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› LoraTap WiFi Smart Blind Switch Instruction Manual

## LoraTap 602318824271

# LoraTap WiFi Smart Blind Switch Instruction Manual

Model: 602318824271

## INTRODUCTION

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This manual provides detailed instructions for the installation, operation, and maintenance of your LoraTap WiFi Smart Blind Switch. This device allows you to control your electric blinds or roller shutters remotely via the Smart Life app, voice commands with Amazon Alexa or Google Home, and scheduled timers. Please read this manual thoroughly before installation and use to ensure safe and optimal performance.

## PRODUCT OVERVIEW

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The LoraTap WiFi Smart Blind Switch is designed to integrate seamlessly into your smart home system. It features a touch-sensitive glass panel for manual control and connects to your home's 2.4 GHz Wi-Fi network for smart functionalities. It is compatible with most 4-wire curtain motors and offers enhanced safety with its tempered glass panel.



Figure 1: LoraTap WiFi Smart Blind Switch (Front View)

## FEATURES

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- **Scheduling Function:** Connect the smart switch to any 4-wire curtain motor to open/close curtains via your mobile phone at any time. Schedule work times to automatically open curtains in the morning.
- **Remote App Control:** Download the free "Smart Life" app on your mobile phone. Connect to your 2.4 GHz Wi-Fi network to control your device remotely from anywhere, managing curtain opening/closing at any time.
- **Hands-Free Voice Control:** Compatible with Amazon Alexa (Amazon Echo/Dot/Tap) and Google Assistant, allowing you to open and close curtains with voice commands for a smart, hands-free experience.
- **Group Control:** Control multiple switches with one phone, or one switch with multiple phones. Group up to 20 switches to open/close all curtains in a room simultaneously with a single command.
- **Safe Touch Panel Switch:** Features a 4mm tempered glass panel for safe operation, even with wet hands. Supports a maximum power of 600W, compatible with most smart curtains, blinds, and projection screens with remote control functionality. CE and RoHS certified for safety.

## SAFETY INFORMATION

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Always ensure the main power supply is turned off before performing any electrical work. Installation should be carried out by a qualified electrician if you are unsure. Do not exceed the maximum load capacity of 600W. The tempered glass panel provides enhanced safety, but avoid excessive force or sharp objects.



Figure 2: Tempered glass panel for child safety and easy operation.

## SETUP

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### 1. Installation and Wiring

The LoraTap Smart Blind Switch is designed for easy installation, compatible with standard Type 86 switch boxes without requiring wall modifications. Ensure power is disconnected before proceeding.

## No requiere cableado, reemplaza la ubicación original

Compatible con cajas de interruptores tipo 86, fácil instalación sin modificaciones en la pared.



Figure 3: Wiring Diagram. Connect Live (L) and Neutral (N) inputs, and outputs for Open (L1) and Close (L2) to your 4-wire curtain motor.

The switch requires connection to a 4-wire curtain motor. Connect the Live (L) and Neutral (N) wires to the corresponding input terminals. Connect the motor's open (L1) and close (L2) wires to the respective output terminals on the switch. Secure all connections properly.

# PRESUPUESTO



Figure 4: Product Dimensions (86mm x 86mm front panel, 49mm depth, 60mm mounting hole distance).

## 2. App Pairing (Smart Life)

1. Download the "Smart Life" app from your mobile device's app store (iOS or Android).
2. Register or log in to your Smart Life account.
3. Ensure your mobile device is connected to a 2.4 GHz Wi-Fi network. The switch does not support 5 GHz Wi-Fi.
4. Power on the LoraTap Smart Blind Switch. The indicator light should blink rapidly, indicating it's in pairing mode. If not, press and hold the 'Pause' button on the switch for 5-10 seconds until it blinks rapidly.
5. In the Smart Life app, tap the "+" icon in the top right corner to add a device.
6. Select "Curtain Switch" or "Shutter Switch" from the device list.
7. Follow the on-screen instructions to connect the switch to your Wi-Fi network.
8. Once successfully paired, you can rename the device for easier control.

### 1. Manual Control

The touch panel on the switch allows for direct control:

- Tap the "Up" arrow to open the blinds.
- Tap the "Down" arrow to close the blinds.
- Tap the "Pause" button to stop the blinds at any desired position.



