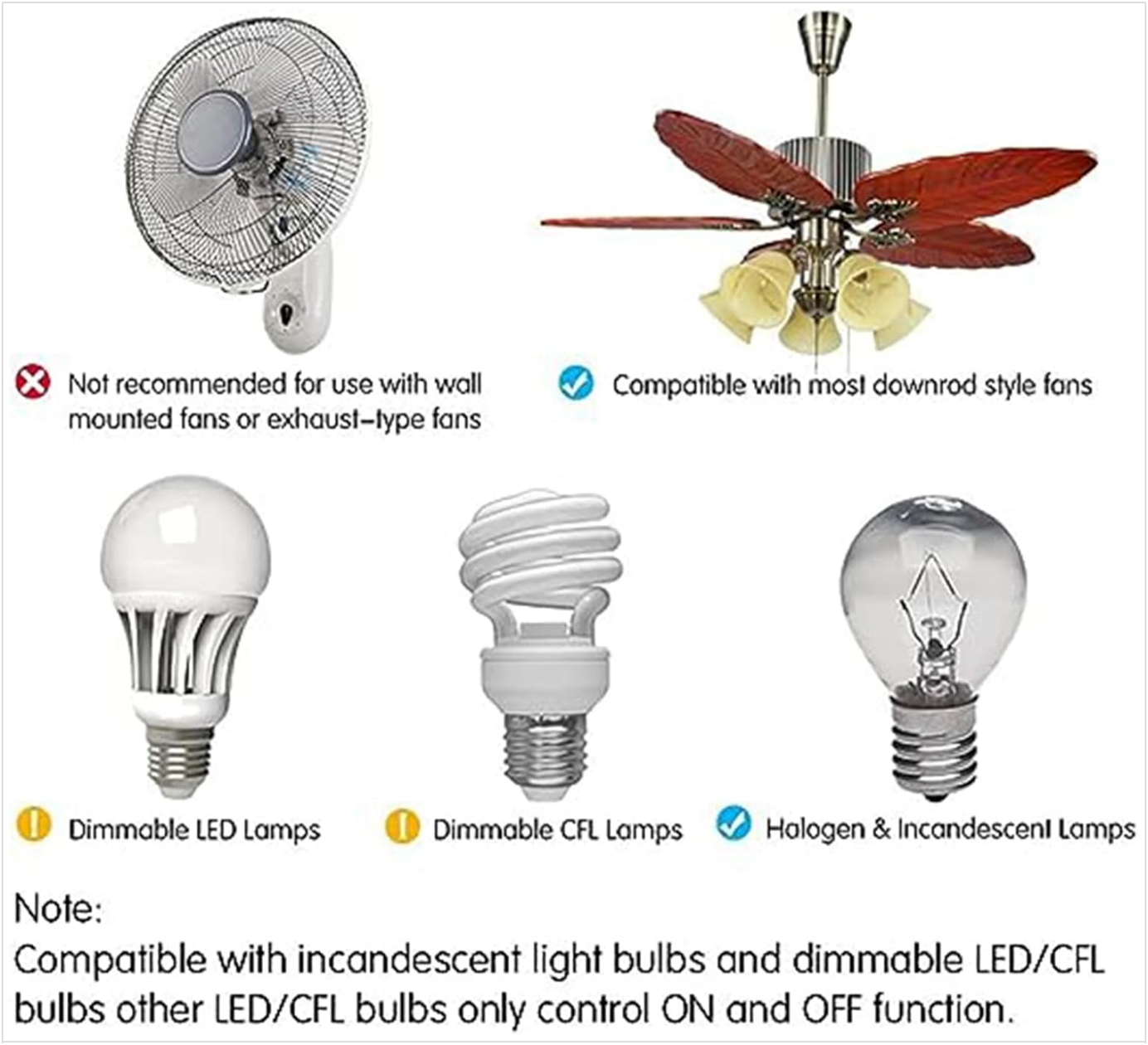


Image 2.2: Visual guide to fan and light bulb compatibility. It indicates that the remote is compatible with most downrod style fans and supports dimmable LED, dimmable CFL, halogen, and incandescent lamps.

