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› Onisamt Universal Ceiling Fan Remote Control Kit RC-72T&RC-72R Instruction Manual

Onisamt RC-72T&RC-72R

Onisamt Universal Ceiling Fan Remote Control Kit RC-72T&RC-72R Instruction Manual

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of the Onisamt Universal Ceiling Fan Remote Control Kit, Model RC-72T&RC-72R. This kit is designed to enhance the functionality of most 3-speed AC ceiling fans by adding convenient remote control capabilities, including fan speed adjustment, light dimming, and a time delay feature.

The kit includes a transmitter (remote control) and a receiver, allowing for wireless control of your ceiling fan and its integrated lighting. Please read this manual thoroughly before installation and use to ensure proper function and safety.



Image 1.1: Onisamt Universal Ceiling Fan Remote Control and Receiver.

2. SAFETY INFORMATION

Please observe the following safety precautions during installation and operation:

- **Electrical Hazard:** Always disconnect power at the circuit breaker or fuse box before attempting any installation, wiring, or maintenance. Failure to do so can result in serious injury or death.
- **Qualified Electrician:** If you are unsure about any part of the installation process, consult a qualified electrician.
- **Voltage Compatibility:** Ensure the ceiling fan and the remote kit are compatible with your home's electrical supply (110V-120V AC, 60Hz).
- **Secure Connections:** All wire connections must be secure and properly insulated using wire nuts.
- **Receiver Placement:** Ensure the receiver is installed within the fan canopy and does not interfere with the fan's operation or wiring.
- **Battery Safety:** Do not mix old and new batteries. Do not mix alkaline, standard (carbon-zinc), or rechargeable (nickel-cadmium) batteries. Dispose of used batteries properly.

3. PACKAGE CONTENTS

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

- 1 x Transmitter (Remote Control)
- 1 x Receiver
- 1 x Wall Mount Holder for Remote
- 1 x User Guide (this manual)
- 6 x Wire Nuts
- 2 x Screws for Wall Mount
- **Note:** One 12V battery for the remote control is NOT included and must be purchased separately.



Image 3.1: Contents of the Onisamt Universal Ceiling Fan Remote Control Kit.

4. SETUP AND INSTALLATION

Follow these steps to install your Onisamt Universal Ceiling Fan Remote Control Kit:

4.1. Pre-Installation Steps

1. **Disconnect Power:** Before beginning any work, ensure the power to the ceiling fan is turned off at the circuit breaker.
2. **Remove Canopy:** Carefully remove the ceiling fan canopy to access the wiring.
3. **Install Remote Battery:** Open the battery compartment on the back of the remote control and insert one 12V battery (not included), observing polarity.

4.2. Setting DIP Switches

Both the remote control (transmitter) and the receiver have DIP switches. These switches must be set to the same code for the remote and receiver to communicate. There are 16 possible combinations. Avoid using the default setting of '0000' (all switches down) as it may cause interference with other devices.

1. Locate the DIP switches on both the remote control (inside the battery compartment) and the receiver.
2. Using a small tool (like a pen tip), set the switches on both the remote and the receiver to an identical pattern. For example, if you set switches 1 and 3 up on the remote, set switches 1 and 3 up on the receiver.



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

NOTE

- 1 Setting the same codes on the transmitter and the receiver.
- 2 16 different frequencies that can be set for the receiver and the transmitter.
- 3 The default settings is 0000, and it is not recommended.

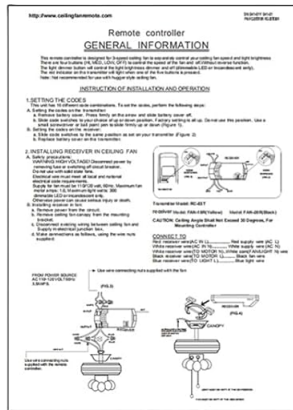
4.3. Wiring the Receiver

Refer to the wiring diagram below. Ensure all connections are secure.

