


**EZ WIFI Controller** - The DEKOR® WIFI Controller brings remote control of your DEKOR® LED lights to your fingertips anywhere in the world, to your voice with Amazon Alexa. With the DEKOR® WIFI Remote app, you can turn your DEKOR® lights on and off, control the brightness of your lights, and set up schedules that will automatically control your lights at the times you select. With multiple DEKOR® WIFI Controllers, you can set up individually controllable lighting “zones”, indoors or outdoors.

- Approvals :** UL, CSUL, CE, RoHS
- Channel:** Single, Self Provisioning
- Connectors :** Watertight twist lock
- Controls:** On/Off, Dimming, and Brighten Buttons
- Control Range:** Anywhere in the World\*
- Output Current :** 8.3 amp, 100 watt (max load)
- Output Voltage:** 12 VDC regulated
- Input Voltage:** 12 VDC
- IP Rating:** 64
- Water Resistant :** Yes



This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.



©2016 DEKOR LIGHTING - MODEL NO. EZWIFCONTROLLER INPUT:12VDC



\*Based on device connecting to available Wifi or Cellular Data network

Only approved for use with DEKOR® LED Lights and Transformers.

**DEKOR® WIFI Controller - New Hardware Installation**

The DEKOR® Wifi Controller is controlled by the DEKOR® Wifi Remote app using your existing Wifi network. The Wifi Controller must be installed in a location that is within range of your Wifi router. Determine the best range of your Wifi signal and the optimal installation location. If you are installing multiple light runs, using multiple Wifi Controllers, it is recommended that you install and turn power on to all controllers before setting up the app.

1. Connect the DEKOR® Wifi Controller to a DEKOR® transformer. **Make sure the transformer is NOT plugged in.** (Please note, use of a non-DEKOR® transformer will void the product warranty.)
2. Connect your DEKOR® lights to the Wifi Controller.
3. Plug in the transformer. The POWER ON light should be on (solid green) and the SYNC-WIFI Connect light should be OFF. When blue LED is OFF it indicates that the Controller is in Setup mode, ready to be connected to your Wifi network. See “DEKOR® WIFI CONTROLLER - RESET TO SETUP MODE” if the SYNC-WIFI Connect light is ON or blinking. Proceed to “Connecting your Wifi Controller” to connect your Wifi Controller to your Wifi network.



**CAUTION: DO NOT REVERSE POLARITY!** If connections are swapped when power is on it will permanently damage the controller. Make sure you have the **key** aligned correctly before inserting and do not force connection.

(Controller End) (Transformer End)

**Adding DEKOR® WIFI Controller to an Existing Installation**

The DEKOR® WIFI Controller replaces an EZ Photocell Timer and /or EZ Waterproof Dimmer. Disconnect all timers and/or controllers from current installation and then connect the DEKOR® WIFI Controller to a transformer and your lights to the Wifi Controller. When components are connected, connect the transformer to power and proceed to “DEKOR® WIFI Remote App - Connecting your Wifi Controller” to connect your Wifi Controller and lights to your Wifi network.

Prior to any installation, DEKOR® recommends all components be checked to make sure they are in working order. Connect the transformer and Wifi Controller to a single light from your installation to check that the transformer and Wifi Controller are in working order. If you run into any technical issues please contact customer care. **1-800-258-0344** or [customer care@dekorlighting.com](mailto:customer care@dekorlighting.com)

## Connecting to your Wifi Controller

There are 2 ways to connect your DEKOR® WIFI Controller to your wireless network: **WPS Push Button**  or **Smart Config**.

**WPS Push Button** (Primary) *Note: Refer to your router instructions for the location of your WPS button.*

### IMPORTANT - Must follow these steps IN ORDER

1. Plug in the DEKOR® WIFI Controller. **DO NOT press the ON/OFF** button until after step 5.
2. Hold down the DOWN button for at least 10 seconds until the blue SYNC-WIFI Connect light starts flashing.
3. Press the WPS button on your wireless router. After a few seconds, the SYNC-WIFI Connect light will stop blinking and stay on. This means the device is now connected to your network.
4. To complete the WPS connection, unplug the transformer for 5 seconds and plug it back in again.
5. Download the DEKOR® WIFI Remote App from the App Store or Google Play and proceed to the "DEKOR® WIFI Remote App - Initial Application Use" section to complete the controller connection.

