



LINK SHADES

12V DC ROLLER SHADE

User Manual



English

INTRODUCTION

Thank you for your purchase. The following user manual will walk you through the setup of your Link Shades device.

In the event your shade has wrinkles or creases leave it fully closed for 24 hours after the setup procedure is complete. This will flatten the fabric.

Safety

WARNING: Read and understand all instructions. Failure to follow all instructions listed below may result in serious injury.

CAUTION: Do not allow persons to operate or install this device until they have read this manual and have developed a thorough understanding of how the linear actuator works.

WARNING: The warnings, cautions, and instructions discussed in this instruction manual cannot cover all possible conditions or situations that could occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator/

Warranty

Link Shades offers a 1 year warranty on all motors and controls. Specifically, Link Shades warrants its motors and controls to be free from defects in material and workmanship under normal and proper use for a period of 1 years commencing on the order date of the product. If the Link Shades product fails within this 1 year period, we will repair or replace it free of charge.

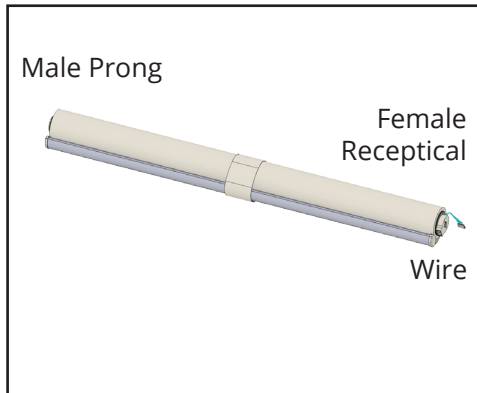


WARNING

This item is designed for certain applications only. The distributor cannot be responsible for issues arising from modification. We strongly recommend this item not be modified and/or used for any application other than that for which it was designed.

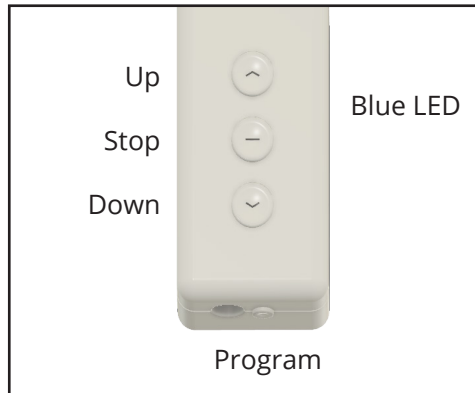
ITEM CHECK LIST

Please make sure all components below were in the box. If you are missing anything please contact us.



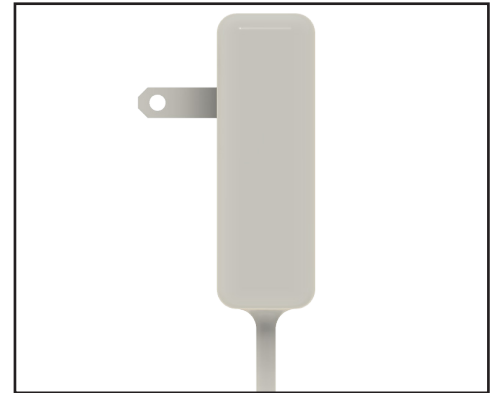
Window Shade

Pre-assembled shade with motor.



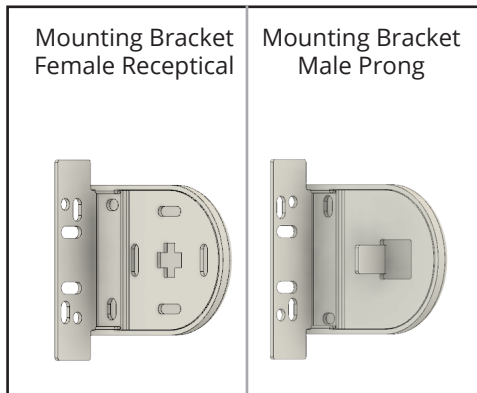
Control Box

WiFi control box with 3 foot communication cable attached.



