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SONOFF iFan04-L

SONOFF iFan04-L WiFi Ceiling Fan Light Controller User Manual

Model: iFan04-L

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your SONOFF iFan04-L WiFi Ceiling Fan Light Controller. This device allows you to convert your traditional ceiling fan with lights into a smart device, controllable via a mobile application, a 433MHz RF remote, and voice commands through Amazon Alexa or Google Home.

PRODUCT OVERVIEW

The SONOFF iFan04-L is designed to integrate seamlessly with your existing ceiling fan and light fixture. It offers convenient control options and smart features to enhance your home environment.

Understand Your Commands

Compatible with Amazon Alexa and Google Assistant, just ask your voice assistant to turn on/off the light or adjust the fan speed.

Alexa, turn on the light.

Hey Google, set the fan to high speed.



Image: The SONOFF iFan04-L controller unit and its accompanying 433MHz RF remote control.

Key Features:

- **Direct Replacement:** Easily replaces existing ceiling fan and light controllers.
- **Multiple Control Methods:** Control via eWeLink App, 433MHz RF remote (included), and voice commands.
- **Adjustable Fan Speeds:** Select from low, medium, and high fan speeds.
- **Smart Scheduling:** Set timers and schedules for automatic on/off operations.
- **Voice Control Integration:** Compatible with Amazon Alexa and Google Home for hands-free operation.

SPECIFICATIONS

Parameter	Value
Model	iFan04-L
Brand	SONOFF

Operating Voltage	120 Volts
Current Rating	2 Amps
Wattage	720 watts
Connectivity Protocol	Wi-Fi (2.4G)
Control Method	Remote, App, Voice
Controller Type	Amazon Alexa, Android, Google Assistant, iOS
Dimensions (L x W x H)	2.05 x 4.92 x 5.24 inches
Material	Plastic, Stainless Steel (Contact Material)
International Protection Rating	IP00
Certifications	CE, FCC, RoHS

SAFETY INFORMATION

WARNING: Risk of Electric Shock. Installation should be performed by a qualified electrician or service personnel.

- Ensure power is OFF at the circuit breaker before installation or maintenance.
- Do not exceed the maximum load ratings for the fan (2A) and light (2A).
- Use only indoors in dry locations.
- Follow all local electrical codes and regulations.
- Keep the device away from water and high humidity environments.

SETUP AND INSTALLATION

1. Wiring Instructions

Before proceeding, ensure the power supply to the ceiling fan circuit is turned off at the main circuit breaker. This device is designed to be installed within the canopy of your ceiling fan.

1. **Disconnect Power:** Turn off the power at the circuit breaker to avoid electrical shock.
2. **Remove Existing Controller:** If an existing controller is present, carefully disconnect its wiring.
3. **Connect Wires:**
 - Connect the Live (L) wire from your household wiring to the 'L IN' terminal on the iFan04-L.
 - Connect the Neutral (N) wire from your household wiring to the 'N IN' terminal on the iFan04-L.
 - Connect the fan's Live (L) wire to the 'FAN OUT' terminal on the iFan04-L.
 - Connect the light's Live (L) wire to the 'LIGHT OUT' terminal on the iFan04-L.
 - Connect the fan's and light's Neutral (N) wires to the 'N OUT' terminal on the iFan04-L.

Note: Ensure all connections are secure and insulated with wire nuts or electrical tape.

4. **Mount Controller:** Carefully place the iFan04-L controller inside the ceiling fan canopy, ensuring it does not interfere with fan operation.

5. **Restore Power:** Turn the power back on at the circuit breaker.

2. eWeLink App Pairing

The eWeLink app allows you to control your fan and light from your smartphone.

Schedule the Uptime & Downtime

Set a time/countdown for your ceiling fan with lights. It will automatically turn on/off the fan and light once the preset interval ends.