### Smart Config (Alternate)

The following steps will connect the DEKOR® WIFI Controller to your Wifi network, using the DEKOR® WIFI Remote App.

1. Download the DEKOR® WIFI Remote app from the App Store or Google Play.



You can find it by searching for "DEKOR WIFI Remote"

2. Proceed to the "DEKOR® WIFI Remote App - Initial Application Use" section to complete the controller connection.

## DEKOR® WIFI Remote App - Initial Application Use

**NOTE:** Once on the **Lights Setup** screen, the Network Name field will be automatically populated with the Wifi network (SSID) your phone is currently connected to. If this field is empty, your mobile device is not connected to a Wifi network. You will need to connect your mobile device to Wifi before continuing.

**IMPORTANT:** In order to set up your controllers and successfully connect them to your network, you must be connected to a 2.4GHz network. Most current routers support both 2.4GHz and 5GHz networks. For setup, use the 2.4GHz network. After setup is successfully completed, you can be connected to either network when using the app to configure and control your Wifi controllers.

There are small differences between the iOS and Android apps, but basic operation and setup with the Wifi Controller are the same. Prior to opening the app, make sure your device is connected to your Wifi network.

1. The app opens to the Login screen. You will need to create a new account the first time you open the app.

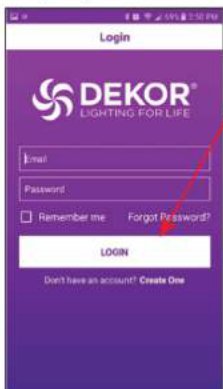
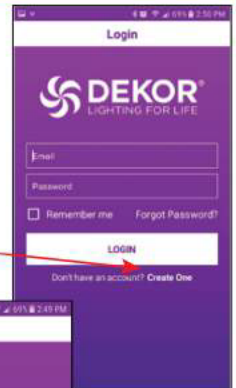
2. To create an account, tap "Create One" on the Login screen.

3. On the Signup screen enter your name, email address (must be a valid email address to receive the activation email) and a password. This account is required to allow you to control your lights from anywhere in the world and is required for Amazon Alexa control. (DEKOR does not store any data and does not give out your email address to any third parties except when required for the function of the Amazon Alexa control.)

4. Tap Submit. You will receive a success message in the app and an activation email at the address provided. This email is sent from [confirmation@dekorlighting.com](mailto:confirmation@dekorlighting.com) under the name "Dekor App". Please open your email and click the activation link to confirm your email address.

5. Once your account is activated, go back to the app on your mobile device, press "OK" and log in.

6. You'll be taken to the My Lights dashboard, which will initially tell you there are no devices found. Tap the + button to add a new controller.



6. When you enter the "Lights Setup" screen, you will be presented with detailed connection instructions. Please read them carefully, and note that if you have already used the WPS connection method, you do NOT need to return your controllers to setup mode and your SYNC LED will already be solid blue. Enter your network password, then tap Connect Lights.



7. The app will now connect with the DEKOR® WIFI Controller. During this time a progress bar will show on the screen and the Wifi Controller's blue SYNC-WIFI Connect LED will blink and then turn solid. If the blue LED remains blinking see "DEKOR® WIFI CONTROLLER - RESET TO SETUP MODE."

8. When the progress bar is completed you will see the default IDs of all identified controllers on the Lights Setup screen. Tap on a controller ID to add the controller.



9. Once on the add screen, rename the controller and tap Add at the bottom of the screen. It will add the controller and return to the Light Setup screen which will now say "No New Dimmer Device Found." \* Tap the Lights Setup at the top left of the screen, which will take you back to the Lights Setup screen that shows the network name. Tap CLOSE at the top right. Your Controller will now appear in the My Lights dashboard.