Power Supply

9 foot 12v 2amp power supply.



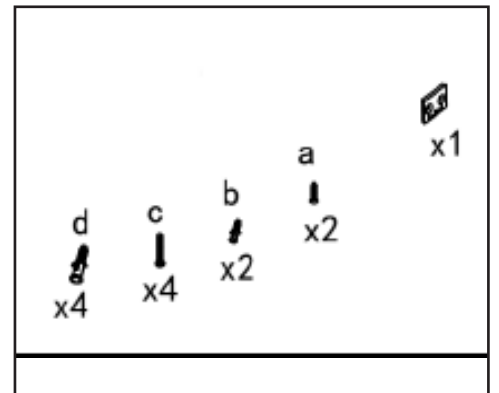
Mounting Brackets

Universal mounting brackets for either inside or outside mount.



Wire Molding

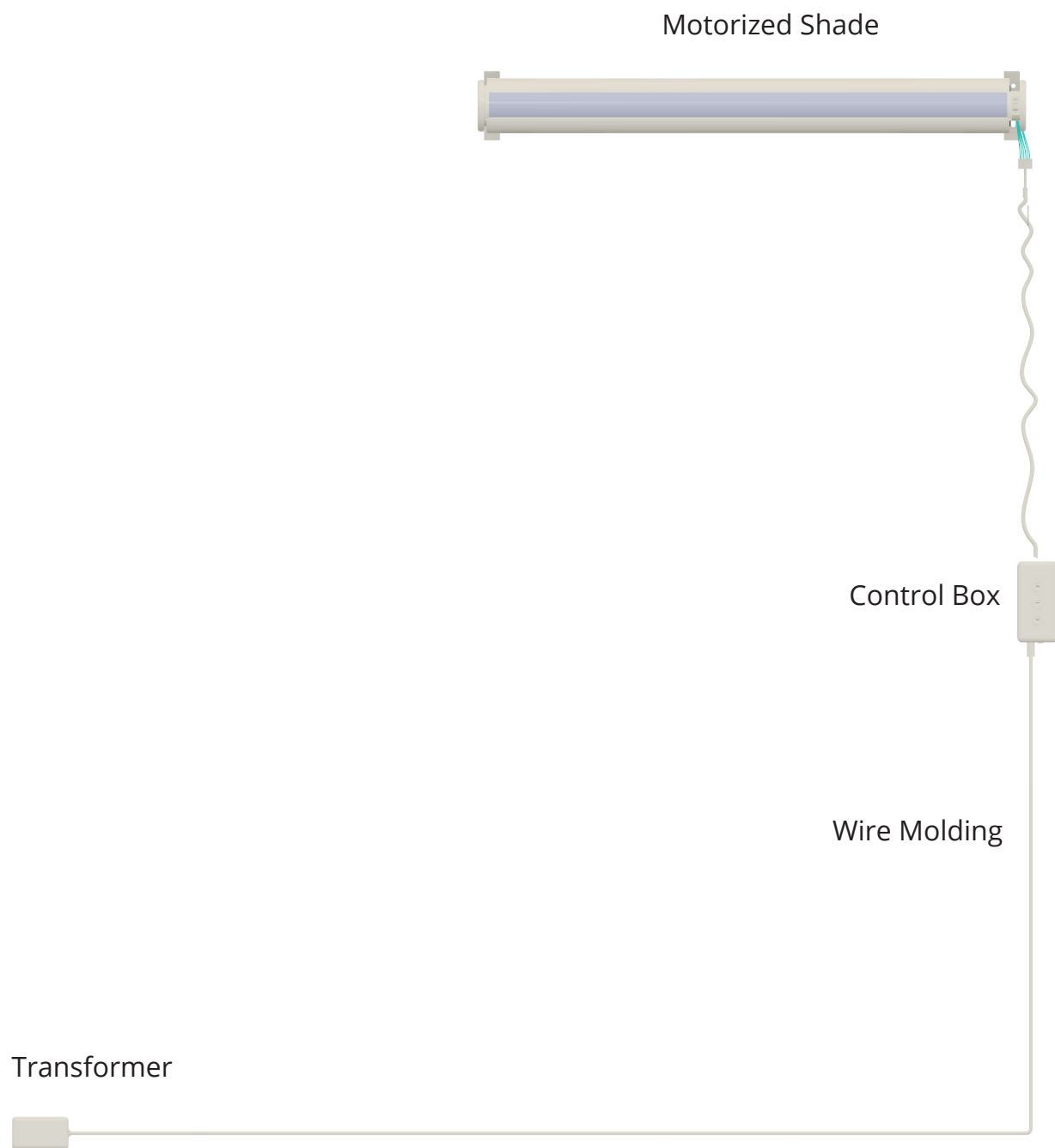
4 pieces of wire molding to hide wires.