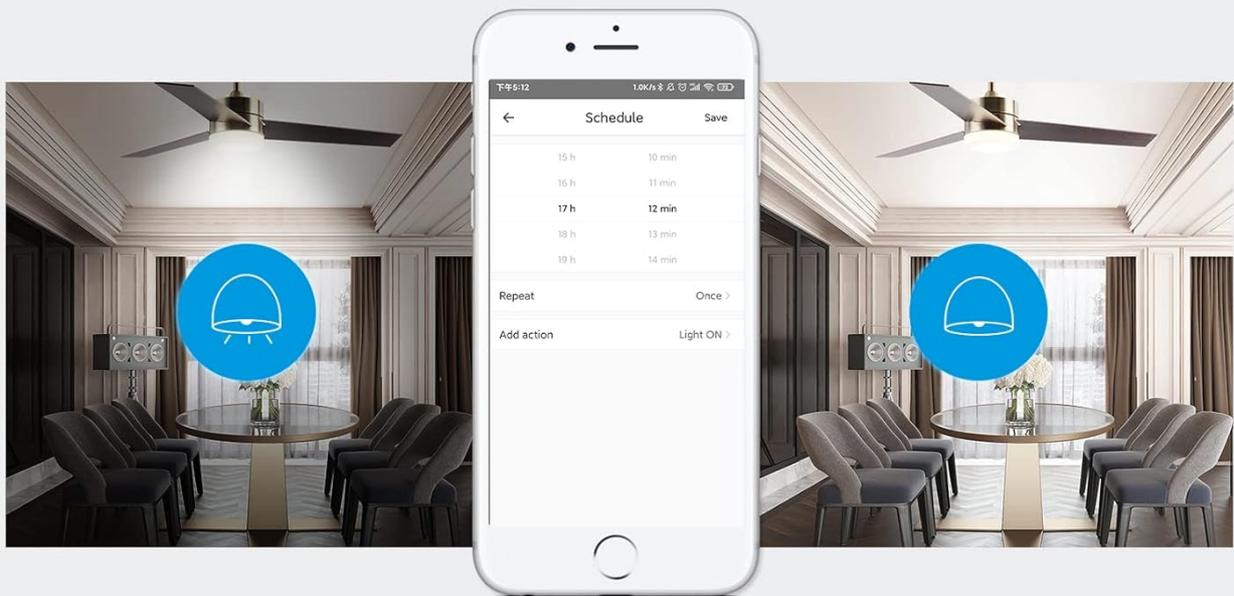


Image: Screenshot of the eWeLink app displaying controls for fan speed and light.

1. **Download App:** Download the eWeLink app from the App Store (iOS) or Google Play Store (Android).
2. **Register/Login:** Create an account or log in to your existing eWeLink account.
3. **Enter Pairing Mode:** Power on the iFan04-L. Press and hold the pairing button on the controller (or the Wi-Fi pairing button on the remote, if applicable) for 5 seconds until the Wi-Fi indicator flashes rapidly.
4. **Add Device:** In the eWeLink app, tap the "+" icon to add a device. Select "Quick Pairing Mode" or follow the on-screen instructions for your specific device.
5. **Connect to Wi-Fi:** Enter your 2.4GHz Wi-Fi network name and password. The device will connect to your network.
6. **Name Device:** Once successfully added, name your device for easy identification.

3. 433MHz RF Remote Control Pairing

The included RM433 remote control provides an alternative way to control your fan and light.

Replace the APP Control

Equipped with an RM433 remote controller that easily controls your ceiling fan with light from one source.

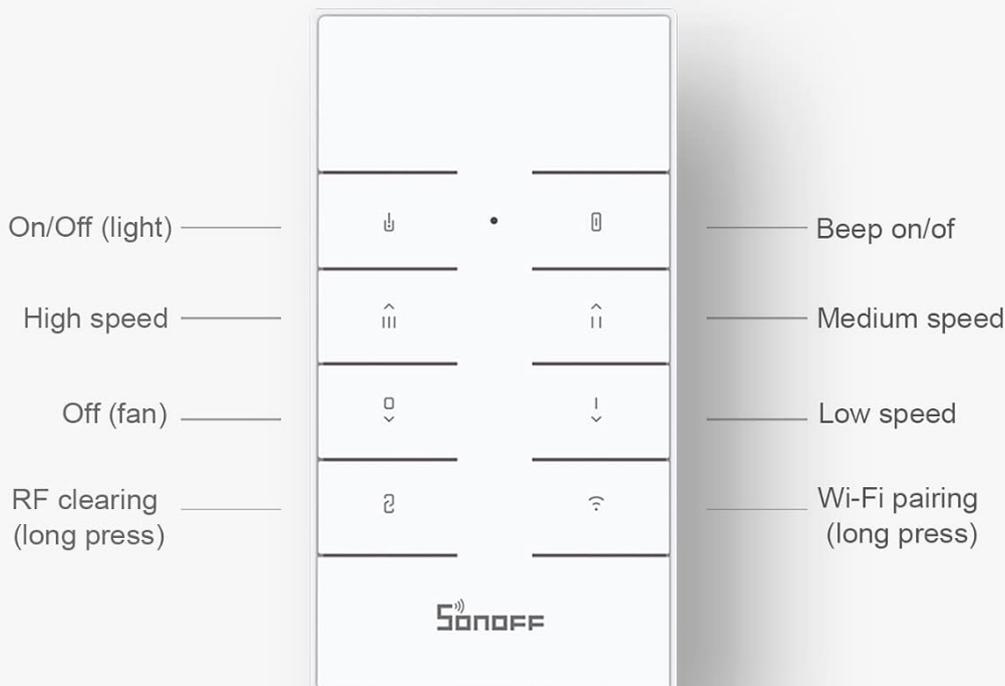


Image: Diagram showing the functions of each button on the RM433 remote control, including light on/off, fan speed adjustments, and pairing options.

