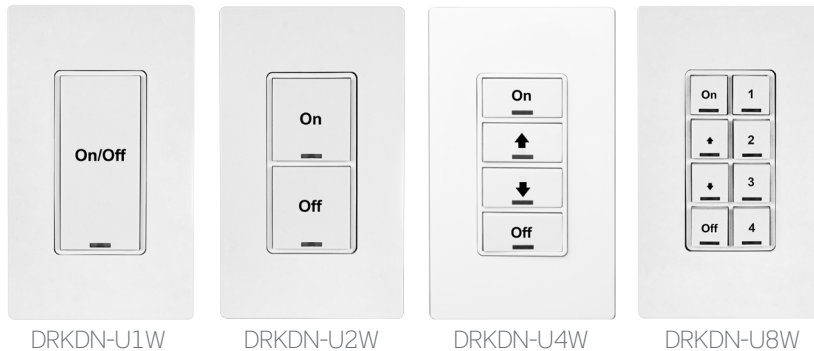


GreenMAX[®] DRC Wireless Keypad Room Controller

Use with GreenMAX DRC Wireless System



Description

The GreenMAX[®] DRC Wireless Keypad Room Controllers are used as the brain of a system when Leviton Intellect[™] or Lumina[™] RF devices are intended to be used with a GreenMAX DRC Wireless networked control system. The Room Controllers combine both familiar push button control and energy management business logic with no extra wires. The GreenMAX DRC Room Controllers manage a room by coordinating activities of all devices within the space.

GreenMAX DRC Wireless Keypad Room Controllers feature antimicrobial treated plastic to help keep its surfaces cleaner and prevent microorganisms from degrading the product. This product contains an antimicrobial agent to inhibit the growth of mold, mildew, fungus and odor-causing bacteria that cause discoloration, staining, deterioration or corrosion on the surface of the device in between normal cleanings.

The GreenMAX DRC Room Control System offers a fully distributed room control system, with each room operating independently of others; no dependence on network processors or centralized controllers.

This revolutionary system is fully configurable via the GreenMAX DRC App for smart devices, and can be used to comply with IECC, ASHRAE 90.1, and 2022 Title 24, Part 6 occupancy/vacancy sensing, multi-level lighting, daylight harvesting, partial-ON, partial-OFF, exterior lighting, and receptacle control requirements, and is listed on the DesignLights Consortium[®] (DLC) Qualified Product List (QPL).

Smartphone Wireless App

Wirelessly commission, configure, control, monitor and provision the GreenMAX DRC system using the GreenMAX DRC App and an Android or iOS smart device.

Leviton Manufacturing Co., Inc. Lighting & Controls

10385 SW Avery Street, Tualatin, OR 97062 **tel** 800-736-6682 **tech line** (6:00AM-4:00PM PT Mon-Fri) 800-959-6004

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Applications

- Room controller for GreenMAX DRC systems
- Intellect System Control
- Wireless Devices

Scheduler Features

Allows end users to create and add events and schedules to fit the lighting control needs of the space. Connect to any Room Controller in a space using an Android or iOS smart device and the GreenMAX DRC App. Add schedules and events to turn lights ON and OFF, dim lights, and enable and disable scenes.

- Schedules run on each Room Controller
- Each room controller can store up to (16) different schedules
- Each schedule can contain (32) events—an event contains the time an event will occur:
 - Specifies how the lights will change
 - Determines any behavior changes for the room

