


EZ WIFI Controller - The DEKOR® WIFI Controller brings remote control of your DEKOR LED lights to your fingertips. 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. The DEKOR WIFI Controller can be used with all existing DEKOR transformers or any other 12VDC systems.*

- Approvals : UL, CSUL, CE, RoHS
- Channel: Single, Self Provisioning
- Connectors : Watertight twist lock
- Controls: On/Off , Dimming, and Brighten Buttons
- Control Range: 70'-100' from WIFI router*
- Output Current : 10 amp (max)
- 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.



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* Range varies based on structural obstruction, topography, as well as router type.

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 Wi-Fi network. The WIFI Controller must be installed in a location that is within range of your Wi-Fi router. Determine the best range of your Wi-Fi 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 Wi-Fi 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 Wi-Fi network.



CAUTION: DO NOT REVERSE POLARITY! If connections are crossed 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 LED Controller. Disconnect all timers and/or Controllers from current installation and connect DEKOR WIFI Controller to transformer and then the lights to WIFI Controller. When components are connected, then connect transformer to power and proceed to “DEKOR WIFI Remote App - Connecting your WiFi Controller” to connect your WiFi Controller and lights to your Wi-Fi network.

Prior to any installation DEKOR® recommends all components be checked to make sure they are in working order. Connect transformer and WIFI Controller to a single light from your installation to check that transformer and WIFI Controller are in working order. If you run into any technical issues please contact customer care. **1-800-258-0344** or customercare@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 (Recommended) *Note: Refer to your router instructions for location of your WPS button.*

IMPORTANT - Must follow these steps IN ORDER

1. Plug in the DEKOR WiFi Dimmer. **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. Download the DEKOR WiFi Remote app from the App Store or Google Play. You can find it by searching for "DEKOR WiFi Remote."
5. Open the DEKOR WiFi Remote app on your smartphone. The dimmer should show up on your list of lights (more details are in the section "DEKOR WiFi Remote App – Initial Application Use").
 - a. If the app does not show the dimmer, unplug the dimmer and plug it back in, then press the refresh button on the app.

Smart Config (Alternate)

The following steps will connect the DEKOR WiFi Controller to your Wi-Fi 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. Confirm that your WiFi Controller, lights and transformer are connected, powered and in Setup mode as described on previous page in "DEKOR WiFi Controller - New Hardware Installation".
3. Open the app and follow the prompts on the screen to get started connecting your Controller and lights to the WiFi network.



NOTE: Once on the **Lights Setup** screen, the Network Name field (Image #4) 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 Wi-Fi 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 5.0GHz 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.

DEKOR® WiFi Remote App - Initial Application Use

There are small differences between the iOS and Android apps but the essential operation and set up with the WiFi Controller are the same. Prior to opening the app make sure your device is connected to your WiFi network

1. When the app opens it takes you from the splash screen to the **"My Lights"** screen where you would tap on the **+** button to get started.
2. On your initial set up after tapping on the **+** button you will be taken to the **First Set Up** instruction screen. This only happens one time.
3. Read **FIRST SETUP** Instructions.

FIRST SETUP - Welcome to DEKOR LED Remote setup. Follow the steps below to connect the app to your DEKOR® Lights

- ✓ Install your DEKOR WiFi Controller lighting controllers and lights per the product instructions.
- ✓ Confirm that your controllers are powered and within range of your WiFi router.
- ✓ Verify that each controller is in Setup Mode. The POWER ON light should be illuminated whenever the unit has power. The controller is in Setup Mode when the SYNC-WiFi Connect light is off. If the light is on, press and hold the ON/OFF switch on the unit until the light goes off.
- ✓ Make sure your phone or tablet is connected to the WiFi network that you want your DEKOR controllers to be connected to. Note, the WiFi network must be a 2.4GHz network for successful network setup. Please refer to the Support FAQ for more details.
- ✓ Tap the Close button above. This will return you to the Lights Setup screen. Enter your WiFi password (the Network Name field should already be filled in, based on the network your phone is currently connected to), and tap the "Add Lights" button. If setup is successful, you will be returned to the My Lights screen which will show all of your connected controllers. You can now use the app to control and schedule your lights!
- ✓ If you do not see all of your controllers on the My Lights screen, first try to refresh the list using the refresh button in the top bar. If you still do not see all of your controllers, you can try to add them again, using the '+' button in the top bar. Please confirm that you are entering your Wi-Fi password correctly and confirm that your DEKOR controllers are Setup mode, as described above, before "Adding Lights". If you continue to experience problems connecting your lighting controllers, please refer to our Support FAQ.
- ✓ **Note:** Each newly connected controller will have a default name that starts with "DekorL1-". It is recommended that you change the name to something more meaningful, such as a name for the "zone" or location of your lights. To do so, from the My Lights screen, tap the settings icon for the lights you want to name. From the Settings screen, edit the name, and tap the Save button to save the new name.


4. After reading Instructions tap CLOSE, the app will then search for the DEKOR WIFI Controller. When app connects with controller it will take you to the "Lights Setup" screen where it will display the WIFI Network ID. ENTER your network password, then tap "ADD LIGHTS".