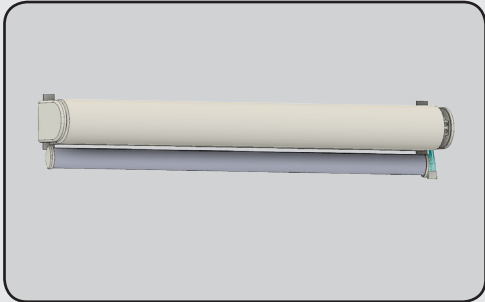
Mounting Hardware

(d): 4 bracket anchors
 (c): 4 bracket screws
 (b): 2 control box anchors
 (a): 2 control box screws
 Control box mounting plate
 Control box adhesive sticker

SYSTEM DIAGRAM

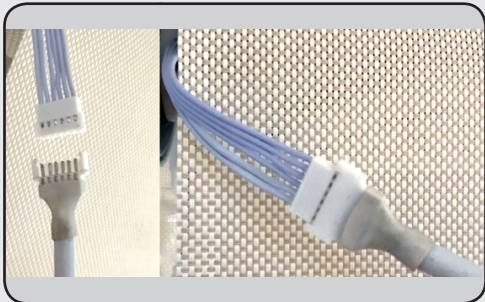


QUICK START GUIDE



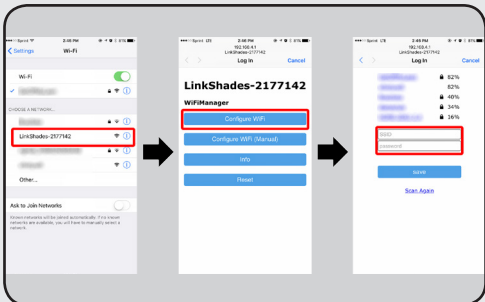
1. Mount Shade (standard roll)

- Install mounting brackets.
- Insert right side of shade onto mounting bracket with the male prong.
- Press the Male Prong in and slide the left side of the shade into the mounting bracket female receptacle.



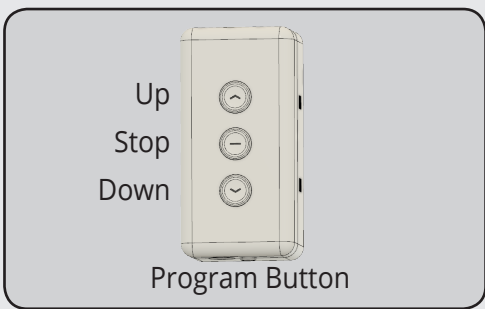
2. Connect Wires

- Plug the control box wire into the shade wire.
- Plug the 12v transformer into the control box (on bottom)



