QIACHIP KLCW-110v

QIACHIP Universal WIFI Ceiling Fan Light Remote Control Kit Instruction Manual

Brand: **QIACHIP** | Model: **KLCW-110v**

1. INTRODUCTION

The QIACHIP Universal WIFI Ceiling Fan Light Remote Control Kit is designed to upgrade your existing non-smart LED ceiling fan into a smart device. This kit allows for convenient control of fan speed and light functions via a 2.4G RF remote control, a mobile application, and voice commands through smart assistants like Alexa and Google Home. It offers enhanced control, scheduling capabilities, and smart scene integration for a modern home environment.

Figure 1: Overview of the QIACHIP Universal WIFI Ceiling Fan Light Remote Control Kit, including the remote, receiver, and a smartphone demonstrating app control.

2. KEY FEATURES

- **Smart Upgrade:** Transforms non-smart LED ceiling fans into smart, app-controlled devices.
- **Broad Compatibility:** Designed for three-speed motors and compatible with most well-known ceiling fan brands.
- **Multiple Control Methods:** Includes a 2.4G RF remote control, mobile app (iOS/Android), and voice control via Alexa and Google Home.
- **Fan Speed Control:** Adjust fan speed with three levels (1/2/3).
- **Light Control:** Turn lights on/off from anywhere.
- **Scheduling & Timing:** Set reservations or countdown timers for automated on/off functions.
- **Sharing Control:** Share device control with family members through the app.
- **Smart Scene Integration:** Trigger fan or light actions based on environmental conditions or other smart home

sensors.

- **Easy Installation:** Color-coded and marked wires simplify the installation process.
- **Real-time Status:** Sync status provides real-time device information to the mobile app.

3. PACKAGE CONTENTS

Please ensure all items are present and in good condition upon opening the package:

- 1 x QIACHIP Universal WIFI Ceiling Fan Light Receiver (Model: KLCW-110v)
- 1 x 2.4G RF Remote Control
- Wire Nuts (for installation)
- Instruction Manual (this document)

4. PRODUCT SPECIFICATIONS

Attribute	Value
Brand	QIACHIP
Model Name	KLCW-110v
Color	White
Power Source	AC
Voltage	110 Volts
Wattage	1000 watts
Product Dimensions	0.7"D x 1.97"W x 5.2"H (Receiver size: 4.53" x 2.13" x 1.1")
Item Weight	7 ounces
Control Method	App, Remote, Voice
Light Type	LED
Number of Fan Speeds	3
Batteries Required (Remote)	2 AAA batteries (not included)

Applications	Light/Fan lamp
Operating Voltage	90-175V Depending on model
Max Load Power	<300W / 10A
Standby Power consumption	<0.5 W
Working temperature	-20℃~80℃
Wiring Method	Live wire & Neutral Wire
Control Method	Remote Control & Mobile App Control

Figure 2: Detailed dimensions of the receiver and remote control.

5. SETUP AND INSTALLATION

5.1. Installation of the Receiver

The QIACHIP receiver is designed for easy installation. All wires are color-coded and marked to simplify the process. Ensure power is turned off at the circuit breaker before beginning installation.

1. Turn off power to the ceiling fan at the main circuit breaker.

2. Remove the existing canopy or housing of your ceiling fan to access the wiring.

3. Disconnect the existing wiring from the fan and light.

4. Connect the QIACHIP receiver according to the wiring diagrams below. Match the color-coded wires:

- White: AC Neutral Line
- Black: AC Live Line
- Blue: Live Line to Light
- Black (from receiver): Live Line to Fan

Note: In some very old fans, wire colors may differ. Consult a professional electrician if unsure.

5. Carefully tuck the receiver and wiring into the fan's housing or junction box. Ensure the antenna wire is not pinched and extends freely for optimal Wi-Fi signal.

6. Reattach the fan canopy or housing.

7. Restore power at the circuit breaker.

Figure 3: Detailed wiring instructions for the QIACHIP receiver.