Your app and controller are now set up. You can use the app to control your lights manually or go to your settings to set up a schedule.

**iOS Settings** - Tap on the icon by the Name/ID to go to the settings screen.

**Android Settings** - Tap on Name/ID to go to the settings screen.

After initial setup, these controllers are associated with your account and will appear in your "My Lights" dashboard.

**\* Programming Multiple DEKOR® WIFI Controllers**

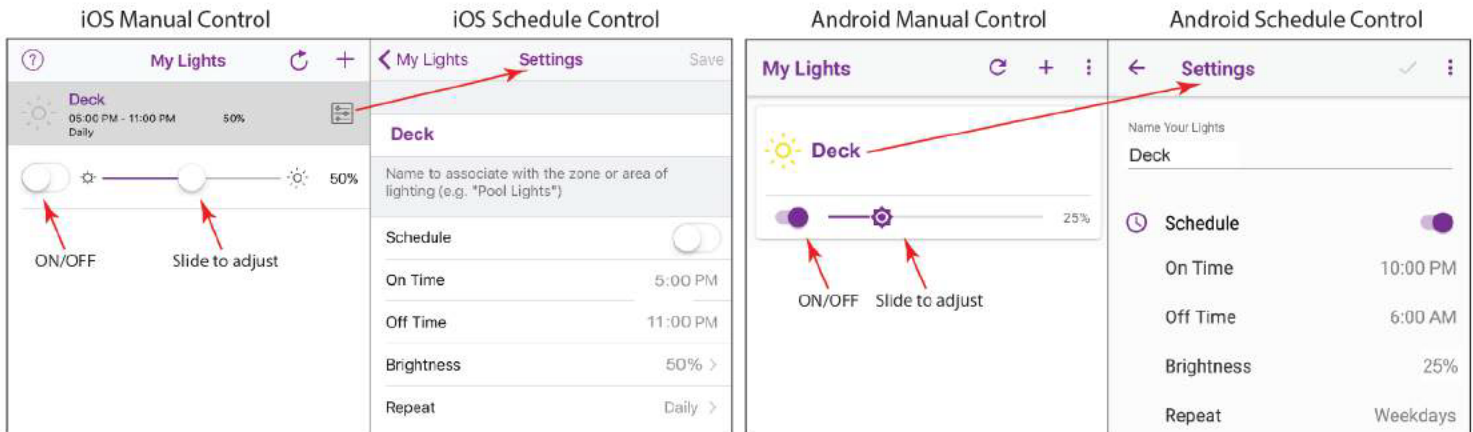
The DEKOR® WIFI app has the ability to control and schedule multiple DEKOR® WIFI Controllers. A separate Wifi Controller is required for each zone or run of lights that you want to control. Assigning separate names/IDs for each zone is mandatory. When setting up multiple zones at the same time, repeat steps 8 and 9 from "DEKOR® WIFI Remote App - Initial Application Use." If adding controller(s) to a network with an already programmed DEKOR® WIFI Controller proceed as follows:

1. Prior to programming the additional DEKOR® WIFI Controller(s) DISCONNECT the original programmed Controller(s) from the power source.
2. Connect the new Wifi Controller following the instructions from Step 6.
3. After new controller is programmed, you may reconnect the original Controller.

**NOTE:** It is important to remember that if any Controllers are sharing a transformer via a splitter, the power MUST BE OFF before reconnecting the originally programmed Controller.

**Manual Control** functions are on the "My Lights" screen. To set a schedule you need to select the "Setting" screen.

REMEMBER: To **SET** a schedule you must tap **SAVE**.



**Wifi Controller Lights & Manual Controls**

**DEKOR WIFI CONTROLLER - RESET TO SETUP MODE**

When setting up a Wifi Controller on your network, the Controller must be in Setup Mode. The Controller is in Setup Mode when the SYNC-WIFI Connect light is OFF. If this light is not OFF and you need to get the Controller into Setup Mode, press and hold the ON/OFF button for 10 seconds, or until the SYNC-WIFI Connect light goes OFF. Unplug the transformer and wait for the green power light to turn off. Plug the transformer back in. At this point, you can continue setup of the Controller from the app.

