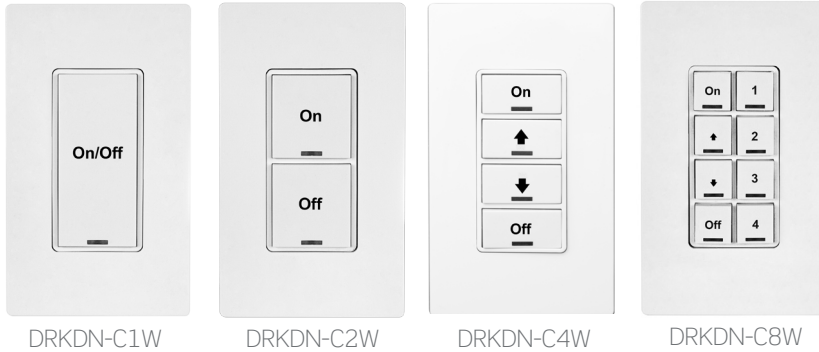


# GreenMAX® DRC Digital Keypads



## Description

Leviton GreenMAX® DRC Digital Keypads are specifically designed for use with GreenMAX DRC systems, and utilize LumaCAN protocols for unparalleled programming flexibility. All communication and control functions can be performed from any GreenMAX DRC Digital Keypad location. The Keypads offer out-of-the-box code compliant auto configuration with no commissioning required and also support auto-configuration when used with a GreenMAX DRC Room Controller. For additional features and control, the GreenMAX DRC App for Android and iPhone. Available in 1-, 2-, 4-, and 8-button configurations, these keypads connect using RJ45 connectors and CAT6 cabling.

Leviton Antimicrobial Color Change Kits (CKDAK) 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.

## System Description

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, scheduling, exterior lighting, demand response and receptacle control requirements.

## GreenMAX DRC App

Wirelessly commission, configure, control, monitor and provision the GreenMAX DRC system using the GreenMAX DRC App designed for any WiFi-enabled Android or iOS smart device.

## Use With These Leviton Systems

- GreenMAX DRC
- Sapphire™ Touchscreen

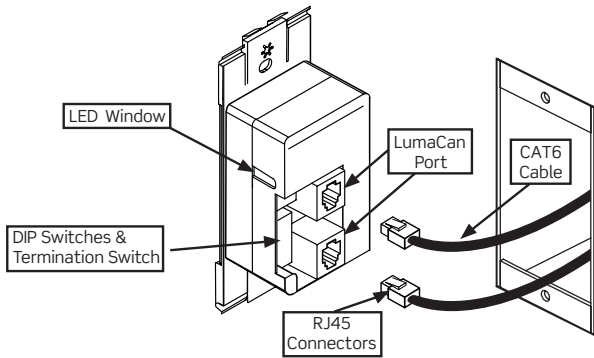
## Applications

- Permanently installed keypad user interface to the GreenMAX DRC system
- Use with Sapphire™ as digital Keypad recalling scenes
- Multi-location control

