# KTSL-DMXC1-1-WC
## SMARTLOOP WIRELESS DMX CONTROLLER

## DESCRIPTION
Bluetooth mesh wireless DMX controller for SmartLoop system

## APPLICATION
Architectural Lighting, Landscape Lighting, Sign Lighting, Billboards

## PRODUCT FEATURES

- Low Profile Wireless DMX Controller optimized for use with Various Keystone DMX controllable RGBW fixture solutions. Controlled via Keystone Smartloop platform. DMX 512 Output though proprietary waterproof connector
- Can control multiple fixtures up to rated max fixture loading of 6 Amps.
- Programmable Scenes and Sequences
- Slim housing designed for easy outdoor mounting

- Suitable for indoor or outdoor use
- Compatible with any lighting devices using DMX 512 communication protocol with 4 channel design (Connector adapter may be required)
- Commissioned via SmartLoop mobile app for iPhone and Android
- Controlled via SmartLoop mobile app, keypad, and sensors
- Utilizes Bluetooth mesh technology for reliable and secure wireless communication

## DMX CHANNEL OUTPUTS

| Channel 1 | Red |
|-----------|-------|
| Channel 2 | Green |
| Channel 3 | Blue |
| Channel 4 | White |

## ELECTRICAL SPECIFICATIONS

| Input Power | 120VAC, 50-60Hz |
|-------------|-----------------|
| Standby Power | .5W |
| Max Pass Through Current | 6 Amps (720W @120V) |
| RF Transmit Power | 8dBm |
| Turn-on Delay Time | < 0.5s |
| Wireless Frequency | 2.4GHz |
| Wireless Range (Open Air) | 100ft |
| Wireless Protocol | Bluetooth 4.2 |

## FUNCTIONALITY

Keystone Smartloop DMX controllers allow 4 channel RGBW lighting devices connected to the controller to be controlled wirelessly via Smartloop control platform. Features include ability to set desired color and intensity settings and easily group devices together. Additionally the system allows for easy creation of custom scenes and sequences, allowing the lighting devices to operated on a continuous playback loop featuring various user defined colors and intensities with adjustable hold and fade times.

Devices are commissioning and de-commissioned just like standard smartloop lighting controllers through the mobile app. See Smartloop user manual for full details. Additionally controllers feature a hard magnetic reset (hold strong magnet over the "magnetic reset" logo for 5 seconds to restore the controller to factory settings.

## ENVIRONMENTAL SPECIFICATIONS

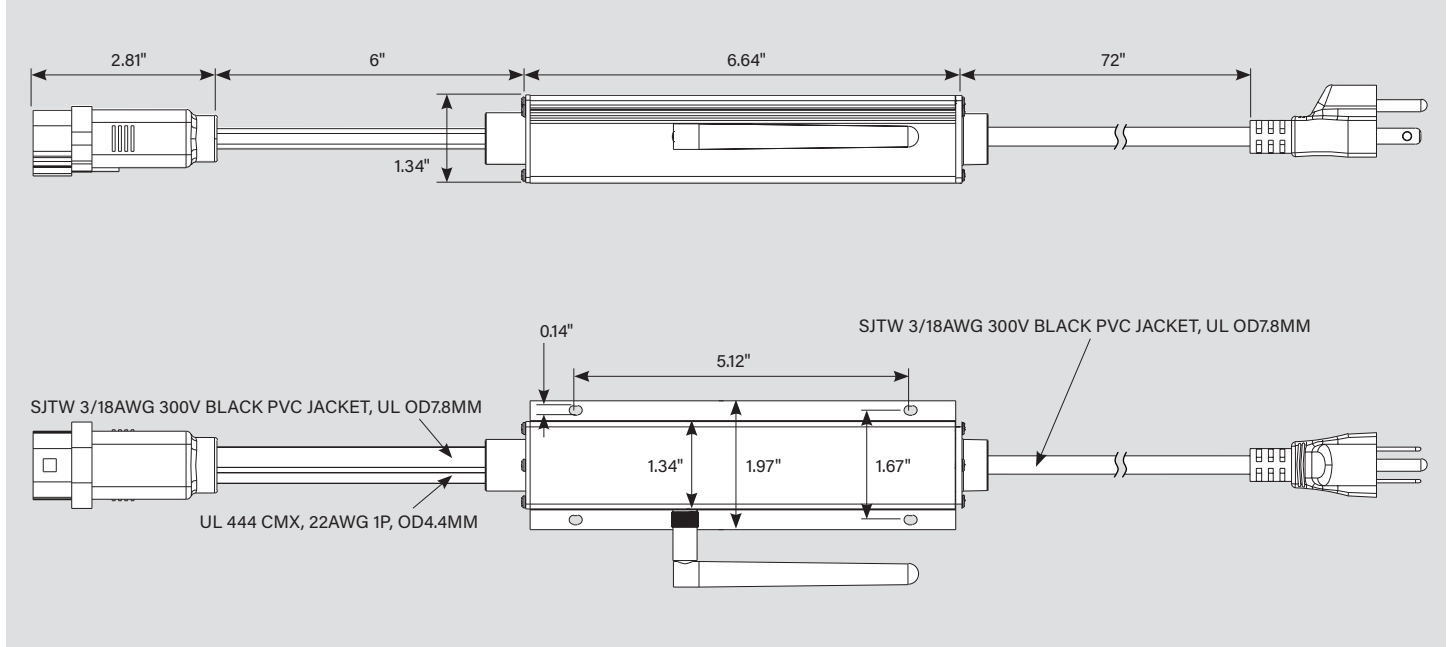| Operating Temperature | -30˚C/-22˚F to 60˚C/140˚F |
|-----------------------|----------------------------|
| Storage Temperature | -30˚C/-22˚F to 85˚C/185˚F |
| Humidity | 0-100% |
| Lifetime Rating | 50,000 hours |
| Moisture and Dust Rating | IP65 |