Upon successful setup of a Wifi Controller, the SYNC-WIFI Connect light will be ON (solid blue), indicating that the Controller is connected to your Wifi network. However, there are cases where setup may be unsuccessful - incorrectly entered Wifi password, the Controller not within range of your router, etc - in which case you may see the SYNC-WIFI light blink briefly, then go OFF again. At this point, you can try running setup in the app again (check your password!). You will have 5 such retries after which the SYNC-WIFI light will blink continuously, requiring you to reset the Controller to Setup Mode (as describe above). Any time the SYNC-WIFI light is blinking continuously under normal network conditions (with the POWER ON light ON, solid green), you will need to reset to Setup Mode and run setup again from the app.

The SYNC-WIFI Connect light will also flash in the event that a connected Wifi Controller loses its connection to the router. If the loss of connection is due to a system power loss, or loss of power to the router, no action is required; the Controller will automatically reconnect to the Wifi network when power is restored. If for some reason it does **not reconnect after power is restored, simply cycle power on the Controller and verify that the SYNC-WIFI light comes back ON (solid blue), indicating it is has reconnected.**

**CAUTION: Using Wifi Range Extender or Repeater**

Installation of a DEKOR® WIFI Controller that is outside the range of the main router may require the use of a Wifi Repeater or an extender. Due to the numerous manufacturers and specifications - we are unable to provide specific support on setting up a Wifi Controller that is out of range from the primary Wifi router. Extender or repeater **MUST USE** the same SSID of the main router in order for app to connect with the Wifi Controller. Follow basic instructions for setting up app and Controller. DEKOR has tested and confirmed that the Securifi Almond Router/Range Extender is compatible with the DEKOR® WIFI App and Controller.

**IMPORTANT:** In order to set up your Controllers and successfully connect them to your network, you must be connected to a 2.4GHz network. Most current routers support both 2.4GHz and 5GHz networks. For setup, use the 2.4GHz network. After setup is successfully completed, you can be connected to either network when using the app to configure and control your Controllers.

1. Set up the Wifi extender per the manufacturer's user manual. (Some extenders can be used as a router or extender - make sure you use the **extender setup**)
2. Make sure the Controller is connected to the transformer and powered on.
3. When the power light on the Controller is solid green, proceed to "DEKOR® WIFI Remote App - Connecting your Wifi Controller" to connect your Wifi Controller and lights to your Wifi network.

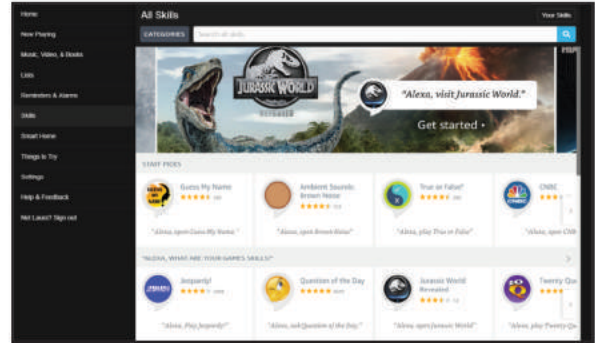
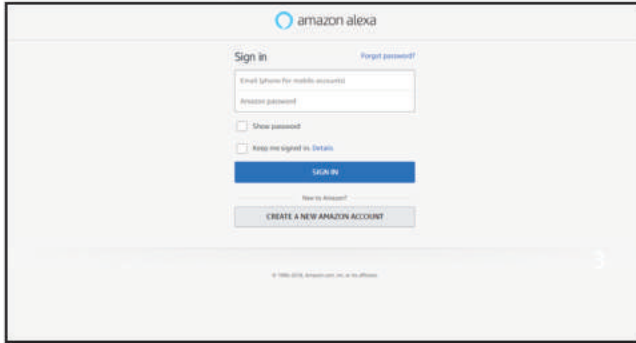
Always follow local electrical codes when installing this device. Installation should be performed by a qualified electrician.