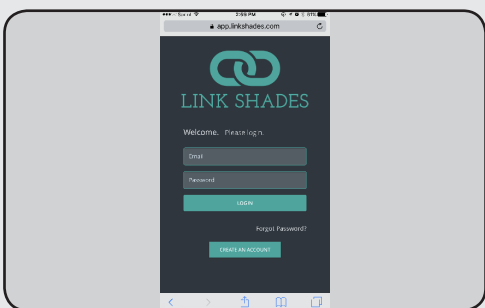
3. WiFi Setup

- Search for WiFi networks on your phone/computer.
 - Connect to LinkShades-xxxxxx
 - Follow wizard to join shade to your home network.
- Important! Write down the numbers in the network name. This is your Shade ID.**



4. Set Shade Limits

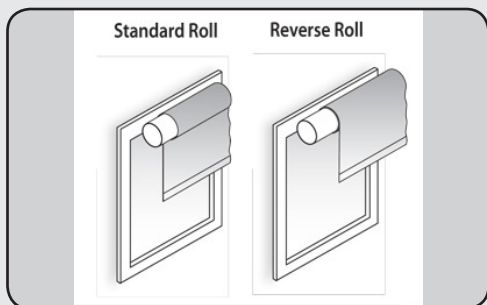
- Press and hold Program button on bottom of control box. Release when you hear 3 beeps.
- Tap Up button. Hit Stop button when shade reaches top.
- Press Program button to save top position.
- Tap Down button, hit Stop button when shade reaches bottom. Press Program button to save position.



5. App/Alexa Setup

- Create an account at <https://app.linkshades.com>
- Add the shade to your account.
- Add "Link Shades" Alexa skill to Alexa account.

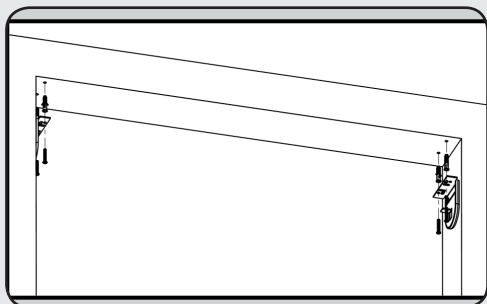
MOUNTING INSTRUCTIONS



1. Standard or Reverse Roll

Standard Roll: Control box will be on the right side. The motor bracket will be on the right.

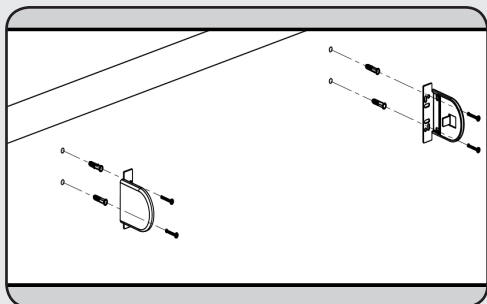
Reverse Roll: Control box will be on the left side. The motor bracket will be on the left.



2. Install Brackets (inside mount)

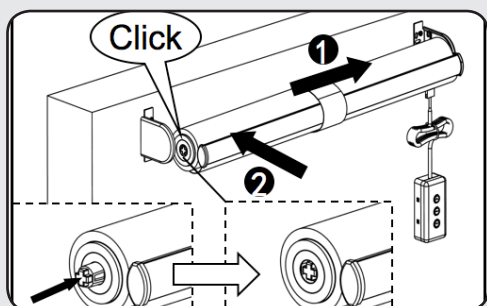
The brackets can be installed either on top of the window frame (as pictured) or on the side.

The distance between the two brackets must be .5" wider than the actual shade.



3. Install Brackets (outside mount)

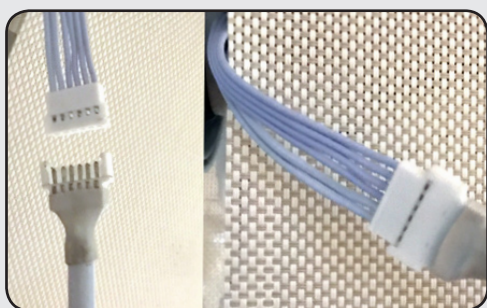
Install the brackets using the provided screws and anchors. The Motor Bracket must go on the right side of the window. The distance between the two brackets must be .5" wider than the actual shade.