Figure 5: Touch panel controls for Open, Pause, and Close functions.

### 2. App Control (Smart Life)

After successful pairing, you can control your blinds from anywhere using the Smart Life app:

- Open the Smart Life app and select your LoraTap Blind Switch.
- Use the virtual buttons to open, close, or pause your blinds.
- Adjust the opening percentage (if supported by your motor and switch version).

### 3. Voice Control (Alexa / Google Home)

Integrate your LoraTap switch with Amazon Alexa or Google Home for hands-free control:

1. Enable the "Smart Life" skill in your Alexa or Google Home app.
2. Link your Smart Life account.
3. Discover devices. Your LoraTap switch should appear.
4. Use commands such as:
  - "Alexa, open the curtain."

- "Alexa, close the curtain."
- "Alexa, pause the curtain."
- "Hey Google, open the blinds."
- "Hey Google, close the blinds."



Figure 6: Voice control integration with smart assistants.

Your browser does not support the video tag.

Video 1: Demonstration of voice control for opening and closing blinds using a smart assistant.

## 4. Scheduling and Timer Functions

Set up schedules to automate your blinds' operation:

- In the Smart Life app, navigate to the device settings for your blind switch.
- Select "Schedule" or "Timer" to create new automation rules.
- Set specific times for opening or closing your blinds, for example, open at 8:30 AM and close at 9:00 PM.