1. **Power On:** Ensure the iFan04-L controller has power.
2. **Enter Pairing Mode:** Within 5 seconds of powering on the iFan04-L, press any button on the RM433 remote control. The fan or light will respond, indicating successful pairing.
3. **Clear RF Pairing (Optional):** To clear existing RF pairings, long-press the "RF clearing" button on the remote for 5 seconds.

OPERATING INSTRUCTIONS

1. Using the eWeLink App

After successful pairing, open the eWeLink app and select your iFan04-L device. You will see controls for:

- **Light On/Off:** Toggle the light connected to the controller.
- **Fan Speed:** Select Low, Medium, or High fan speeds.
- **Scheduling:** Set single, repeating, or countdown timers for automated operation.

Realize All Controls via APP

Manage the ceiling fan with lights through the eWeLink app, either at home or remotely.

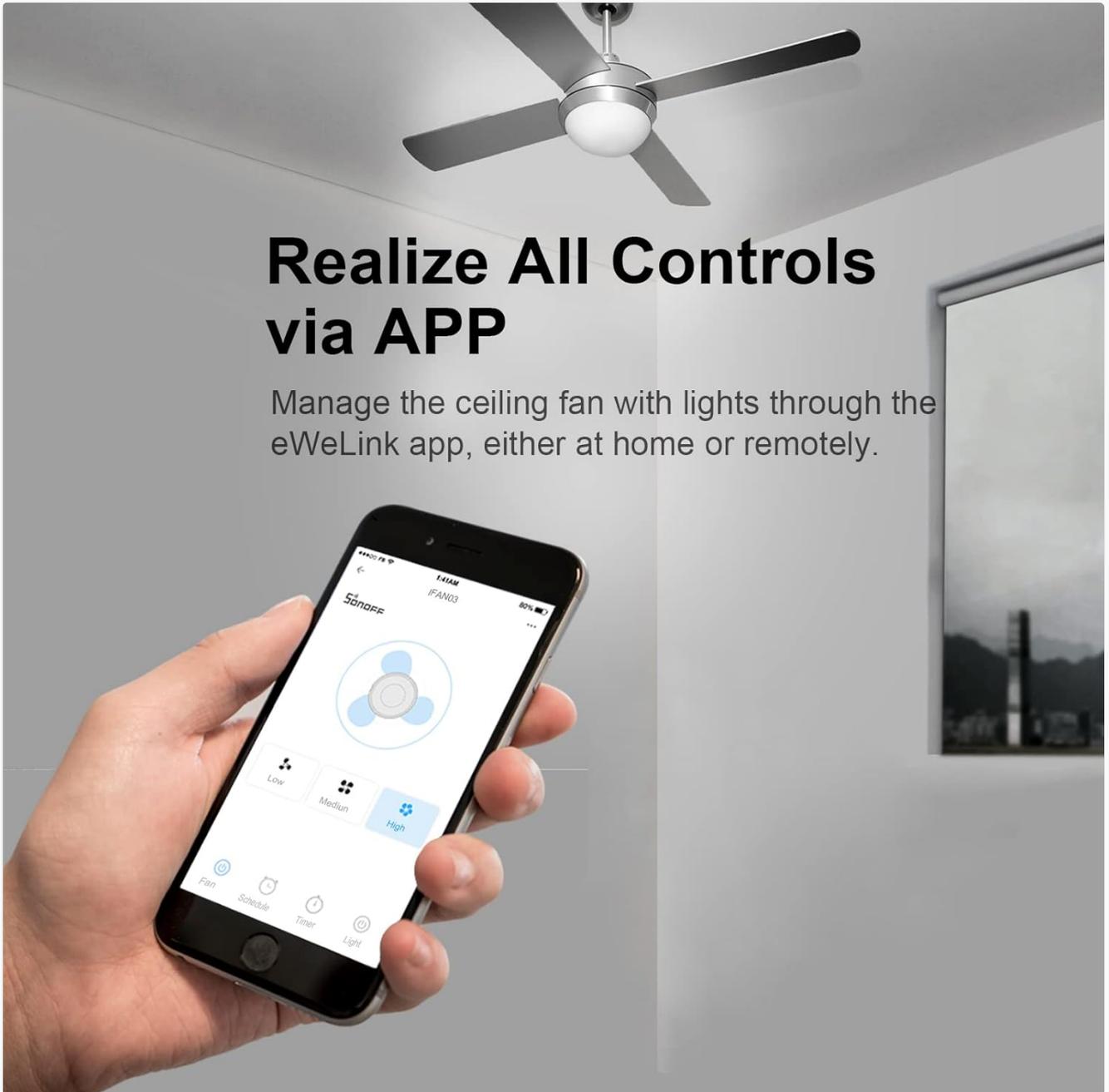


Image: A visual representation of a ceiling fan with indicators for low, medium, and high fan speeds, demonstrating the adjustable coolness levels.

SONOFF iFan03/04

Smart Ceiling Fan with Light Remote Control Kit



App Control



Voice Control



Time Schedule



433MHz RF Control



Share Control



Sync Status



3 Fan Speed



Smart Scenes

Image: A smartphone screen showing the eWeLink app's scheduling feature, allowing users to set specific times for the ceiling fan and light to turn on or off.

2. Using the 433MHz RF Remote Control

The RM433 remote control provides direct physical control:

- **Light On/Off:** Press the light button to toggle the light.
- **Fan On/Off:** Press the fan button to toggle the fan.
- **Fan Speed:** Use the dedicated buttons for Low, Medium, and High fan speeds.
- **Beep On/Off:** Control the device's audible feedback.

3. Voice Control (Alexa & Google Home)

Integrate your iFan04-L with Amazon Alexa or Google Home for hands-free control.



Choose Your Desired Coolness Level

Adjustable 3 fan speeds make your room comfortable



Low



Medium



High



Image: An Amazon Echo and a Google Home device shown with speech bubbles indicating voice commands like "Alexa, turn on the light" and "Hey Google, set the fan to high speed."

1. **Link eWeLink Account:** In your Alexa or Google Home app, enable the "eWeLink Smart Home" skill/service and link your eWeLink account.
2. **Discover Devices:** Ask Alexa or Google Home to discover new devices.
3. **Voice Commands:** Use commands such as:
 - "Alexa, turn on/off [Device Name] light."
 - "Hey Google, set [Device Name] fan to high."
 - "Alexa, turn off [Device Name] fan."

MAINTENANCE

- **Cleaning:** Wipe the device with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- **Firmware Updates:** Periodically check the eWeLink app for available firmware updates to ensure optimal performance and security.

- **Remote Battery:** Replace the battery in the RM433 remote control when its performance degrades.

TROUBLESHOOTING

Device not pairing with eWeLink app:

- Ensure your Wi-Fi network is 2.4GHz. The iFan04-L does not support 5GHz Wi-Fi.
- Check if the Wi-Fi indicator on the device is flashing rapidly, indicating pairing mode.
- Verify your Wi-Fi password is correct.
- Move the device closer to your Wi-Fi router during pairing.
- Restart the device and try pairing again.

Remote control not working:

- Ensure the remote control is paired with the iFan04-L. Refer to the "433MHz RF Remote Control Pairing" section.
- Check the battery in the remote control and replace if necessary.
- Ensure there are no obstructions between the remote and the controller.

Voice control not responding:

- Verify that your eWeLink account is correctly linked to Amazon Alexa or Google Home.
- Ensure the device name used in voice commands matches the name in the eWeLink app and Alexa/Google Home app.
- Check your internet connection.
- Try rediscovering devices in your Alexa or Google Home app.

Fan or light not responding after installation:

- Double-check all wiring connections as per the "Wiring Instructions" section. Ensure wires are securely connected and insulated.
- Confirm that power is restored at the circuit breaker.
- Ensure the fan and light are in good working order independently of the controller.

WARRANTY INFORMATION

SONOFF products typically come with a limited warranty. Please refer to the warranty card included with your product or visit the official SONOFF website for the most current warranty terms and conditions. Keep your purchase receipt as proof of purchase for warranty claims.

CUSTOMER SUPPORT

For technical support, troubleshooting assistance, or further inquiries, please visit the official SONOFF support website or contact their customer service team. You can usually find contact information on the SONOFF website or within the eWeLink app.

Official Website: www.sonoff.com

eWeLink App: Check the "Help & Feedback" section within the app.