Button Description:

Fan Speed

MED

LOW LIGHT ON/OFF HI

STOP

Lamp on/off

Fan off

2H

Indicator light — 1H • 4H — Timing off

8H

Easy mounted to the wall

Figure 4: Simplified wiring diagram showing connection from main power to receiver and then to fan and light.

5.2. Remote Control Pairing

The remote control should be pre-paired with the receiver. If not, or if you need to re-pair, follow these steps:

1. Ensure the receiver is powered on.

2. On the remote control, press and hold the "Light" and "High Fan" buttons simultaneously for a few seconds until you hear 3 long beeps from the receiver. This indicates pairing mode.

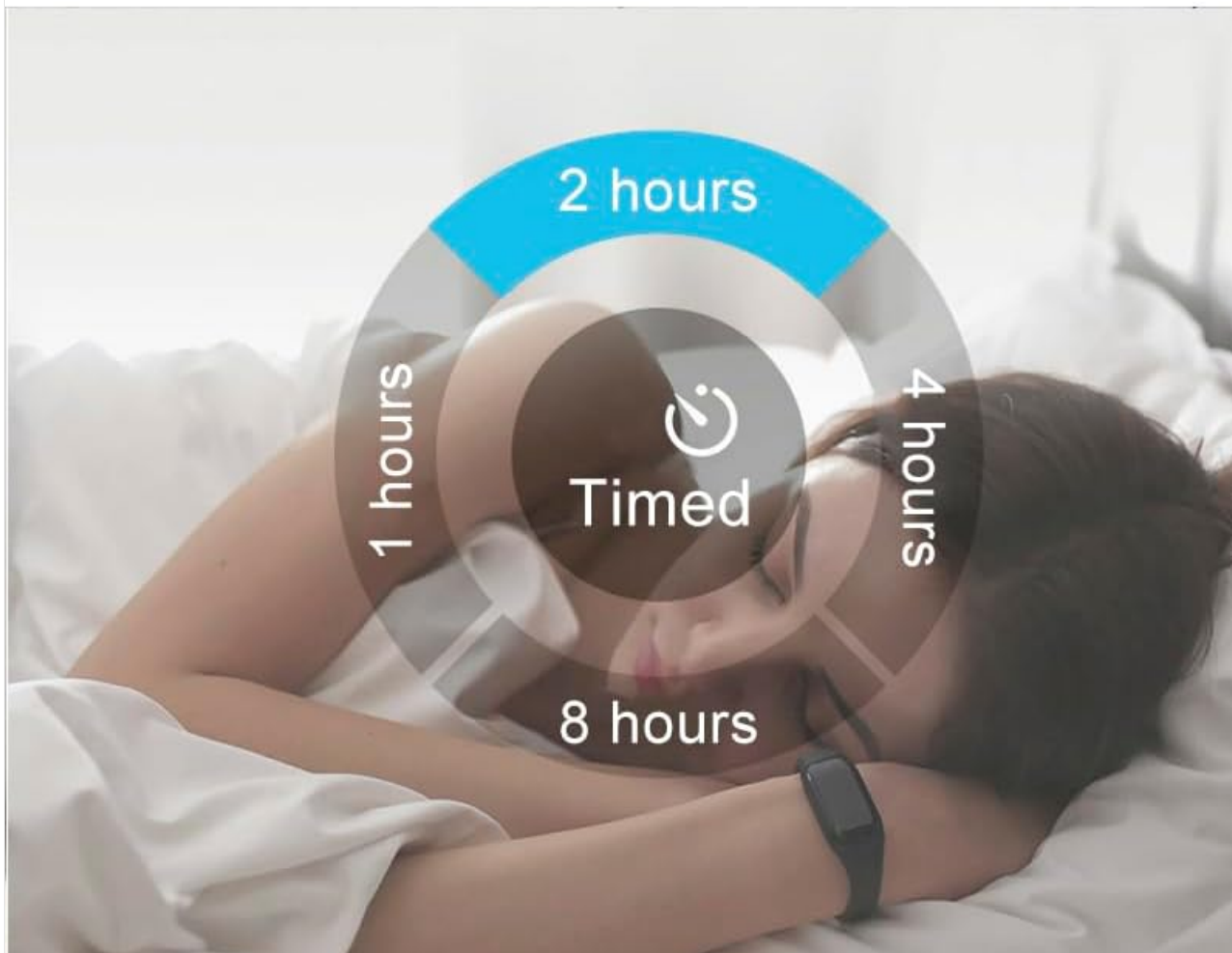3. The remote should now be paired with the receiver.