3. Package Contents

The package includes the following items:

- 1 x Transmitter (Remote Control)
- 1 x Wall Mount Holder
- 2 x Screws for Wall Mount Holder
- 1 x Instruction Manual (this document)

Note: A 9V battery is required for the remote control and is not included in the package.

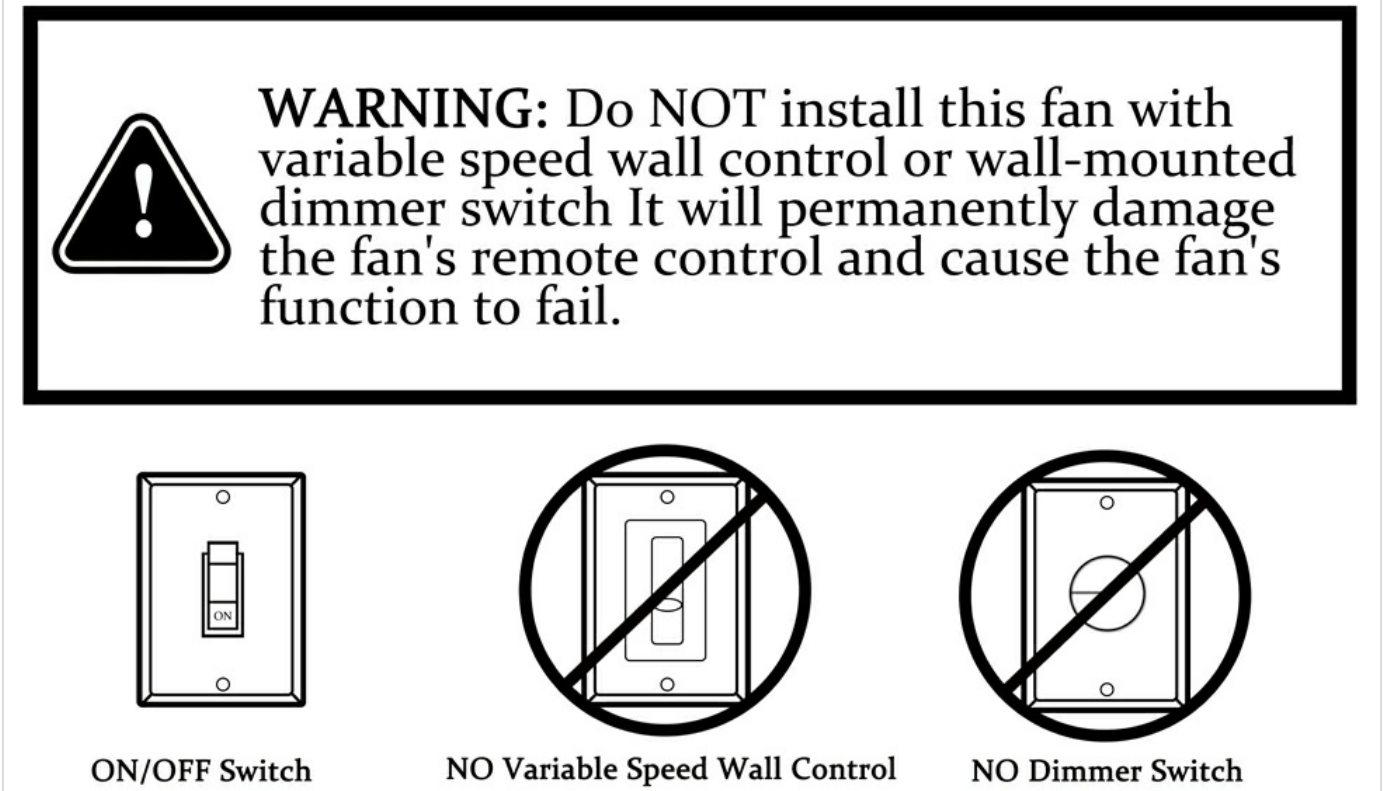


Image 3.1: An illustration of the items included in the product package: the remote control, wall mount holder, two screws, and the instruction manual.

4. Setup and Installation

4.1. Battery Installation

1. Open the battery compartment cover on the back of the remote control.
2. Insert one 9V battery, ensuring correct polarity (+/-).
3. Close the battery compartment cover securely.