4. Install Shade

a. Insert the right side of the shade onto the male prong of the right mounting bracket.

b. On the left side of the shade, press the male prong in and slide the shade over the mounting bracket. The male prong will click into the left mounting bracket's female receptacle.



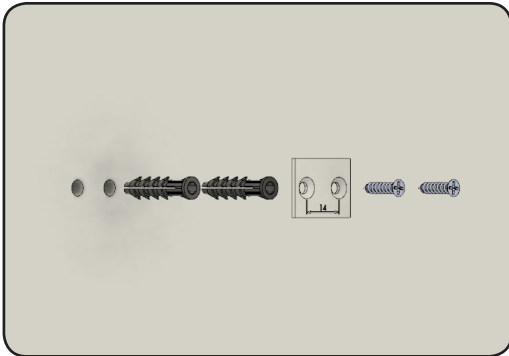
5. Connect Control Box To Shade

Plug the control box cable into the shade.

Important: The connector only fits in one direction. Do not try and force it.

MOUNTING INSTRUCTIONS

Page 2



5. Control Box Mounting Plate

a. Location: The plate should be installed about 3 feet below the shade. Make sure the wire will reach with a little slack.

MOUNTING OPTIONS:

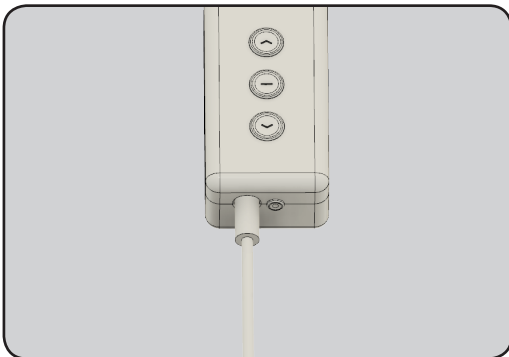
SCREWS: Use the provided anchors if required and attach mounting plate to wall.

TAPE. Mount with adhesive tape: Use the provided adhesive tape to mount the plate to the wall.



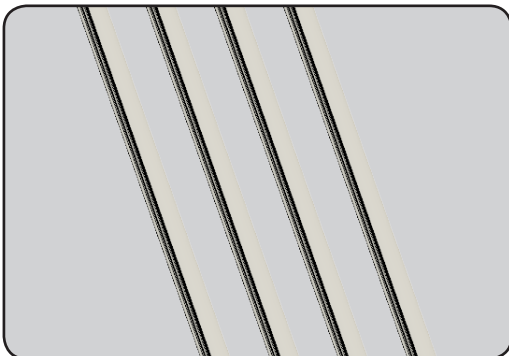
6. Mount Control Box

Slide the control box onto the mounting plate.



7. Connect Power

Plug the power supply into the bottom of the control box.



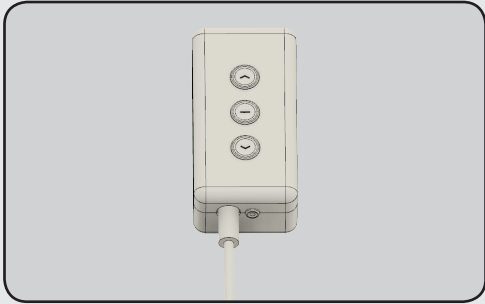
8. Install Wire Molding

a. Cut the molding to desired length with scissors or knife.

b. Insert wire into molding.

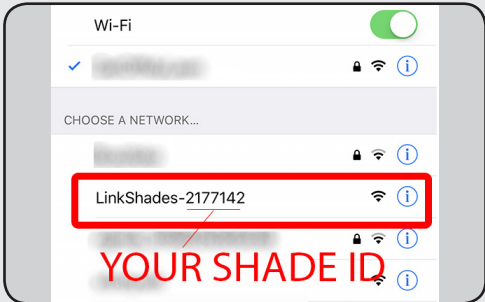
c. Remove adhesive backing and attach to wall.

