

## Decora Digital™ Controls with Bluetooth® Technology

### Device Questions

- Is a neutral wire required with Leviton Decora Digital Controls?**  
 A neutral wire is required for use with the DDMX1, DDS15, DDE06 and DDF01. The DDL06-1L and DDL06-BL do not require a neutral wire for use but do require a connection to ground wire.
- Is a ground wire required with Leviton Decora Digital Controls?**  
 Yes. All Decora Digital devices require a ground wire for installation.
- How do I identify my device's model number?**  
 If you remove the wall plate, there is a product label in the upper right hand corner of the metal strap.



- What are the minimum smartphone and tablet hardware requirements?**  
 Decora Digital requires that smartphones and tablets support Bluetooth 4.0 (BT LE), also known as Bluetooth Low Energy. The following iPhones® and iPads® use Bluetooth 4.0:

iPhone®	iPad®
iPhone 4s	iPad, 3rd generation
iPhone 5	iPad, 4th generation
iPhone 5c	iPad mini™
iPhone 5s	iPad mini 2
iPhone 6	iPad mini 3
iPhone 6 Plus	iPad mini 4
iPhone SE	iPad Air®
iPhone 7	iPad Air 2
iPhone 7 Plus	iPad Pro®
iPhone 8	
iPhone 8 Plus	
iPhone X	

- What are the minimum Operating System requirements?**  
 Apple: iOS 6.0 or later  
 Android: Android 5.0 or later  
 Android 7.1 or later (Android 7.0 is not supported)

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- **Can the rechargeable backup battery be replaced in the DDS15, DDE06, DD710 or DDF01?**  
No, the battery is permanently installed.

- **What happens to my devices if my home loses power?**  
The DDS15, DDE06, DD710 and DDF01 all include a built-in backup battery that is used to keep track of the current time of day even in the event of a power loss. These devices have been designed to maintain the time for more than 72 hours without power.

The DDMX1 and DDL06-BL do not have this built-in backup battery, so you may need to reconnect your device to the Decora Digital Dimmer & Timer App to update to the current time in the event of a long or short-term power interruption.

- **If I lose power, do I have to reset all the programming?**  
Settings such as programmed events, minimum dim level, etc. are permanently programmed into the device. Power loss will not affect these settings and they will remain unchanged. For devices without a backup battery, such as DDMX1 and DDL06-BL, a connection will be required to update the time.

- **Do the Decora Digital Controls have a locator light?**  
All Decora Digital controls (except for the DD0SR-1 Remote) have a locator light. The locator light is the small green LED light located below the rocker switch that illuminates when the load is off. This light is helpful in locating the device in the dark. This light can be disabled using the Decora Digital Dimmer & Timer app for users who choose not to have this light illuminated (DDL06-1L users must disable this manually).

- **What type of bulbs can be used with Decora Digital Controls?**

DDMX1	Dimmable LEDs, dimmable CFLs, incandescent, halogen, Mark10® Powerline, MLV
DDL06	Dimmable LEDs, dimmable CFLs, incandescent, halogen
DDS15	LED, CFL, incandescent, fluorescent, resistive, motor
DDE06	ELV, dimmable LEDs, dimmable CFLs, incandescent, halogen
DD710	0-10V LED/Fluorescent Ballasts

Leviton recommends only LED and CFL bulbs that are labeled as DIMMABLE be used with the Decora Digital Dimmers. The packaging on the bulb should identify it as dimmable.

- **Will I save energy if I dim LED and CFL bulbs?**  
Yes, dimming any bulb reduces energy consumption and is the perfect way to set the ambiance for any occasion. Below is an example of the energy savings\* realized when you dim incandescent, dimmable LED or dimmable CFL bulbs.

Relative Light Output (% Dimmed)	75W Incandescent (Wattage)	26W CFL (Wattage)	17W LED (Wattage)
100%	75W	26W	17W
75%	63W	18W	12W
50%	51W	13W	7W
20%	34W	7W	3W

\*Energy savings may vary.

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- ***What makes dimming a dimmable LED/CFL bulb different than dimming an incandescent bulb?***

Dimmable LED and CFL bulbs contain electronic circuitry not present in incandescent bulbs. Therefore, it can be difficult to achieve the same smooth start and complete dimming range as one sees with incandescent bulbs. The Decora Digital Dimmer is designed to interact with the electronic circuitry, providing smooth low level dimming on the majority of bulbs by major manufacturers.