5. The app will now connect with the DEKOR® WIFI Controller and display the connecting lights to network screen. During this time a Progress Bar will show on the screen and on the WIFI Controller the Blue LED SYNC-WIFI Connect will blink and then turn solid. If Blue LED remains blinking see - DEKOR WIFI CONTROLLER-RESET TO SETUP MODE.



6. When the Progress Bar is completed screen will show "My Lights" screen with controllers default ID. Rename Controller and **SAVE**. Remember when using multiple controllers, each controller must have a unique name/ID.

Your app and controller are now set and you can use in manual mode or go to your Settings to set up a schedule.

iOS Settings - Tap on  by Name/ID to go to Settings screen. **Android Settings** - Tap on Name/ID to go to Settings screen.

After initial Set Up, when app is launched it will open the splash screen; then go to search screen; and then go to your "My Lights" screen.

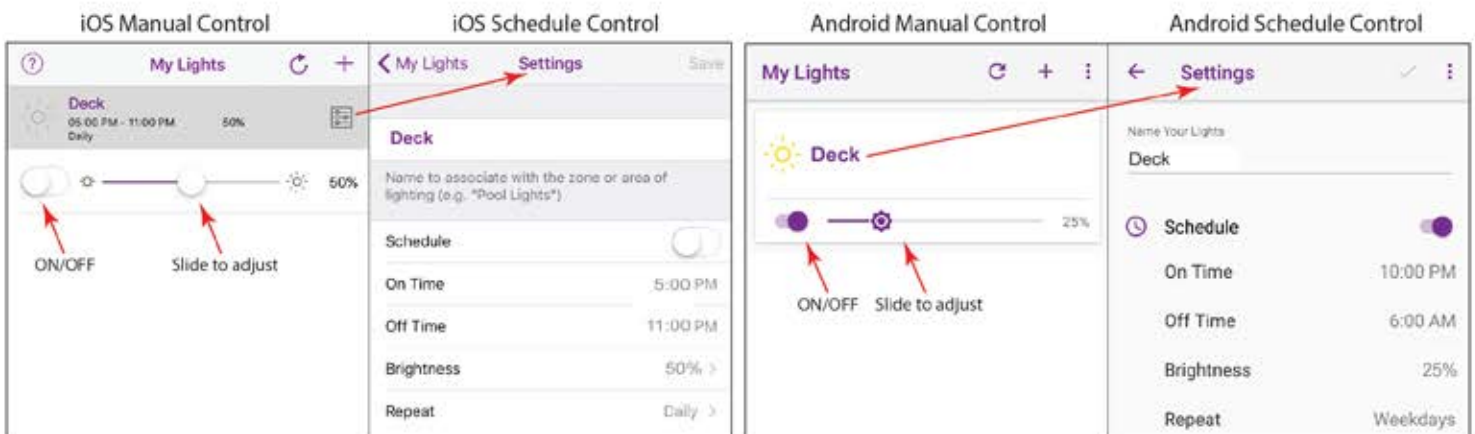
Programming Multiple DEKOR® WIFI Controllers

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/ID for each zone is mandatory. When setting up multiple zones at the same time follow the same instructions as programming a single unit. The app will show all the controllers, with their default ID's after it searches the WiFi network and finds the controllers. If adding a 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 programmed controller from the power source.
2. Connect the new WIFI Controller following the instructions from the FIRST SET UP.
3. After new controller is programmed, you may reconnect the original controller.

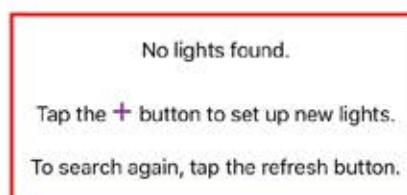
NOTE: It is important to remember that if any controllers are sharing a transformer via a splitter, the power MUST BE OFF before reconnecting the originally programmed controller.

Manual Control functions are on the "My Lights" screen. To set a schedule you need to select the "Setting" Screen. REMEMBER: To **SET** schedule you must **SAVE**.



No lights found.- After Initial WIFI Controller Set Up

If after WIFI Controller and app have been set up and you see this screen:



Do Not Tap + to set up new lights. First try refresh , if this results in the same screen, try disconnecting and reconnecting power to transformer, then refresh  again. If lights do not show up, then refer to DEKOR WIFI CONTROLLER - RESET TO SETUP MODE on back.



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 > 6 sec (+/- 1 sec), or until the SYNC-WIFI Connect light goes OFF. Unplug the transformer and wait for the green power light to turn off. Then plug their 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). Anytime the SYNC-WIFI light is blinking continuously (with the POWER ON light ON, solid green), you will need to reset to Setup Mode and run setup again from the app.

In the event that a connected WiFi Controller loses its connection to the router, the POWER ON light and the SYNC-WIFI light will flash in unison. 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 Wi-Fi 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 set up 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 5.0GHz 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 manufacturers 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 Wi-Fi 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 on such patent application pending.