



KTSL-DMXC3-LV-Z10

SMARTLOOP WIRELESS DMX CONTROLLER

DESCRIPTION

Bluetooth mesh wireless DMX controller for SmartLoop system

APPLICATION

Architectural Lighting, Landscape Lighting, Sign Lighting, Billboards



Bluetooth®



PRODUCT FEATURES

- Wireless DMX controller optimized for use with various Keystone DMX controllable RGBW fixture solutions.
- Programmable Scenes and Sequences
- Zhaga Z10 base for simple twist-on installation
- Suitable for indoor or outdoor use
- Compatible with most fixture types using the DMX512 communication protocol up to 5 channels
- Commissioned via SmartLoop mobile app for iPhone
- 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	Cool White
Channel 5	Warm White

FUNCTIONALITY

This SmartLoop DMX controller allows DMX devices, ranging from 1 to 5 channels, to be controlled wirelessly via the 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 be operated on a continuous playback loop featuring various user defined colors and intensities with adjustable hold and fade times.

ELECTRICAL SPECIFICATIONS

Input Power	12Vdc
Standby Power	<0.5W
RF Transmit Power	16.136dBm
Turn-on Delay Time	< 0.5s
Wireless Frequency	2.4GHz
Wireless Range (Open Air)	500ft
Wireless Protocol	Bluetooth 5.0

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 55°C/131°F
Storage Temperature	-30°C/-22°F to 85°C/185°F
Humidity	0-100%
Lifetime Rating	50,000 hours
Moisture and Dust Rating	IP66

SAFETY AND EMC COMPLIANCE

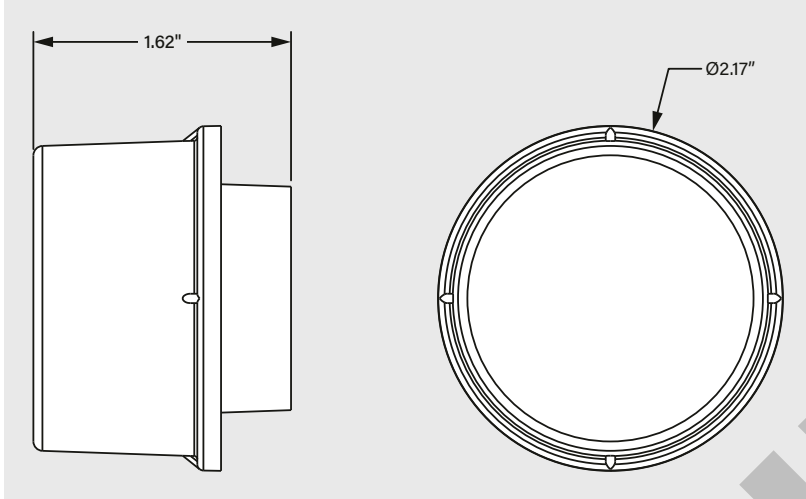
UL/cUL	UL8750
FCC	Part 15.247



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PHYSICAL SPECIFICATIONS



ORDERING INFORMATION

Order Code	Pack Qty.	UPC	Easy Code
KTSL-DMXC3-LV-Z10	1	TBD	TBD

CATALOG NUMBER BREAKDOWN

KTSL-DMXC3-LV-Z10

1 2 3 4 5

- 1 Keystone Technologies SmartLoop
- 2 DMX 512
- 3 Controller Style 3
- 4 Low Voltage
- 5 Zhaga Z10 Connection

FCC STATEMENT

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

RF EXPOSURE

This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.

SAVE THESE INSTRUCTIONS