- ***Are there any adjustments that will need to be made to the Decora Digital Device based on the bulb I choose?***

In certain cases, particularly those of lower quality LED-bulbs, flickering may be experienced at the lower end of the dimming range. In order to improve performance, digital dimmers incorporate a minimum adjustment feature that is accessible through the app. Users can raise the lowest possible dim level to “trim” out any flicker issues.

Dimmable CFL bulbs may require an additional “kick start\*” or automatic adjustment to turn on. In this case, the dimmer will need to be set to CFL mode. Please refer to the device instruction sheet for details.

- ***Can I use dimmable LED bulbs when the dimmer is set to CFL mode?***

This is perfectly acceptable, especially if you encounter LED bulbs that are difficult to start at a low preset dimmer level. In CFL mode the dimmer will provide increased energy or a “kick start\*” to start the bulb.

*\* “Kick start” is a precise boost of energy applied to difficult to start CFLs to initiate smooth start up and prevent flickering. This feature maximizes the usable dimming range by allowing the user to start at the lowest possible dim/bright bar position.*

- ***My dimmable LED/CFL bulbs do not turn on when at the lowest dimmer setting. What can I do?***

Some bulbs have wider dimming ranges than others. In order to take advantage of the full dimming range of the bulb, use the app to adjust and set the minimum light level. The minimum light level should be set at the point where the lights turn on without delay. Once set, the lights cannot be dimmed below that level and therefore are programmed to turn on without delay in all future uses. Please refer to the device instruction sheet for details.

- ***I have some LED bulbs that seem to have a slight delay before they turn on, is this to be expected?***

It may depend on the bulb. If the dimmer is programmed to have the soft on and off feature enabled, which fades the lights on and off as opposed to abruptly turning them on like a regular switch, there could be a slight delay before some bulbs will turn on. While most will operate fine with the soft on and off and changes to dimmer settings, some bulbs have a built in delay during those events and it may take a moment before they will turn on or respond to changes in dimmer settings.

Another reason is that some bulbs have wider dimming ranges than others. In order to take advantage of the full dimming range of the bulb, use the app to adjust and set the minimum light level. The minimum light level should be set at the point where the lights turn on without delay. Once set, the lights cannot be dimmed below that level and therefore are programmed to turn on without delay in all future uses.

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- **What will happen if I mix bulb types with the Decora Digital Dimmer?**

It is strongly recommended that the same light source be used to achieve consistent performance from bulb to bulb. Keep in mind that different LED bulbs may have different color temperatures and dimming ranges. If you choose to mix bulb types on the same dimmer it is possible that you will experience a variation in dimming performance and start up characteristics.

- **Is de-rating required when installing more than one Decora Digital device in the same wallbox?**

If you install more than one device in the same wallbox, you may need to de-rate or reduce the load that each device can control. De-rating may be necessary based on the type of bulb you are controlling. Incandescent and Magnetic Low Voltage bulbs require de-rating. De-rating is not required when using dimmable LED or dimmable CFL bulbs in multi-dimmer installations. **Refer to the de-rating chart in the instructions for maximum load per dimmer.**

DDMX1 - MAXIMUM LOAD PER DIMMER FOR MULTI-DEVICE			
LOAD	ONE DEVICE	TWO DEVICES	MORE THAN TWO DEVICES
Incandescent	1000W	800W	700W
Magnetic Low Voltage	1000VA	800VA	700VA

DDL06 - MAXIMUM LOAD PER DIMMER FOR MULTI-DEVICE			
LOAD	ONE DEVICE	TWO DEVICES	MORE THAN TWO DEVICES
Incandescent	600W	500W	500W

DDE06 - MAXIMUM LOAD PER DIMMER FOR MULTI-DEVICE			
LOAD	ONE DEVICE	TWO DEVICES	MORE THAN TWO DEVICES
Incandescent	600W	500W	400W
Electronic Low Voltage	600W	500W	400W