1. **Identify Wires:** Your ceiling fan will have wires for power (Live/Hot), neutral, fan motor, and light. The receiver has corresponding input and output wires.
2. **Connect Input Wires:**
 - Connect the **Black (AC IN L)** wire from the receiver to the **Live/Hot** wire from the ceiling.
 - Connect the **White (AC IN N)** wire from the receiver to the **Neutral** wire from the ceiling.
3. **Connect Output Wires:**
 - Connect the **Black (TO MOTOR L)** wire from the receiver to the **Fan Motor Live** wire.
 - Connect the **Blue (TO LIGHT L)** wire from the receiver to the **Light Live** wire.
 - Connect the **White (TO MOTOR N)** wire from the receiver to the **Fan Motor Neutral** and **Light Neutral** wires (often combined).
4. **Secure Connections:** Use the provided wire nuts to secure all connections.
5. **Position Receiver:** Carefully tuck the receiver and all wiring into the fan canopy, ensuring no wires are pinched and the receiver is not obstructing fan movement.
6. **Reattach Canopy:** Securely reattach the fan canopy.
7. **Restore Power:** Turn the power back on at the circuit breaker.



Packing List



1 × Instructions



1 × Wall Holer



6 × Connector



2 × Expansion Screws



1 × Remote Control



1 × Controller

Image 4.2: Wiring Diagram for Receiver Installation.

5. OPERATING INSTRUCTIONS

The remote control provides intuitive operation for your ceiling fan and light.



Image 5.1: Remote Control in Use for Fan and Light Functions.

5.1. Remote Control Buttons

- **Power Button ():** Turns the fan and light ON/OFF.
- **Fan Speed Button ():** Cycles through fan speeds: High, Medium, Low, Off. Press repeatedly to change speed.
- **Light Button ():**
 - **On/Off:** Press briefly to turn the light ON or OFF.
 - **Dimming:** If using dimmable bulbs, press and hold the light button to dim or brighten the light. Release when the desired brightness is reached.

5.2. Light Dimming Dipswitch (O/D)

On the receiver, there is an O/D (On/Off / Dimming) dipswitch. This switch determines whether the light function is simply On/Off or if it supports dimming.

- **'O' Position (On/Off):** Set to 'O' if you are using non-dimmable bulbs or prefer simple On/Off functionality.
- **'D' Position (Dimming):** Set to 'D' if you are using dimmable bulbs and wish to utilize the dimming feature.

Important: This setting must be configured before installation or by accessing the receiver within the fan canopy.

5.3. Time Delay Feature

The remote includes a walk-away time delay feature for the light. To activate:

- Press and hold the Power button (). The light will turn off after approximately 30 seconds, allowing you time to exit the room before the light extinguishes.

6. COMPATIBILITY

This universal remote control kit is designed to be compatible with most major 110V 3-speed AC ceiling fans. It supports various brands, including but not limited to Hampton Bay, Harbor Breeze, Home Decorators Collection, Hunter, Litex, Honeywell, Allen+Roth, Kichler, and Westinghouse.

The remote control is compatible with fan remotes having FCC ID / Model numbers such as 98130, KUJCE10318, 2AAZPHD3/HD3, KUJCE10320/TR222A, KUJCE10712, KUJCE10716, KUJCE10311, and KUJST18003.

6.1. Light Bulb Compatibility

The light control function supports various lamp types:

- **Halogen & Incandescent Lamps:** Up to 4.2A / 500W Max.
- **Dimmable CFL:** Up to 1.5A / 150W Max.
- **Dimmable LED:** Up to 1.5A / 150W Max.

Note: Some LED and CFL lamps are not dimmable and will only support ON and OFF functions, even if the receiver's O/D switch is set to 'D'. Always verify your bulb's dimmability.

Compatibility



4.2A/500W Max
Halogen & Incandescent lamps



1.5A/150W Max
Dimmable CFL



1.5A/150W Max
Dimmable LED

Some LED and CFL lamps are not dimmable, only support ON and OFF function.