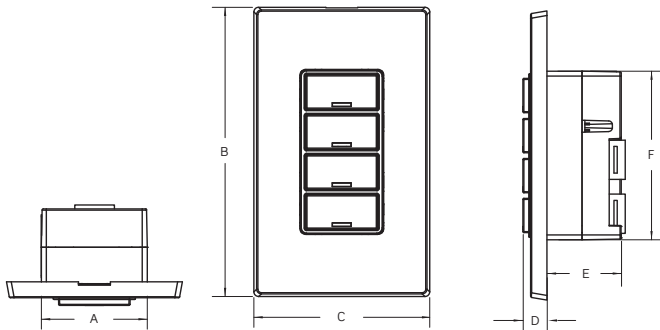
## Features

- Models include 1-, 2-, 4-, and 8-button configurations
- RJ45 connectors to provide IN and OUT connections to the LumaCAN network
- Supports auto-configuration when used with a GreenMAX DRC Room Controller
- Supports Auto Addressing
  - Allows nodes on the LumaCAN network to automatically be assigned an address, eliminating the need for manual addressing
  - All of the network nodes have a unique address
  - All components must be GreenMAX DRC System components at software release 1.74 or higher
  - All components must be connected to the LumaCAN network
- Can be used to comply with IECC, ASHRAE 90.1, and 2022 Title 24, Part 6 occupancy/vacancy sensing, multi-zone dimming, daylight harvesting, partial-ON, partial-OFF, scheduling, demand response and receptacle control requirements
- Custom engraving 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
- Each button can be individually programmed for ON, OFF, ON/OFF, dimmed raise/lower, scene ON level, group raise/lower, and other customizable scenes and settings via the GreenMAX DRC app
- Status LED for each button
- Mounts in a standard depth wall box. All switches can be installed in a multi-gang application. The multi-gang wallplate is sold separately
- Available in White with Color Change Kit available for Ivory, Light Almond, Gray, Black and Red
- Powered by the LumaCAN network

## Wiring Diagram—Rear View

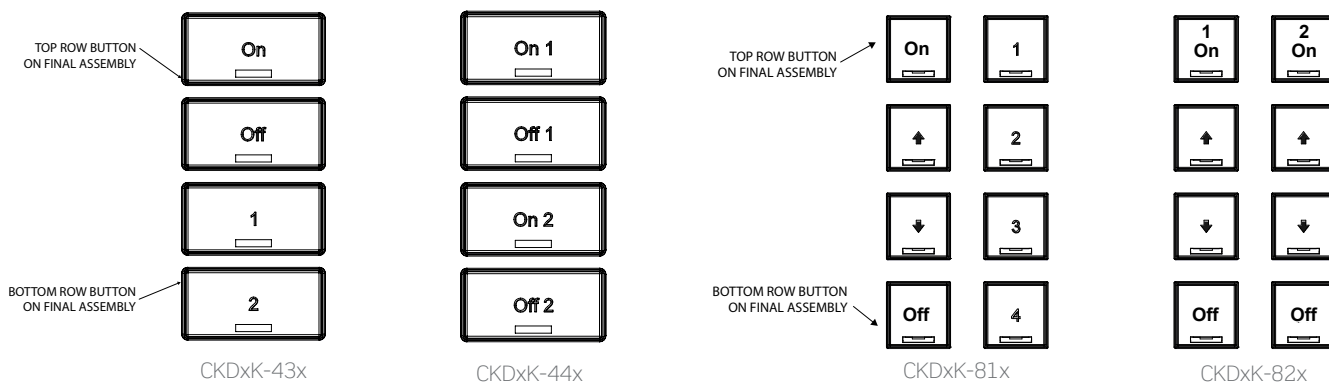
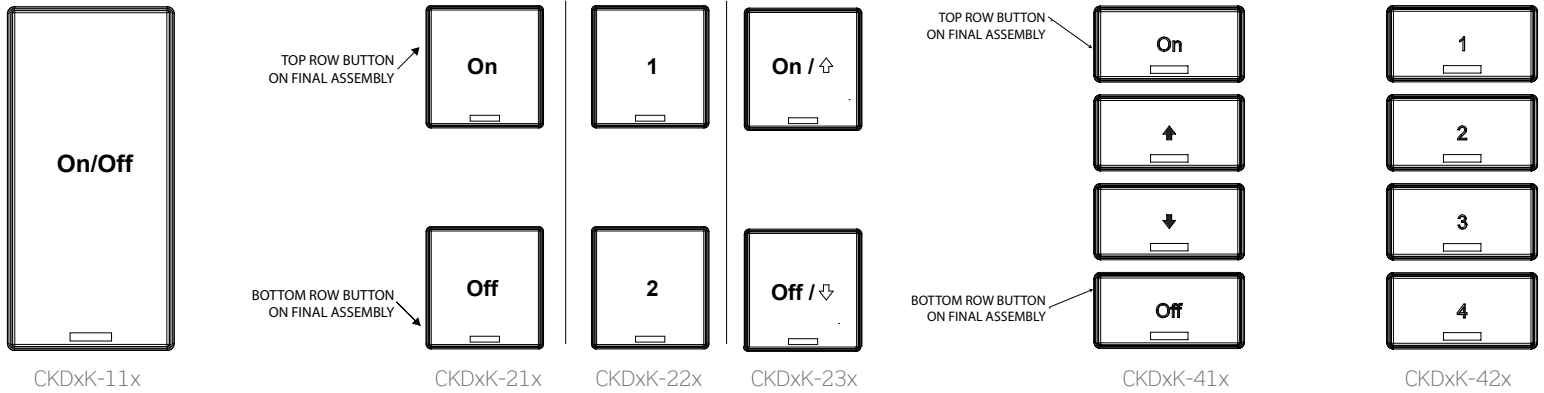