CONNECT TO WIFI



1. Connect Power to Control Box

- Reconfirm the power supply is plugged into the bottom of control box.
- Reconfirm the power supply is plugged into the wall.
- The box will start flashing blue.

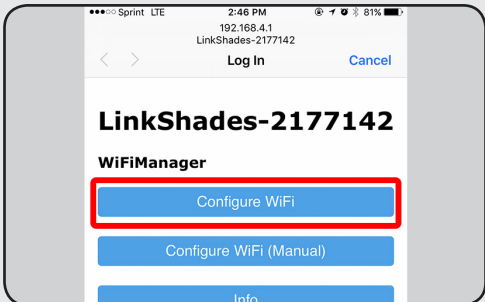


2. Get the Shade ID

On your phone or computer view the available wireless networks. You will see a network called "LinkShades-XXXXXX".

Write down the numbers in the network name, this is your shade ID.

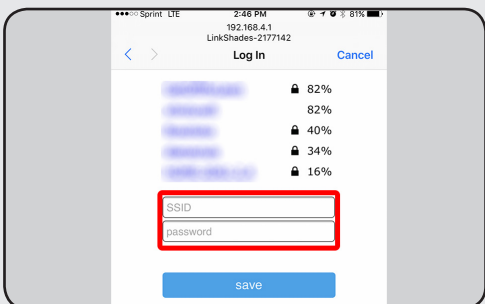
My Shade ID: _____



3. Connect to Access Point

On your phone or computer connect to the LinkShades-XXXX network.

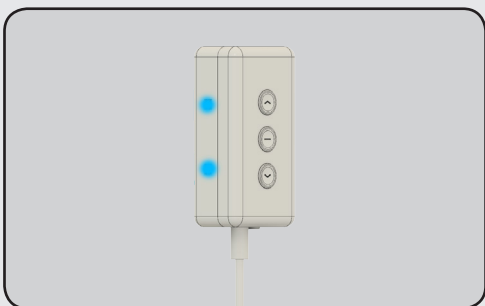
After a few seconds you will see a pop-up. Tap configure WiFi.



4. Connect to Your WiFi

Tap on your home WiFi network and type in your WiFi password.

Tap save. The control box will attempt to join your network.



5. Check LED

If the control box successfully connected, the LED on the control box will be steady blue. You are ready to move onto the next step.

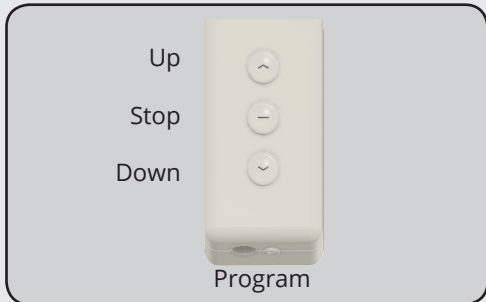
If the LED is still blinking, repeat the steps on this page.

SET SHADE LIMITS



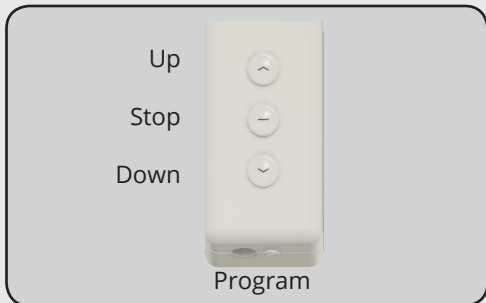
1. Press & Hold Program Button

Press and Hold the Program button. After 10 seconds you will hear 3 beeps. Release the button.