## SAFETY AND EMC COMPLIANCE

| UL/cUL | UL8750 |
|--------|--------|
| FCC | 47 CFR Part 15 KDB447498 D01 General RF Exposure Guidance v06 |

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## PHYSICAL SPECIFICATIONS



2.81"  6"  6.64"  72"

1.34"

0.14"

5.12"

SJTW 3/18AWG 300V BLACK PVC JACKET, UL OD7.8MM

SJTW 3/18AWG 300V BLACK PVC JACKET, UL OD7.8MM

1.34"   1.97"   1.67"

UL 444 CMX, 22AWG 1P, OD4.4MM

## WIRING DIAGRAM

**For use with various Keystone DMX controllable RGBW fixture solutions**



AC Power
Cable (UL)
SJTW
18AWG
L  N  ⏚

**Connect**

**OR**

***Note:*** *Connected lighting device/fixture*
*needs to have proper mating connector*
*or use suitable wiring adapter accessory*
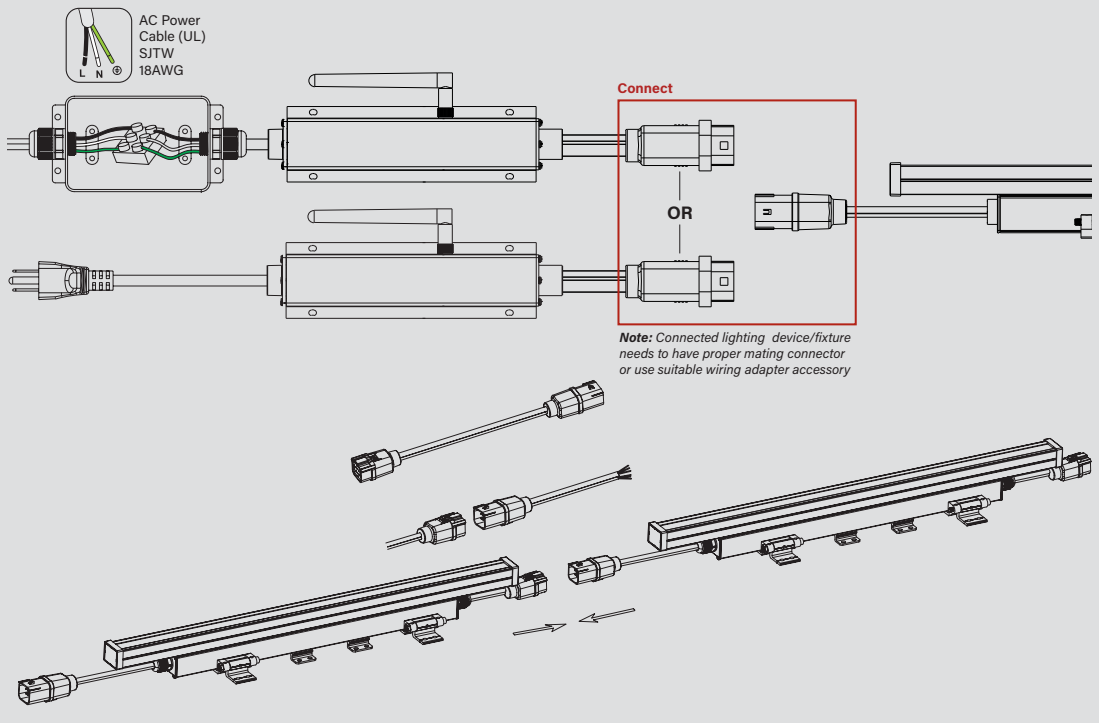
| INPUT | |
|-------|---|
| Black | Input Hot |
| White | Neutral |
| Green | Ground |

| OUTPUT | |
|--------|---|
| Black | Ouput Hot |
| White | Neutral |
| Green | Ground |
| Orange | D+(A) |
| Orange/White | D-(B) |
| Black | Signal Common |

## KTSL-DMXC1-1-WC
### SMARTLOOP WIRELESS DMX CONTROLLER

## ORDERING INFORMATION

| ORDER CODE | PACK QTY. | UPC | EASY CODE |
|---|---|---|---|
| KTSL-DMXC1-1-WC | 1 | 843654152448 | XUX-65 |

## CATALOG NUMBER BREAKDOWN

# KTSL-DMXC1-1-WC

**1**    **2**   **3**   **4**   **5**

**1  Keystone Technologies SmartLoop**
**2  DMX**
**3  Case Style 1**
**4  120V**
**5  Waterproof Connector**