4.2. Setting DIP Codes

The remote control and your ceiling fan's receiver must have matching DIP switch settings to communicate correctly. The DIP switches are typically located inside the battery compartment of your original remote and within the fan's receiver unit.

1. Locate the DIP switches in your original remote control (usually behind the battery). Note the pattern of the switches (ON/OFF or UP/DOWN).
2. Open the battery compartment of your new Breeze Bay remote. The DIP switches are hidden behind the battery slot.
3. Slide the switches in the new remote to match the exact pattern of your original remote's DIP switches.
4. If you are replacing both the remote and receiver, ensure the DIP switches on the new remote match the DIP switches on the new receiver.

HOW TO USE?

Just set the DIP switch pattern of new remote control to be the same as the DIP switch pattern of the original remote control.

Make sure your original remote has the same DIP switch.



New **Original**

Image 4.1: A visual guide demonstrating how to match the DIP switch settings from an original remote to the new replacement remote.

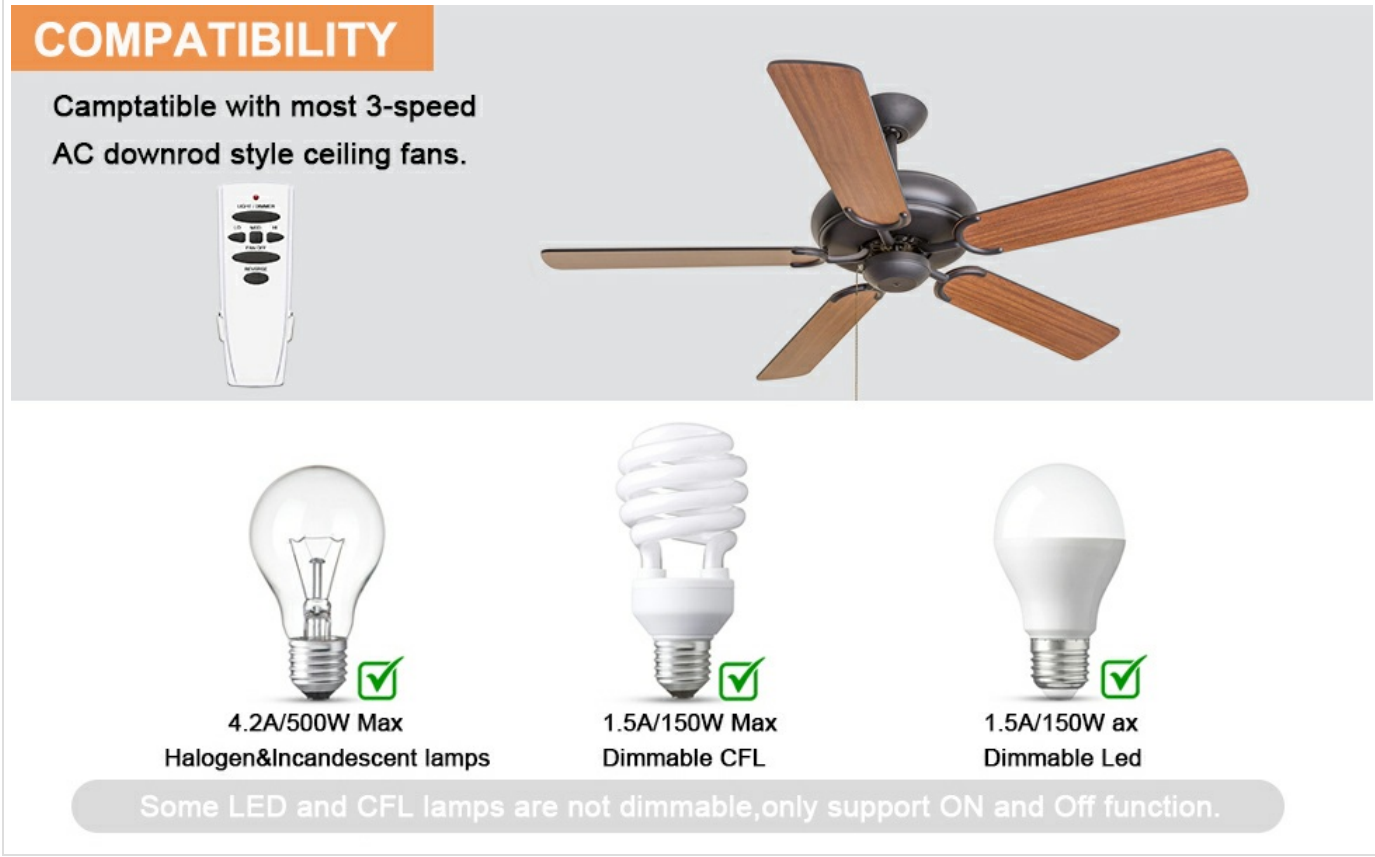


Image 4.2: Illustration of setting the same DIP codes on both the remote transmitter and the fan's receiver unit. Note that the receiver is not included with this remote.

4.3. Initial Fan Settings (for older fans)

If your ceiling fan is an older model with pull chains for speed and light control, ensure the pull chains are set to the following positions before using the remote:

- **Fan Speed:** Set the fan pull chain to the maximum speed position.
- **Light:** Set the light pull chain to the ON position.

4.4. Important Installation Warning

WARNING: Do NOT install this fan with a variable speed wall control or a wall-mounted dimmer switch. Doing so will permanently damage the fan's remote control receiver and cause the fan's functions to fail.



Image 4.3: A warning graphic illustrating that only a standard ON/OFF wall switch should be used, and variable speed or dimmer wall controls are prohibited.

5. Operating Instructions

Once the DIP codes are matched and the battery is installed, you can operate your ceiling fan using the remote control.

- **LIGHT / DIMMER:**
  - Press and release to turn the light ON or OFF.
  - Press and hold to dim or brighten compatible lights. Release the button when the desired brightness is reached.