DDF01 - MAXIMUM FAN SPEED CONTROL FOR MULTI-DEVICE		
ONE DEVICE	TWO DEVICES	MORE THAN TWO DEVICES
1.5A	1.5A	1.5A

DDE06 - MAXIMUM BULB WATTAGE AT 80% EFFICIENCY			
LOAD	ONE DEVICE	TWO DEVICES	MORE THAN TWO DEVICES
Incandescent	480W	400W	320W
Electronic Low Voltage	480W	400W	320W

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DD710 - MAXIMUM BULB WATTAGE AT 80% EFFICIENCY				
VOLTS	RATING	ONE DEVICE	TWO DEVICES	MORE THAN TWO DEVICES
120V	950VA	760VA	760VA	760VA
277V	1350VA	1080VA	1080VA	1080VA

- What colors do the Decora Digital Controls come in?**  
 All Decora Digital Controls have changeable faceplates and come packaged with three colors in a box: White, Ivory and Light Almond. Additional packaging options are available. Color change kits are available in White, Ivory, Light Almond, Gray, Black, and Brown.
- How do I reset a Decora Digital device to its original factory settings?**  
 In order to reset the Decora Digital device, hold the top of the rocker switch down until the LED locator light starts to blink, this should take about 6 seconds. The Decora Digital device is now reset. Once the device is reset, it may be necessary to pair again with the Decora Digital Dimmer & Timer App.

## Remotes and Multi-Location

- Decora Digital Controls are suitable for single pole and 3-way/multi-location applications, what does that mean?**  
 Single pole means controlling one or more lighting fixtures from one location. 3-way is the ability to control one or more lighting fixtures from two separate switch locations. An example of a 3-way is the ability to control the same fixture from a switch at the top of a staircase and from another switch at the bottom of the staircase. A Decora Digital remote must be used with the Decora Digital Dimmer or Switch in 3-way or multi-location applications.

3-Way/Multi-Location Remotes				
	Remote	<u>DD00R-DL</u> Matching Dimmer Remote	<u>DD0SR-DL</u> Matching Switch Remote	<u>DD0SR-1</u> Coordinating Switch Remote
Decora Digital	DDMX1, DDL06-BL, DDL06-1L, DDE06, DD710, DDF01	Yes	-	Yes
	DDS15	-	Yes	Yes

## Decora Digital™ Controls with Bluetooth® Technology

- **What is the difference between a matching and a coordinating remote?**

A matching remote offers more functionality than a coordinating remote. The chart below outlines the differences between Decora Digital 3-way remotes and the functions offered.

Remote	Functions			
	On/Off Control	Dim/Bright Control	LED Brightness Display	LED Locator Light
DD00R-DL Matching Dimmer Remote	Yes	Yes	Yes	Yes
DD0SR-DL Matching Switch Remote	Yes	No	No	Yes
DD0SR-1 Coordinating Switch Remote	Yes	No	No	No

- **I am having trouble installing (wiring) my remote device.**

Remote devices such as the DD00R-DL and DD0SR-DL require a neutral wire in the wall box. If there is no neutral wire present, there is an alternative wiring technique that can be used with the DD0SR-1. Please [click here](#) to access a helpful video on installing remote devices.

## Bluetooth Connectivity

- **What are the benefits of using Decora Digital Controls with Bluetooth Technology?**

Decora Digital Controls with Bluetooth Technology offer all the benefits of advanced full-featured digital dimmers, switches and timers. These devices can be wirelessly controlled and programmed using a smartphone or tablet within a 30-foot range of the device via Bluetooth technology. Simply pair the device with the Leviton Decora Digital Dimmer & Timer App to program events, turn lights on and off, dim and brighten lights and set advanced features such as the sleep timer.

- **Do all Decora Digital Controls have Bluetooth Technology?**

DDMX1, DDS15 and DDL06-BL, DDE06, DD710 and DDF01 are all Bluetooth enabled devices with timer capabilities.

DD00R-DL, DD0SR-DL, and DD0SR-1 are switching/dimming remotes that can be used to control Decora Digital devices from another location. For example, the Decora Digital device with Bluetooth Technology may be located at one end of a hallway and the remote device located at the other end. The remote devices themselves are not Bluetooth enabled.

The DDL06-1L is a digital dimmer without the advanced Bluetooth control.