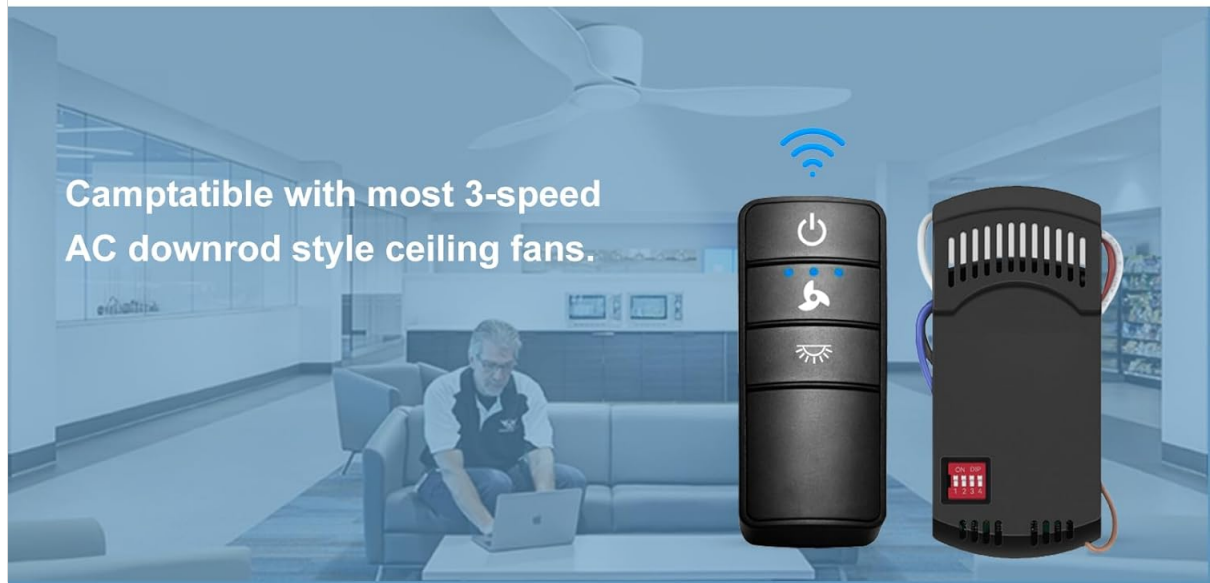


Image 6.1: Light Bulb Compatibility Information.

7. MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your remote control kit.

- **Cleaning:** Wipe the remote control and receiver (if accessible) 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 the indicator light dims. Ensure proper polarity when inserting the new battery.
- **Environmental Conditions:** Avoid exposing the remote control or receiver to extreme temperatures, high humidity, or direct sunlight.

8. TROUBLESHOOTING

If you encounter issues with your Onisamt Universal Ceiling Fan Remote Control Kit, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
Fan or light does not respond to remote.	<ul style="list-style-type: none"> No power to the fan. Remote battery is dead or incorrectly installed. DIP switches on remote and receiver do not match. Loose wiring connection. 	<ul style="list-style-type: none"> Check circuit breaker. Replace remote battery; ensure correct polarity. Verify DIP switch settings on both remote and receiver are identical. Turn off power and check all wiring connections.
Light does not dim.	<ul style="list-style-type: none"> Bulbs are not dimmable. Receiver's O/D dipswitch is set to 'O' (On/Off). 	<ul style="list-style-type: none"> Ensure you are using dimmable light bulbs. Turn off power, access receiver, and set O/D dipswitch to 'D' (Dimming).
Fan operates at incorrect speed or inconsistently.	<ul style="list-style-type: none"> Interference from other devices. DIP switch setting conflict. 	<ul style="list-style-type: none"> Change the DIP switch code on both the remote and receiver to a new, unique combination.
Remote range is poor.	<ul style="list-style-type: none"> Low remote battery. Obstructions between remote and receiver. 	<ul style="list-style-type: none"> Replace remote battery. Ensure clear line of sight or reduce obstructions.

9. SPECIFICATIONS

- **Model Number:** RC-72T&RC-72R
- **Brand:** Onisamt
- **Operation Mode:** Manual (Remote Control)
- **Operating Voltage:** 12 Volts (for remote battery), 110-120V AC 60Hz (for receiver)
- **Current Rating:** 1 Amps (Receiver)
- **Connectivity Protocol:** RF (Radio Frequency)
- **Number of Fan Speeds:** 3 (High, Medium, Low)
- **Light Control:** On/Off, Dimming (with compatible bulbs)
- **Material:** Plastic

- **Item Weight:** Approximately 6.7 ounces (total kit)
- **Package Dimensions:** 5.59 x 4.45 x 2.01 inches

10. WARRANTY AND SUPPORT

For warranty information or technical support, please contact Onisamt customer service through the retailer where the product was purchased or visit the official Onisamt website. Please have your model number (RC-72T&RC-72R) and purchase details available when contacting support.