The device or certain aspects thereof is protected by at least one U.S. or International patent or has at least one such patent application pending.

**THE DEKOR® EZ WIFI CONTROLLER HAS A NEW FRIEND – AMAZON’S ALEXA!** The July 2018 release of both firmware for the dimmer and apps for your mobile devices adds the ability to customize your DEKOR® lights from anywhere in the world you can access the Internet, and supports an Alexa skill that lets you control your lights with your voice. Ready to get started?

**ACTIVATE THE ALEXA DEKOR SKILL**

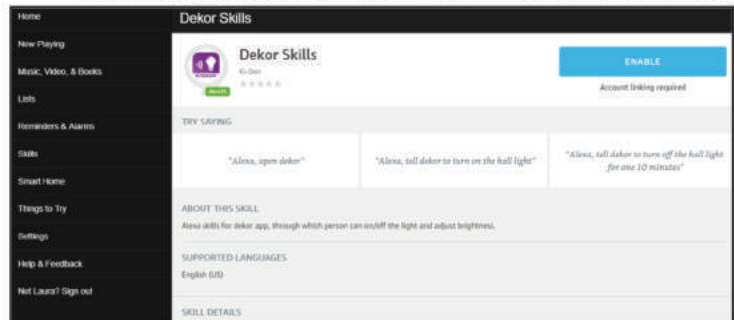
Open the Amazon Alexa app on your phone or navigate to alexa.amazon.com in a browser.



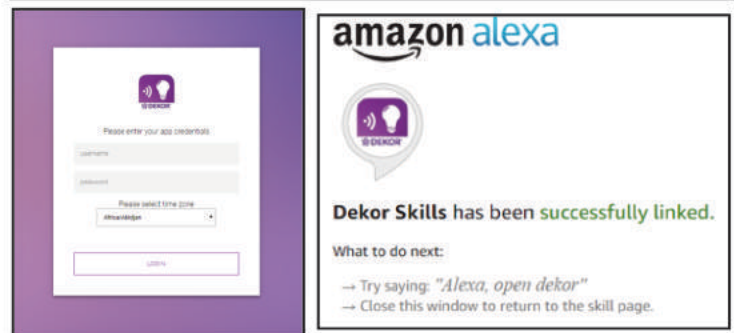
Sign in with the same Amazon account you used to set up your Alexa-enabled device (such as an Echo or Echo Dot) and click “Skills & Games”.

Search for “Dekor” and select the Dekor Skill.

Click “Enable”. You will be taken to a page to provide the same credentials you use to log in to the Dekor app on your phone, and your preferred time zone.



You will see a success message. If you do not, please unlink the skill in the Alexa app and try again.



**USING THE ALEXA DEKOR SKILL**

To open the Dekor app, simply say “Alexa, open Dekor”. While you are in the app, Alexa will keep listening for new commands so you do not need to say “Alexa” in front of each one. Each command references a specific dimmer exactly as it is named in your Android or iOS app. We will use the light we named “Back Patio” as an example here.

**COMMANDS AND REQUESTS**

Once you tell Alexa to open the DEKOR app you may ask Alexa to perform the following commands:

- To turn on a controller, say “Turn on Back patio”
- To turn off a controller, say “Turn off Back patio”
- To set the brightness of a controller, say “Set Back patio to 25%”
- To check the brightness of a controller, say “How bright is the Back patio?”
- To set the schedule for a controller, provide an “on” time, an “off” time, and which days the schedule should run. If a parameter is not provided, the default time is midnight and the default recurrence is “never”. (Note: If you do not specify an on/off time the lights will stay on until 12PM)
  1. To set a daily schedule for a specific length of time, say “Turn my back patio on at 6pm and off at 9pm everyday.”
  2. To set a weekend schedule for a specific length of time, say “Turn my back patio on at 6pm and off at 9pm on weekends.”
  3. To set a weekday schedule for a specific length of time, say “Turn my back patio on at 6pm and off at 9pm on weekday.”
  4. To set a schedule to turn on right away that does not repeat, say “ Turn on the back patio for 30 minutes”