Figure 5: Description of buttons on the QIACHIP remote control.

5.3. Mobile App Setup (Smart Life App)

To enable smart features and voice control, you need to connect the device to the Smart Life app.

1. Download the "Smart Life" app from your mobile app store (iOS or Android).
2. Register or log in to your Smart Life account.
3. Ensure your mobile phone is connected to a 2.4 GHz Wi-Fi network. (*Note: If your Wi-Fi is 5GHz, please set it to be 2.4GHz. Common router setting method.*)
4. In the Smart Life app, tap the "+" icon to add a device.
5. Select "Electrical" > "Fan (Wi-Fi)" or "Lighting" > "Light (Wi-Fi)" or use the "Auto Scan" feature.
6. Follow the in-app prompts to connect the device. You may need to confirm that the indicator on the receiver is blinking rapidly (this usually happens after power cycling the receiver).
7. Enter your 2.4 GHz Wi-Fi network password when prompted.
8. Once connected, you can rename the device to an easily identifiable name (e.g., "Bedroom Fan").

Your browser does not support the video tag.

Video 1: A tutorial demonstrating the Wi-Fi fan light kit setup process using the mobile app.

5.4. Voice Control Setup (Alexa/Google Home)

After successfully setting up the device in the Smart Life app, you can link it to your voice assistant.

1. Open your Alexa or Google Home app.
2. Navigate to the "Skills" or "Works with Google" section.
3. Search for "Smart Life" and enable the skill/service.
4. Link your Smart Life account by entering your Smart Life app credentials.
5. Discover devices. Your ceiling fan and light should now appear in your voice assistant app.
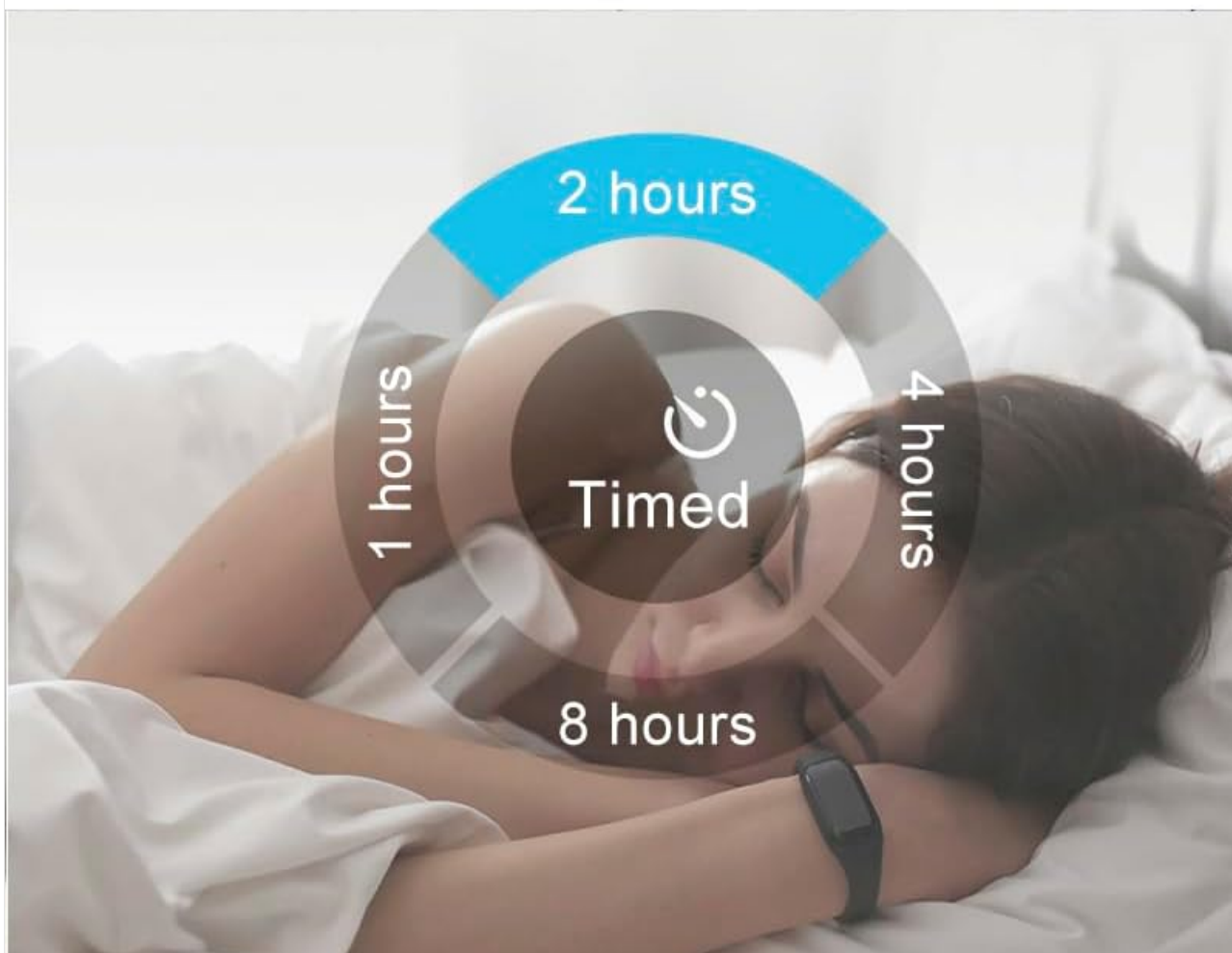
6. OPERATING INSTRUCTIONS