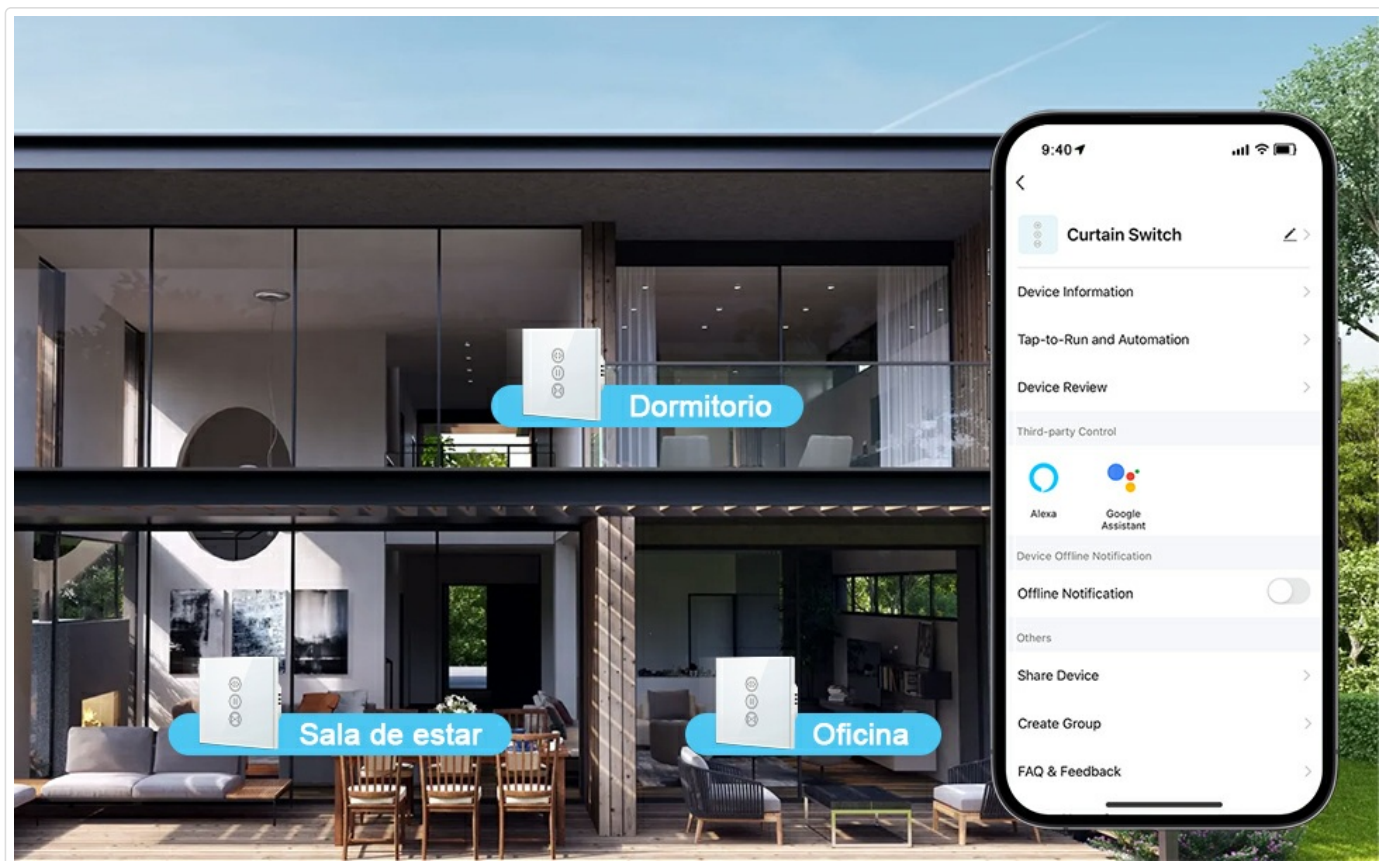


Figure 7: Setting up daily schedules for automatic blind operation via the Smart Life app.

You can also configure the operating time for the blinds, typically from 1 to 120 seconds, which is useful for large blinds to ensure full opening or closing.

# Viaje en el tiempo

El tiempo de funcionamiento se puede configurar de 1 a 120 segundos, por lo que es adecuado para su uso con persianas grandes.



Figure 8: Adjusting the blind operation time within the app, from 1 to 120 seconds.

## 5. Group Control

Control multiple LoraTap switches simultaneously by creating groups in the Smart Life app:

- In the Smart Life app, go to the main device list.
- Select "Create Group" and add the desired blind switches to the group.
- Once grouped, you can control all blinds in that group with a single command or tap.

# Crear un grupo

Puedes controlar varias cortinas simultáneamente configurando una función de grupo.