Features

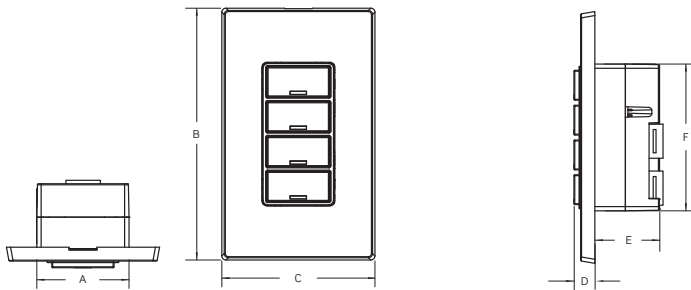
- Wireless interface for configuration, control and status monitoring
- Two operating modes: access point for standalone operation, and Wi-Fi client for connecting to building network
- Use any Android or iOS for configuration using the GreenMAX DRC App at Leviton.com/apps
- Listed on the DesignLights Consortium[®] (DLC) Qualified Product List (QPL)
- Models include 1-, 2-, 4-, and 8-button configurations
- Wireless mesh network for connection to GreenMAX DRC, Intellect, and Leviton wireless devices
- Antimicrobial treated plastic helps keep the device clean
- Acting as a room controller, these devices implement energy management business logic for the controlled space
- Non-volatile memory allow Scheduler to work through power outages
- Status LED for each button



Features, cont'd

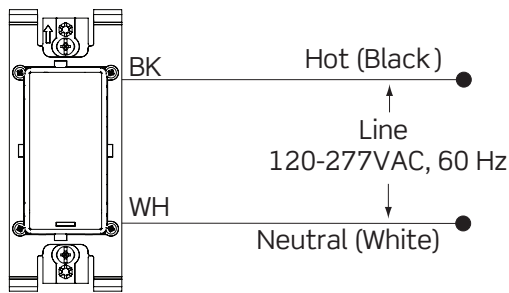
- Custom engraved labeling available on switch buttons and screwless wall plates
 - 1, 2, 4 button: up to 8 characters per two lines of text
 - 8 button: up to 4 characters per one line of text
- Available in White with Color Change Kits available for Ivory, Light Almond, Gray, Black, and Red
- Mounts in a standard depth wall box. All switches can be installed in a multi-gang application. The multi-gang wallplate is sold separately.
- Can be used to comply with IECC, ASHRAE 90.1 and 2022 Title 24, Part 6 occupancy/vacancy sensing, 0-10V dimming, daylight harvesting, partial- ON, partial-OFF, scheduling, demand response, and receptacle control requirements

Dimensions



	1,2,4,8 Button Switches
A	1.65" (42.06mm)
B	4.60" (117.07mm)
C	2.75" (69.85mm)
D	0.37" (9.55mm)
E	1.16" (29.51mm)
F	2.68" (68.25mm)




















Wiring Diagram



Specifications

Electrical	
Input Power	120-277VAC, 50/60HZ, 30mA
Connectivity	
Intellect/Wireless	2.4 GHz wireless mesh network Up to 75' between Intellect and Wireless devices, mesh network—all devices are repeaters
Wi-Fi	Wi-Fi for local configuration or connection to building network
Environmental	
Ambient Temperature Range	32° to 122°F (0° to 50°C)
Ambient Humidity	0-90% non-condensing
Other	
Listings	Listed on the DesignLights Consortium® (DLC) Qualified Product List (QPL)
Energy Codes	Can be used to comply with IECC, ASHRAE 90.1, and 2022 Title 24, Part 6 occupancy/vacancy sensing, multi-level lighting, daylight harvesting, partial-ON, partial-OFF, scheduling, exterior lighting, demand response, and receptacle control requirements
Warranty	5-year warranty