6.1. Remote Control Operation

Use the provided 2.4G RF remote control to manage your fan and light:

- **Light ON/OFF:** Press the "Light ON/OFF" button to toggle the light.
- **Fan Speed:** Use "LOW", "MED", "HI" buttons to adjust fan speed.
- **Fan OFF:** Press the "STOP" button to turn off the fan.
- **Timing Off:** Use the "1H", "2H", "4H", "8H" buttons to set a countdown timer for the fan to turn off automatically.

Schedule the Uptime & Downtime

turn on/off the fan and light once the preset interval ends.

6.2. Mobile App Operation

The Smart Life app provides comprehensive control and advanced features:

- **Remote ON/OFF:** Control the fan and lights from anywhere with internet access.

- **Fan Speed Adjustment:** Adjust fan speed levels directly from the app.

- **Scheduling:** Set detailed schedules for the fan and light to turn on/off at specific times.

- **Countdown Timer:** Set a countdown for the device to turn off.

- **Smart Scenes:** Create automated routines based on various conditions (e.g., turn on fan when room temperature reaches a certain level).
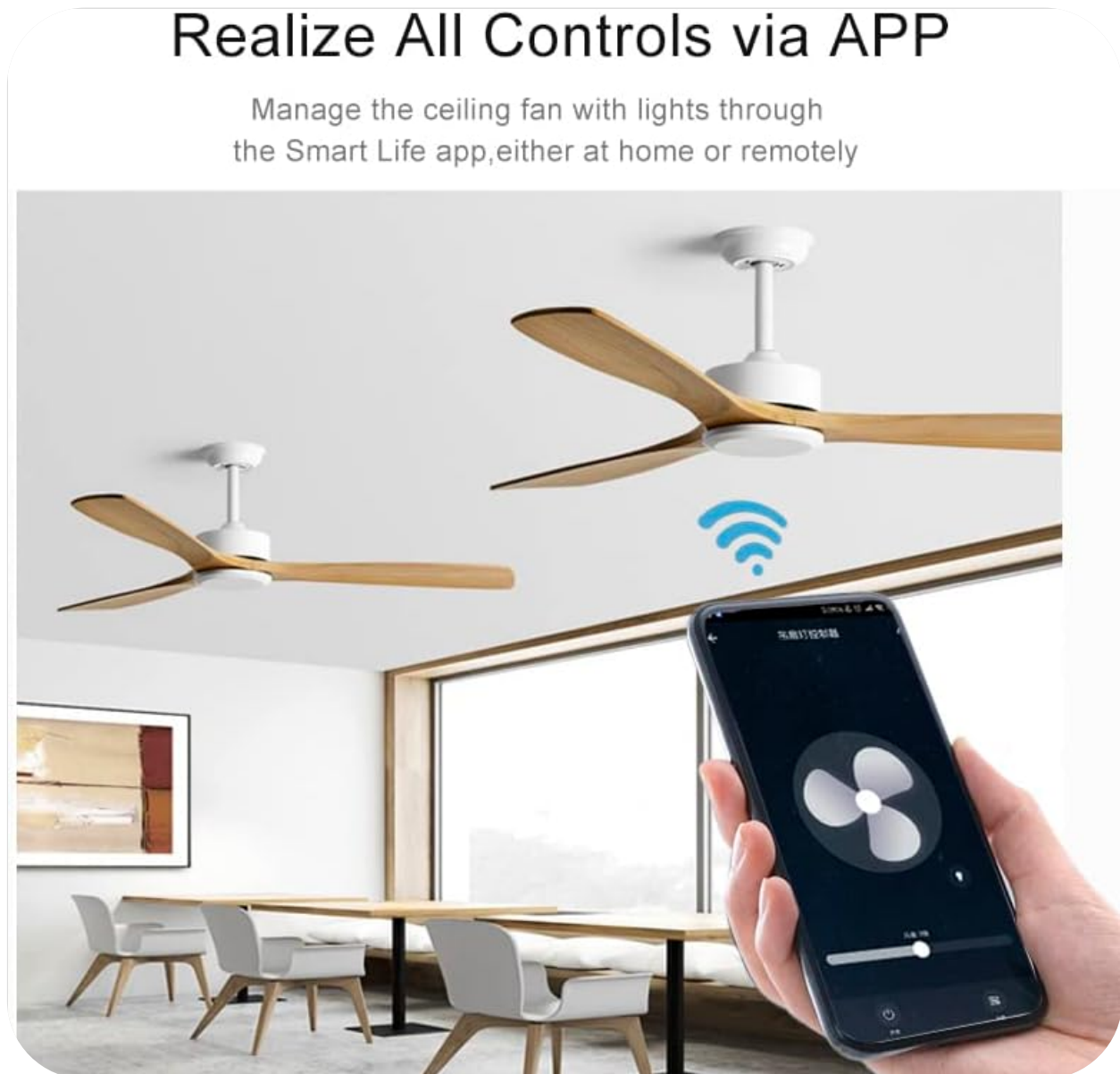