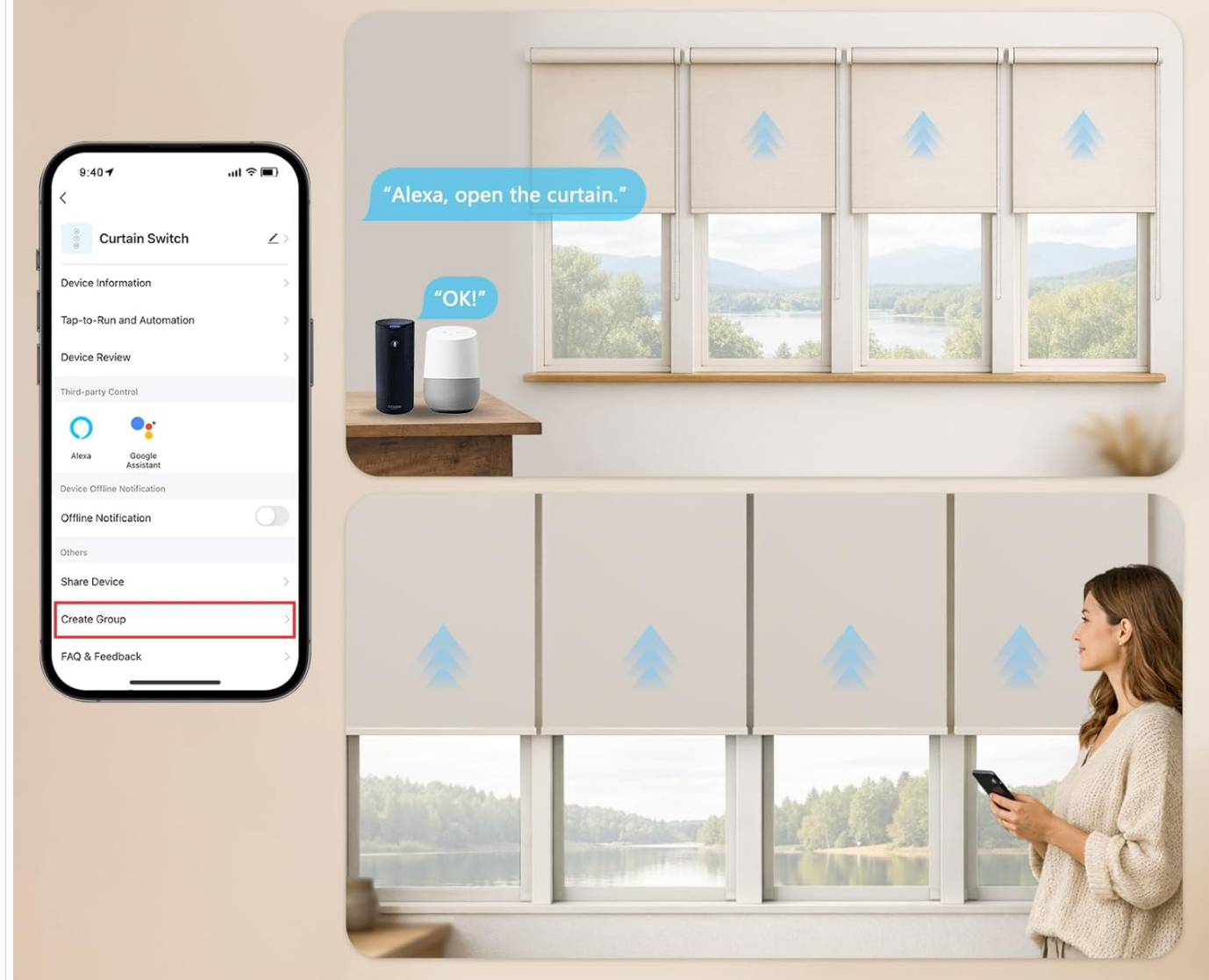


Figure 9: Creating a group in the Smart Life app to control multiple blinds simultaneously.

## MAINTENANCE

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The LoraTap Smart Blind Switch requires minimal maintenance. Follow these guidelines:

- **Cleaning:** Wipe the glass panel with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the surface.
- **Firmware Updates:** Periodically check the Smart Life app for any available firmware updates for your switch to ensure optimal performance and security.
- **Electrical Safety:** If you notice any unusual behavior, such as flickering lights or unresponsive controls, disconnect power and consult a qualified electrician.

## TROUBLESHOOTING

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Problem	Possible Cause	Solution
Switch not responding to touch.	No power, loose wiring, or switch malfunction.	Check power supply. Ensure wiring is secure. If problem persists, contact support.
Cannot pair with Smart Life app.	Incorrect Wi-Fi frequency (5GHz), weak Wi-Fi signal, or switch not in pairing mode.	Ensure your phone is on 2.4 GHz Wi-Fi. Move closer to the router. Reset the switch to pairing mode (hold 'Pause' button).
Voice control not working.	Smart Life skill not enabled/linked, incorrect device name, or internet connectivity issues.	Verify Smart Life skill is enabled and linked in Alexa/Google Home app. Check device name. Ensure stable internet connection.
Blinds not opening/closing fully.	Motor calibration issue or incorrect operating time setting.	Adjust the operating time for the blinds in the Smart Life app (refer to "Operating Instructions - 4. Scheduling and Timer Functions").

## SPECIFICATIONS

Feature	Detail
Brand	LoraTap
Model Number	602318824271
ASIN	B07PHTX7ZQ
Connectivity Protocol	Wi-Fi (2.4 GHz only)
Control Method	Remote Control (App), Voice Control (Alexa, Google Home)
Operating Voltage	240 Volts
Rated Current	10 Amperes
Power	600 Watts (Max)
Material	Tempered Glass (Panel), Copper, Brass (Contact Material)
Switch Type	Roller Blind Switch, 1-way
Mounting Type	Wall Mount
Dimensions (Package)	10.8 x 10.1 x 4.4 cm; 180 g
Certifications	CE, RoHS
Color	White

## WARRANTY AND SUPPORT

LoraTap offers a **3-year warranty** for this product. For any technical assistance, troubleshooting not covered in this manual, or warranty claims, please contact LoraTap customer support through their official website or the retailer where the product was purchased. Please have your model number (602318824271) and proof of purchase ready when contacting support.

You can also visit the [LoraTap Store on Amazon](#) for more information and products.