2. Set Top Limit

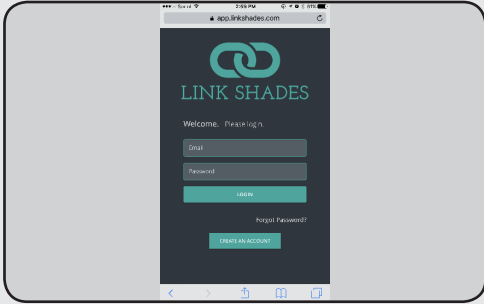
1. Move the shade (Using either Up or Down button) to desired Upper Limit Position and then hit Stop button.
2. You are now in Fine Tune Mode. Hit Up or Down followed by the Stop Button and the shade will move 1/4". Repeat until at desired position.
3. When the final position is achieved, tap the Program button (button 3) to save.



3. Set Bottom Limit

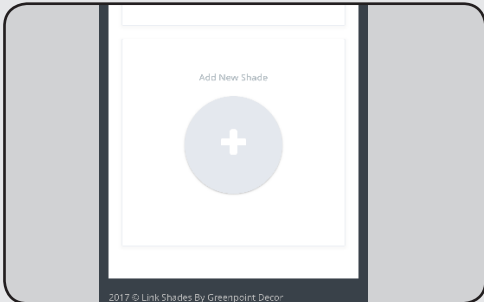
1. Press the Down Button.
2. When the shade is near the bottom, hit the Stop button.
3. You are now in Fine Tune Mode. Hit Up or Down followed by the Stop Button and the shade will move 1/4". Repeat until at desired position.
4. When the final position is achieved, tap the Program button (button 3) to save.

SETUP ACCOUNT ON APP.LINKSHADES.COM



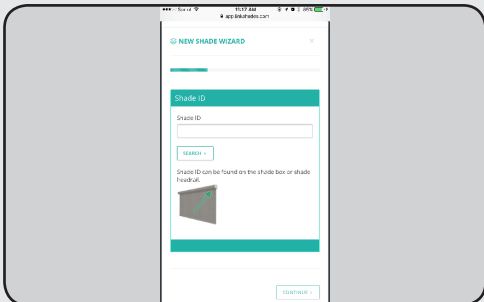
1. Create Account

Go to <https://app.linkshades.com>.
Create a new account and login.



2. Add Your Shade

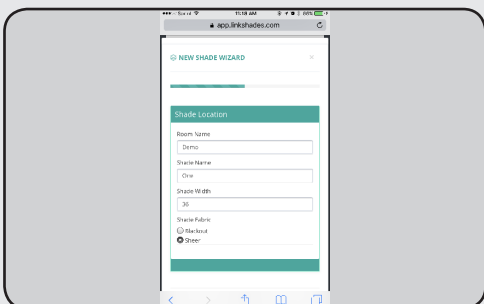
Click on the “Add Shade” button.



3. Search for Shade ID

Type in your Shade ID (found in the WiFi Setup, Step 2 on Page 8) and click search.

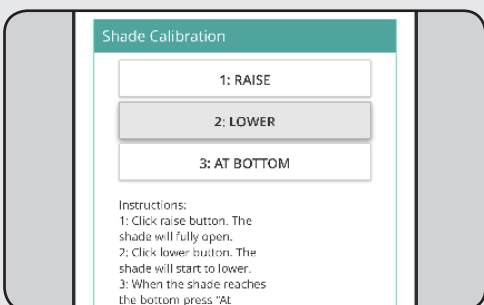
If your shade is not found please repeat the WiFi setup on page 8 and ensure you have a Internet connection.



4. Name your Shade

Give your shade a room name and device name.

Note: Alexa can group shades by room name. If you want to control multiple shades with one command use the same room name.



5. Configure Shade

Tap the raise button on your app to bring your shade to the top.

