DMX Touch Wall Controller
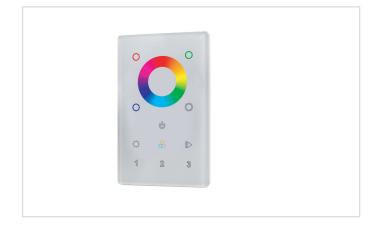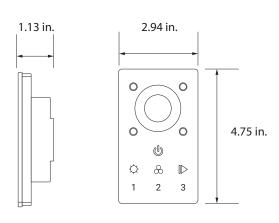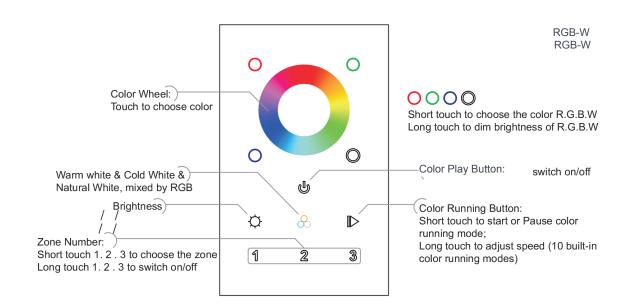
AL-60-03-0003

This DMX Touch Controller is used with the Wireless Receiver (AL-60-03-0004 - sold separately) to control the color mode, speed, and brightness of both Radialux® RGB and RGB-W tape lights. It features a touch-sensitive glass interface and the ability to create up to three separate zones of lighting, and it is easy to install into a standard wall outlet. This controller is powered by our Non-Dimmable Drivers.
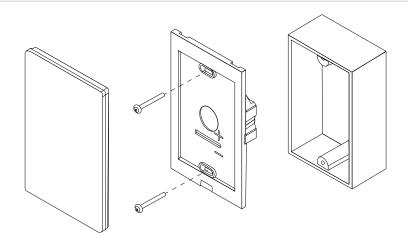
- Power Source: 12-24V DC Non-Dimmable Driver
- Zones: 3
- Signal: DMX512
- Location: Indoor, Dry (IP20)
- Max. receivers per remote control: 20

DIMENSIONS

1.13 in.

2.94 in.

4.75 in.

KEYPAD LAYOUT

RGB-W
RGB-W

Color Wheel:
Touch to choose color

Short touch to choose the color R.G.B.W
Long touch to dim brightness of R.G.B.W

Warm white & Cold White &
Natural White, mixed by RGB

Color Play Button: switch on/off

Brightness

Color Running Button:
Short touch to start or Pause color running mode;
Long touch to adjust speed (10 built-in color running modes)

Zone Number:
Short touch 1. 2 . 3 to choose the zone
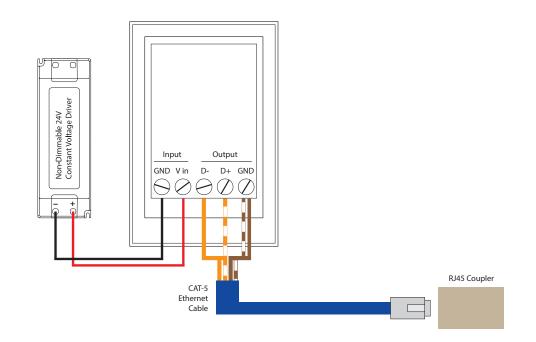Long touch 1. 2 . 3 to switch on/off
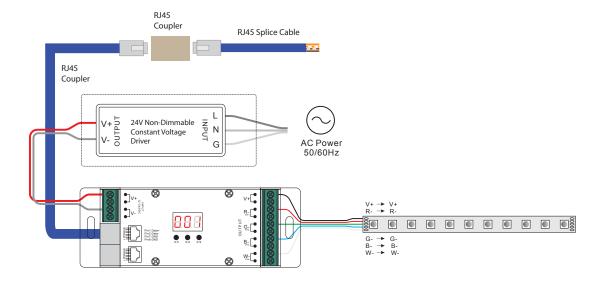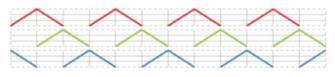
INSTALLATION

SAFETY & WARNINGS

- This product should be installed and serviced by a qualified technician
- Alloy LED strongly recommends installing these in-wall controllers in a PVC or plastic junction box if they are intended to be used wirelessly
- Do not expose this unit to water. When installed outdoors, ensure it is mounted in a waterproof enclosure
- Always mount this unit in an area with proper ventilation to avoid overheating
- Never connect any cables while power is on
- Before switching power on, ensure connections are correct to avoid short circuits
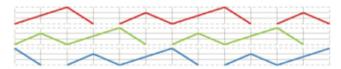
WIRING DIAGRAMS

Non-Dimmable 24V Constant Voltage Driver

Input

GND | V in

Output

D- | D+ | GND

CAT-5
Ethernet
Cable

RJ45 Coupler

RJ45
Coupler

RJ45 Splice Cable

RJ45
Coupler

V+
OUTPUT
V-

24V Non-Dimmable
Constant Voltage
Driver

L
N
G
INPUT

AC Power
50/60Hz

V+
V-

Pin1 Data+
Pin2 Data-
Pin7 GND
Pin8 GND

V+
R-
G-
B-
W-

OUTPUT

V+ → V+
R- → R-

G- → G-
B- → B-
W- → W-

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Specifications subject to change without notice.

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BUILT-IN COLOR-CHANGING MODES

Two color smooth fading

One color fade-in with sharp cutoff

Double two/three color fading

One color flash-in with fade-out

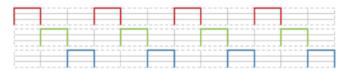Mixed three color short and long fading

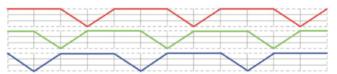One color flashing

Overlapping three color flashing

Three color fade-in/short hold/fade-out

One color smooth fading

Three color fade-in/long hold/fade-out

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