- **How is the DDL06-1L different from the DDL06-BL?**

The main difference between these products is the integration of Bluetooth technology in the DDL06-BL. This allows you to program the device through a smartphone or tablet, whereas you would have to do so manually with the DDL06-1L. Additionally, the DDL06-BL has many additional features that are only accessible through the Leviton Decora Digital Dimmer & Timer App.

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- **What features are available through the Decora Digital Dimmer & Timer App?**  
For all Bluetooth enabled devices:
  - ON/OFF and Dim/Bright control
  - Event based timer allows you to program your light (or applicable load) to turn OFF or ON (at any specified level), whenever you need it to. Event programming can be set for specific times, sunrise or sunset, and to occur during all or any combination of days of the week
  - The astronomical clock automatically adjusts the local sunrise and sunset times to your location. There is also an automatic adjustment for Daylight Saving Time
  - Sleep timer to program lights (or fan) to switch off after a pre-selected length of time
  - Full range dimming with adjustable fade rates on all dimmers
  - Minimum dim level adjustment to improve LED performance
- **What is the wireless range of the Bluetooth enabled devices?**  
Decora Digital Controls with Bluetooth Technology provide local control within a 30-foot range without the need of a hub, gateway or internet connection. Performance may vary depending on specific conditions of installation, configuration of walls, obstacles, your phone and other factors.
- **Can I control a device away from my home?**  
No, wireless control is intended for in-home use only, allowing for installers and users to quickly and easily program the device. All Decora Digital products have a maximum control range of 30 feet.

## Decora Digital Dimmer & Timer App

- **I'm having trouble pairing and/or connecting with my phone; what can I do to correct this?**  
If you are having trouble, we recommend contacting our technical support team at 1-800-824-3005 for further assistance.  
  
Below are some steps that you can take to help resolve your issue:
  - Ensure your phone is on the compatibility list above, and is updated to the latest OS
  - Ensure the Bluetooth is Enabled on your mobile device
  - Close and re-open App
  - Unpair and re-pair to your Decora Digital Device
    - **Ensure your device is in pairing mode when connecting**
  - Restart mobile device
  - Cycle power to device (pull out the air-gap switch) for 10 seconds
- **How many Decora Digital devices can be paired to the Decora Digital Dimmer & Timer app?**  
There is no limit to the number of devices that can be paired with the app.
- **How many users can pair with each Decora Digital device**  
There is no limit to the number of users that can be paired with each device.
- **Is there a charge to download the Decora Digital Dimmer & Timer App?**  
There is no charge; the free app can be downloaded through Apple iTunes and Goggle Play.

### Leviton Manufacturing Co., Inc.

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## Decora Digital™ Controls with Bluetooth® Technology

- ***Are a username and password required to use the app?***  
No, but you have the option to register to receive important Leviton product notifications.
- ***Can other family members access my Decora Digital devices?***  
Yes. Anyone with a compatible Bluetooth connected smartphone or tablet can download the Decora Digital Dimmer & Timer App and pair it with an installed Decora Digital Device with Bluetooth Technology.
- ***What is the Authentication Code Reset?***  
In order to provide an additional layer of protection to our users, we require each user to put the device into pairing mode when adding additional mobile devices. This “authenticates” your mobile device. Resetting the Authentication Code will require each user to re-pair to the device, in case there is ever a need to remove a user who was given access.
- ***Am I required to enable ‘Location Services’ through the app?***  
Location Services allows users to take advantage of the automatic Sunrise/Sunset feature, which adjusts programming settings based on your time zone. Without Location Services enabled, users will not be able to access the Sunrise/Sunset feature.
- ***How does the Sunrise/Sunset feature work?***  
Based on the location indicated by your smartphone, the app provides the Decora Digital device with accurate local sunrise/sunset times. You must enable ‘Location Services’ on your smart device for this feature to work.
- ***How does the Random feature work?***  
The random feature is designed to give your home a “lived-in” look while you are away. When initiated, scheduled lighting events will occur anywhere from 1-40 minutes before the regularly scheduled time. This ensures that lights are not turning ON and OFF at exactly the same time each day.
- ***How many On and Off events can be programmed on each Decora Digital device?***  
Users can program up to 80 individual ON and OFF events on each device.