Figure 7: The Smart Life app interface for managing ceiling fan and light functions.
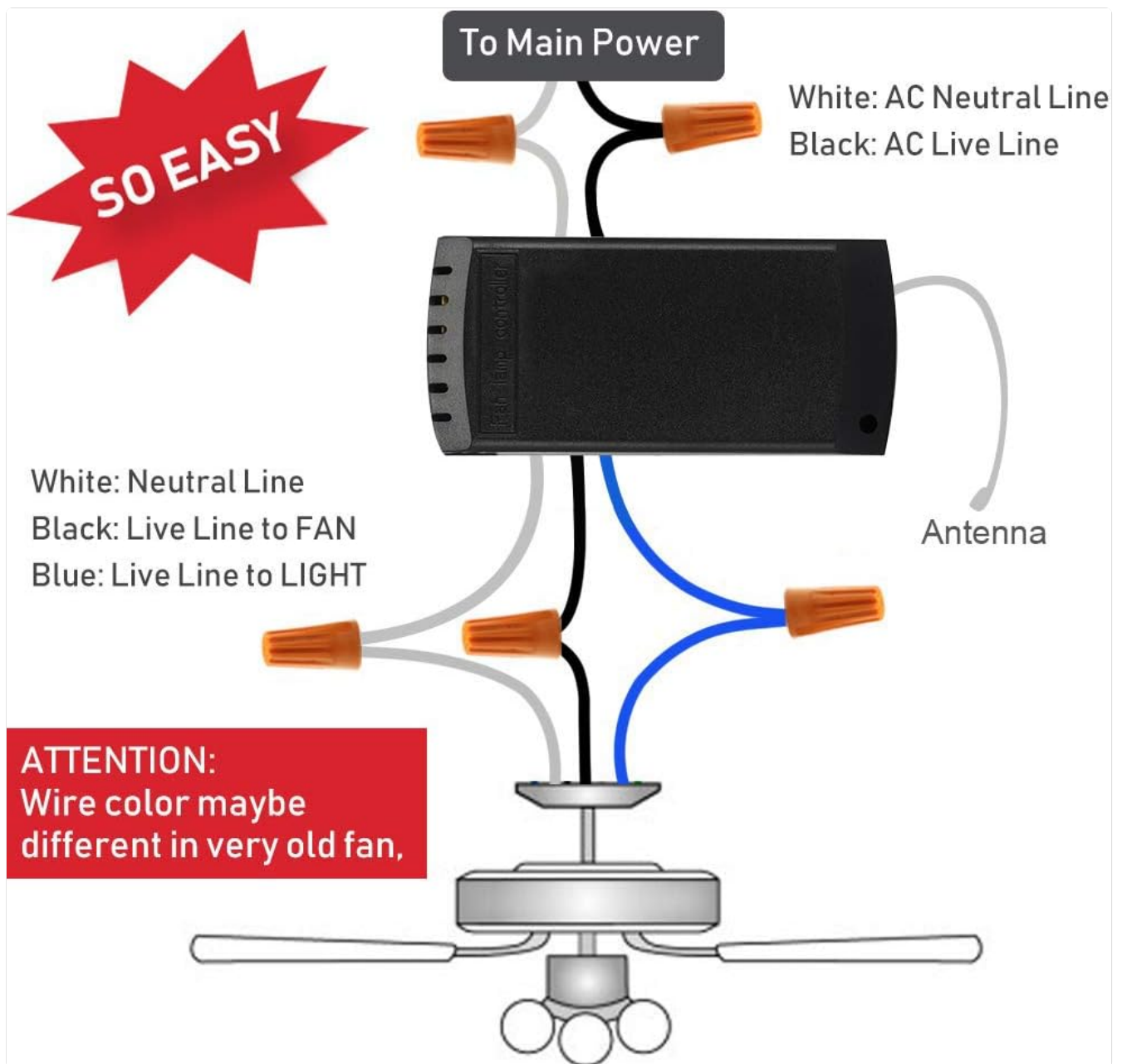
To Main Power

White: AC Neutral Line
Black: AC Live Line

SO EASY

White: Neutral Line
Black: Live Line to FAN
Blue: Live Line to LIGHT

Antenna

ATTENTION:
Wire color maybe
different in very old fan,

Figure 8: Example of scheduling options available in the Smart Life app for automated fan operation.

6.3. Voice Control Commands

Once linked to Alexa or Google Home, use simple voice commands:

- "Alexa, turn on [Device Name] light."
- "Alexa, turn off [Device Name] light."
- "Alexa, turn on [Device Name] fan."
- "Alexa, turn off [Device Name] fan."
- "Alexa, set [Device Name] fan to high/medium/low."
- "Hey Google, turn on [Device Name] light."
- "Hey Google, turn off [Device Name] light."
- "Hey Google, turn on [Device Name] fan."
- "Hey Google, turn off [Device Name] fan."
- "Hey Google, set [Device Name] fan to speed 1/2/3."

Note: Some voice assistants may not support all fan speed levels or light dimming functions depending on the specific integration.