## Dimensions Diagram



|   | 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)         |

## Pre-Engraved Keypad Options



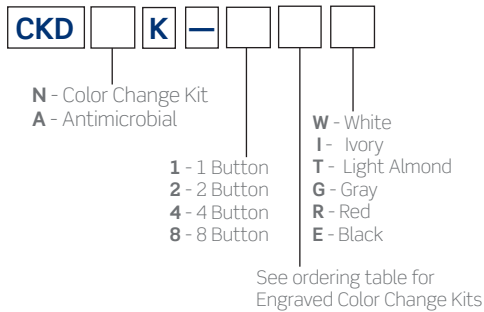
## Specifications

| Electrical                |   |
|---------------------------|---|
| Input Power               | +12-24VDC (LumaCAN integral)  |
| Consumption               | 50-25mA   |
| Connectors                | RJ45  |
| Control Output            | Class 2   |
| Cables                    | CAT6  |
| Connectivity              |   |
| Network Connections       | (2) RJ45, CAT6 or better for connection to LumaCAN network. Termination provided via local termination switch   |
| Network Topology          | Daisy chain, 1600' max between repeaters<br>Home-run topology and network length up to 10,000' can be achieved when using LumaCAN network repeaters (NPRPT)<br>Maximum 110 nodes between repeaters<br>Maximum 250 nodes on a LumaCAN network              |
| Environmental             |   |
| Ambient Temperature Range | 32° to 131°F (0° to 55°C)   |
| Ambient Humidity          | 0-90% non-condensing  |
| IR Rating                 | IP30  |
| Other                     |   |
| 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 |
| Listings                  | UL, cUL (File # E148771), FCC Class B certification   |
| Warranty                  | 5-year  |

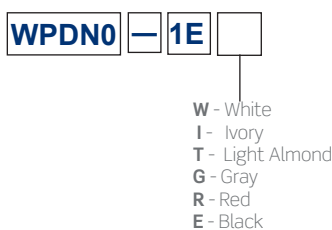
## Ordering Information

| GreenMAX DRC Digital Keypads |  |
|------------------------------|--|
| Cat. No.*                    | Description                                    |
| DRKDN-C1W                    | GreenMAX DRC Digital Keypad, 1-Button, LumaCAN |
| DRKDN-C2W                    | GreenMAX DRC Digital Keypad, 2-Button, LumaCAN |
| DRKDN-C4W                    | GreenMAX DRC Digital Keypad, 4-Button, LumaCAN |
| DRKDN-C8W                    | GreenMAX DRC Digital Keypad, 8-Button, LumaCAN |

## Antimicrobial & Color Change Kits Ordering Key



## Ordering Key - Wallplate Custom Engraving



## Engraved Color Change Kits Table

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

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

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**Visit our Website at: [www.leviton.com/greenmaxdrc](http://www.leviton.com/greenmaxdrc)**

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