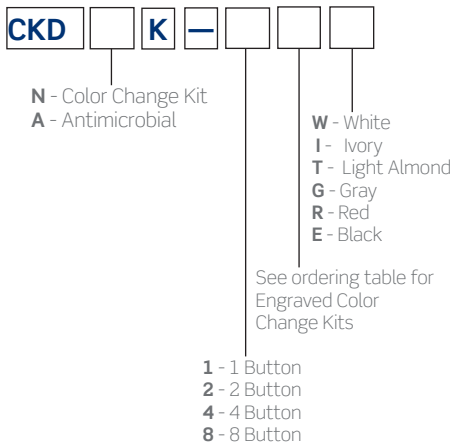
Compatible Devices

Wireless Devices		
Wireless Keypad Room Controllers		DRKDN-U1W DRKDN-U2W DRKDN-U4W DRKDN-U1W GreenMAX DRC Wireless Keypad Room Controllers
Load Control Devices		LU20S-DNW Wireless 20A ON/OFF Switching Power Pack
		LU107-DNW Wireless 10A 0-10V Dimming Power Pack
		LU04P-1NW Wireless 800W Phase Cut Dimming Power Pack
		ZS10S-D0Z Wireless ON/OFF Decora® Wall Switch
		ZS057-D0Z ZS057-30Z ZS057-ALZ Wireless 0-10V Decora® Wall Dimmer
		ZSTLR-1HW Zigbee Controlled Receptacle
Sensors		ZC015-BIW Wireless PIR Occupancy Sensor & Photocell
Configurator Tool		GreenMAX DRC App Download via Leviton.com/apps, Google Play Store or Apple App Store
Intellect™ Enabled Fixtures		
VISCOR		ALRM Intellect-enabled LED ALLURA Linear Pendant Type M
		ALRA Intellect-enabled LED ALLURA Linear Pendant Type A
		ALRB Intellect-enabled LED ALLURA Linear Pendant Type B
		LRTH Intellect-enabled LED Troffer Dish Lensed
		LCOMN SQ Intellect-enabled LED Commercial Type N Square
ConTech Lighting		R4NCIE Intellect-enabled 4" Integrated LED Universal New Construction Downlight
		R4SQNCIE Intellect-enabled 4" Square Integrated LED Universal New Construction Downlight
		R6NCIE Intellect-enabled 6" LED Recessed Downlight; Universal New Construction Downlight
Birchwood Lighting		JAKE-LED Intellect-enabled Recessed Linear Luminaire
Intense Lighting		SS4G4DR Intellect-enabled 4" LED Round Downlight

Ordering Information

GreenMAX DRC Wireless Keypad Room Controllers	
Cat. No.*	Description
DRKDN-U1W	GreenMAX DRC Wireless Keypad Room Controller, 1-Button
DRKDN-U2W	GreenMAX DRC Wireless Keypad Room Controller, 2-Button
DRKDN-U4W	GreenMAX DRC Wireless Keypad Room Controller, 4-Button
DRKDN-U8W	GreenMAX DRC Wireless Keypad Room Controller, 8-Button

GreenMAX DRC Color Change Kits Ordering Key

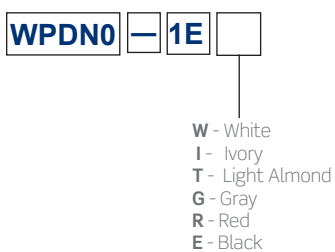


GreenMAX DRC Engraved Color Change Kits Table

0	Color Change Kit
E	Custom Engraving
1	1-& 2-Button - Engraved On/Off
	4-Button - Engraved On, [Up Arrow], [Down Arrow], Off
	8-Button - Engraved On, 1, [Up Arrow], 2, [Down Arrow], 3, Off, 4
2	2-Button - Engraved 1,2
	4-Button - Engraved 1,2,3,4
	8-Button - Engraved On1, On2, [Up Arrow], [Up Arrow], [Down Arrow], [Down Arrow], Off1, Off2
3	2-Button - Engraved On [Up Arrow], Off [Down Arrow]
	4-Button - Engraved On, Off, 1, 2
4	4-Button - Engraved On1, Off1, On2, Off2

Wallplate purchased separately, recommended Leviton Cat. No. 80301 screwless wallplates
Antimicrobial Treated Wallplates sold separately

Ordering Key - Wallplate Custom Engraving



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Visit our Website at: www.leviton.com/greenmaxdrc

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