The Receiver Wiring Instructions

Out Puvlic
null line
white line

The lighting
coonntrciling
firing line
blue line

Ten firing
line of fan
black line

The null line
white line

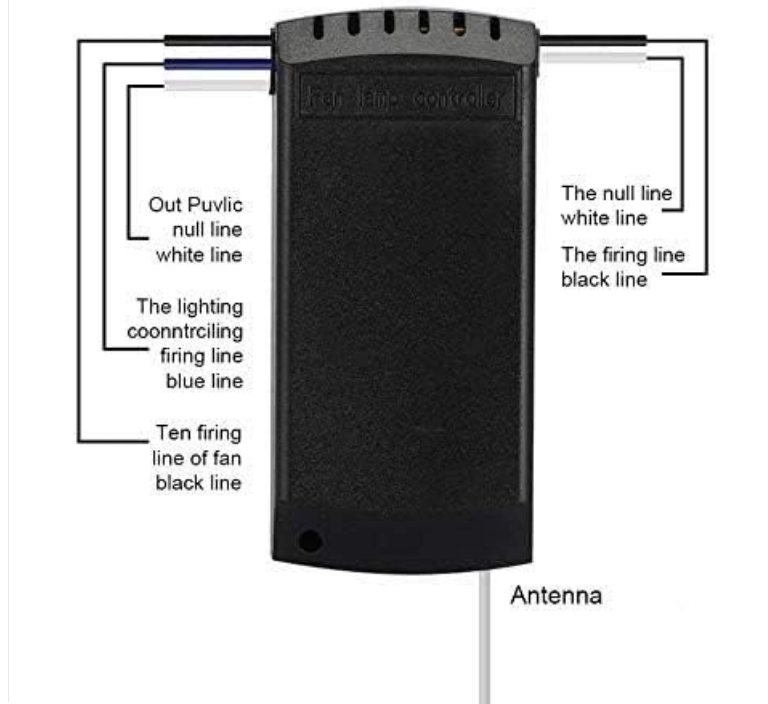The firing line
black line

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Figure 9: Illustration of Alexa voice control in a smart home environment.

7. Maintenance

- **Cleaning:** Wipe the remote control and visible parts of the receiver with a soft, dry cloth. Do not use abrasive cleaners or solvents.

- **Battery Replacement:** Replace the AAA batteries in the remote control when its indicator light dims or it becomes unresponsive. Ensure correct polarity when inserting new batteries.

- **Firmware Updates:** Periodically check the Smart Life app for any available firmware updates for the receiver to ensure optimal performance and access to new features.

8. Troubleshooting

Problem	Possible Solution
Device not pairing with app.	- Ensure your phone is connected to a 2.4 GHz Wi-Fi network. 5GHz networks are not supported for initial pairing. - Make sure the receiver is in pairing mode (indicator blinking rapidly). If not, power cycle the fan (turn off/on at breaker) or press and hold "Light" and "High Fan" buttons on the remote. - Check if your phone's "Private Address" or MAC randomization setting is disabled for your Wi-Fi network. This can interfere with pairing. - Ensure location services are enabled for the Smart Life app. - Try the "Auto Scan" feature in the Smart Life app.

Remote control not responding.	○ Check and replace the remote control batteries (2 AAA). ○ Ensure the remote is within range of the receiver. ○ Re-pair the remote control with the receiver (see Section 5.2).
Device beeps loudly with every command.	○ In the Smart Life app, go to the device settings (usually a gear icon or "..." in the top right). Look for a "Voice" or "Beep Sound" toggle and disable it.
Alexa/Google Home cannot control light or fan speed.	○ Ensure the Smart Life skill/service is correctly linked in your voice assistant app. Try unlinking and relinking. ○ Verify the device name in Smart Life is simple and easily recognizable by the voice assistant. ○ Some specific functions (like light dimming or granular fan speeds) might not be fully supported by all voice assistant integrations.
Receiver does not fit in fan housing.	○ The receiver size is 4.53 inches * 2.13 inches * 1.1 inches. Ensure adequate space before purchase. ○ Consider alternative mounting locations if possible, ensuring proper ventilation and access to wiring.

9. WARRANTY AND SUPPORT

QIACHIP products are designed for reliability and performance. For warranty information, technical support, or further assistance, please refer to the official QIACHIP website or contact their customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.

You can also visit the QIACHIP Store on Amazon for more product information and support resources.