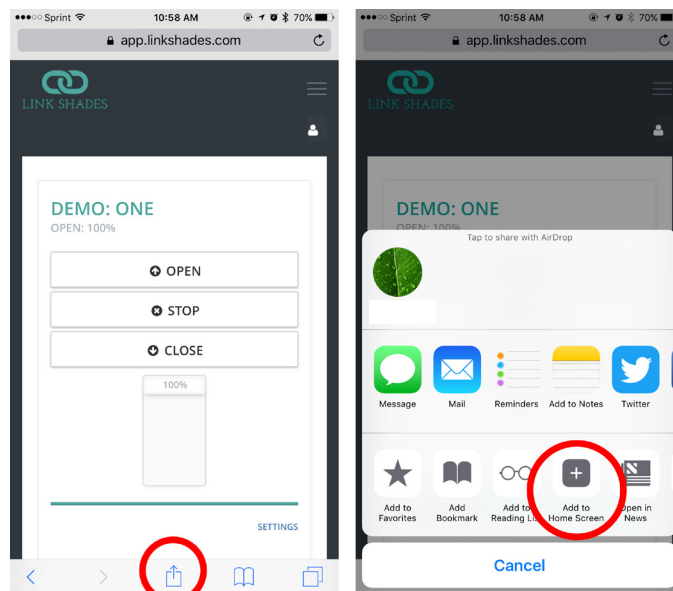
Tap the lower button and the shade will lower. When the shade reaches the bottom tap the stop bottom.

ADDITIONAL SETUP (OPTIONAL)

Your 12v DC roller shade is equipped with advanced features and integrations. You can create schedules, control your shade by voice through Alexa, and integrate with dozens of third party services with IFTTT.

App Shortcut

- Go to app.linkshades.com on your phone and login.
- Click the share icon on the bottom of the screen.
- Click “Add to Home Screen”.



Create a Schedule

- Click on the “Schedule” tab.
- Click “Add New Schedule”
- Select the days you want the schedule to run. Click continue.
- Set the time you want the schedule to run. Click continue.
- Select the shades you want included in the schedule. Click continue.
- Set the desired position for the shade(s). Click submit.

ADDITIONAL SETUP (CONTINUED)

Alexa

- Go to alexa.amazon.com
- Click on Skills on the left menu.
- Search Link Shades. Click on the Link Shades skill.
- Follow instructions to link account.

IFTTT

- Go to ifttt.com and login to your account.
- Click on “New Applet”.
- Select any “This” action you like (date and time, uber, etc).
- On step 3 (action service) search for Link Shades.
- Follow instructions to link account and setup action.

TROUBLESHOOTING

If your shade is not working correctly try these troubleshooting steps. If you still have problems please contact us.

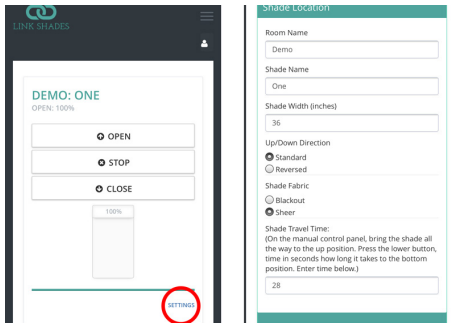
Try First

- **Is the LED solid blue?**

If the LED is blinking it means it is not connected to your WiFi network. Run the WiFi setup wizard again.

- **Is your internet connection working?**

Make sure your internet connection is working. Without internet the buttons on the control box will work, but your App, Schedules, Alexa, and IFTTT will not.

Problem	Solution
Shade not moving	a. Make sure power is applied. b. Make sure LED is solid blue. If it is blinking run the WiFi setup.
Shade raises/lowers too high/low	Run the set limits operation again. See page 9.
Schedules are off	Check the time zone setting under the My Account -> Profile.
Can't find shade network	Disconnect and Connect the Power Supply to the Control Box.
New WiFi Network	Press and hold the raise and lower button for 10 seconds to reset wifi settings.
Shade percentages are off	<p>From app.linkshades.com click on the settings for the shade. Adjust the travel time value until the percentages are correct.</p> 

12V DC ROLLER SHADE SPECS

Specs

Feature	Description
Power	12v DC, 2amp power supply. Typical draw is 60mA with shade not moving. Up to 1amp when shade is moving.
WiFi	802.11 b/g/n

Technical support

Link Shades

info@linkshades.com

www.linkshades.com



LINK SHADES

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