- **LO / MED / HI:** Press these buttons to select the desired fan speed (Low, Medium, or High).
- **FAN OFF:** Press this button to turn the fan off.
- **REVERSE:** Press this button to change the direction of the fan blades. This function allows for downdraft mode (cooling in summer) or updraft mode (circulating warm air in winter).



Image 5.1: The remote control in use, demonstrating its application with a ceiling fan in a room setting.

6. Maintenance

6.1. Battery Replacement

When the remote control's range decreases or it becomes unresponsive, it is likely time to replace the 9V battery. Follow the battery installation steps in Section 4.1.

6.2. Cleaning

Wipe the remote control with a soft, dry cloth. Do not use abrasive cleaners or immerse the remote in water.

7. Troubleshooting

- **Remote not responding:**
  - Check if the 9V battery is installed correctly and has sufficient power. Replace if necessary.

- Verify that the DIP switch settings on the remote control match those on the fan's receiver.
- Ensure the fan's wall switch (if any) is in the ON position.
- For older fans with pull chains, ensure the fan speed pull chain is on high and the light pull chain is on.

- **Light not dimming:**
  - Confirm that the light bulbs installed are dimmable. Many LED and CFL bulbs are not dimmable and will only function as ON/OFF.
  - Ensure no variable speed wall control or dimmer switch is connected to the fan's power supply.
- **Fan direction not reversing:**
  - Ensure the fan is running at a medium or high speed before attempting to reverse direction.
  - Allow a few seconds for the fan motor to respond to the reverse command.

8. Specifications

Model Number	HK-RE
Brand	Breeze Bay
Input Voltage	110-120VAC
Frequency	50/60Hz
Radio Frequency Band	303.9MHz
Remote Control Range	Up to 60 ft
Required Battery	1 x 9V battery (not included)
Item Weight	3.52 ounces
Color	White
Dimensions (L x W x H)	5.59 x 2.16 x 1.18 inches (approximate)



Image 8.1: Detailed dimensions of the remote control, indicating its length, width, and thickness.

9. Warranty and Support

This Breeze Bay product is manufactured with quality and reliability in mind. For any questions, technical assistance, or support regarding your remote control, please contact Breeze Bay customer service. Refer to your purchase documentation for specific warranty details and contact information.

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