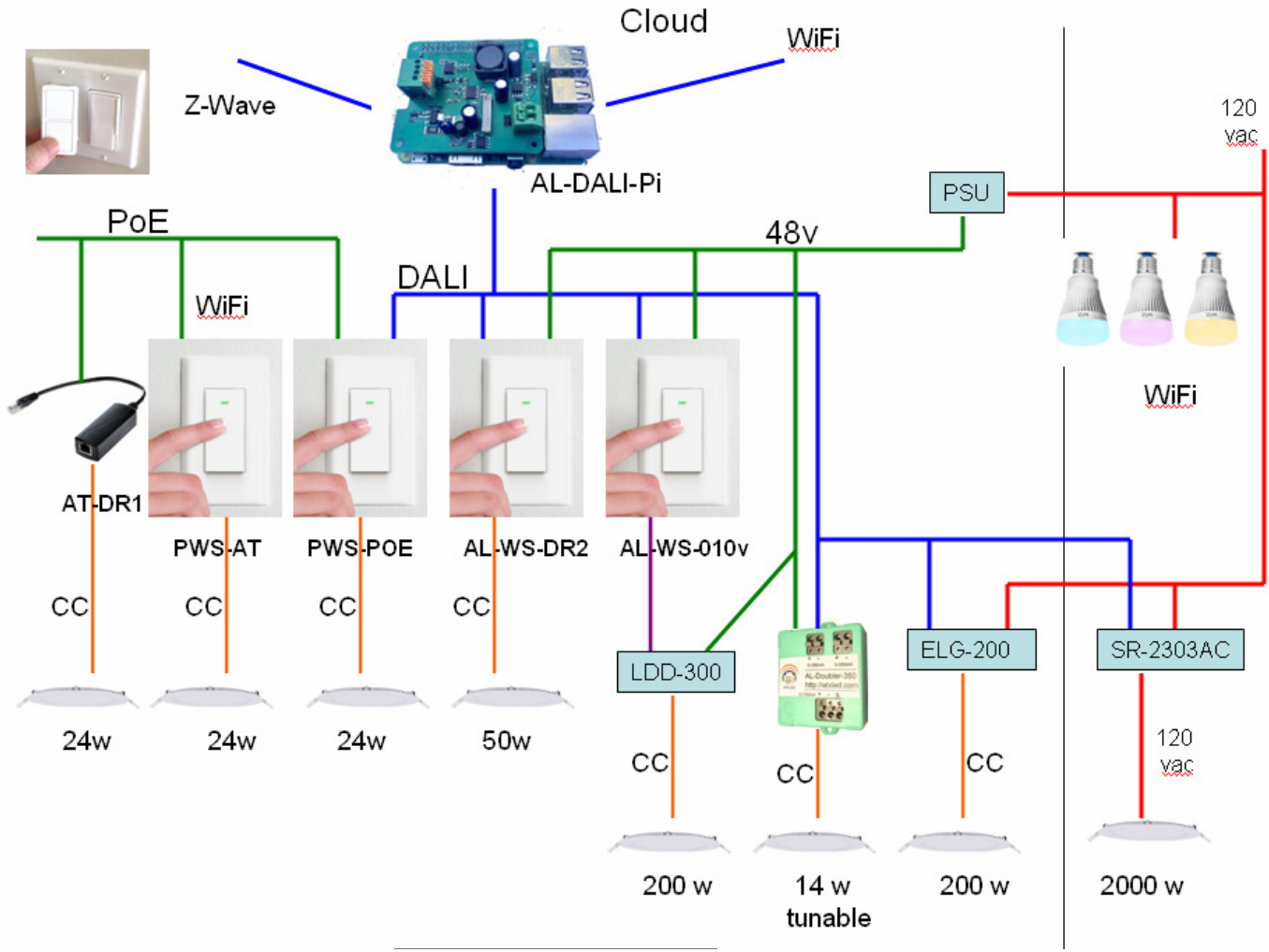




ATX LED Consultants Inc

Merged IoT and Power Solutions
LED Drivers Room quality sensors

DALI and PoE architecture



Austin Led Consultants
DALI and Led power over ethernet

AL-WS-DR1
Decorator style
PoE Constant Current LED
Dimmer / Driver
with integrated switch
56 watt 3-Way DALI

Product Description - AL-WS-DR1 wall switch

This switch operates like any standard residential light switch... however it takes 24-50v DC instead of 120VAC, and directly drives up to 20 LEDs. The Decorator style switch is a standard residential style routine fit into any home, looks like any switch but requires no neutral/ground for installation. The integrated controller is invisible.

For 3-way operation - a simple 3-way line with a 2-wire line with a 2-wire line. The switch is a simple 3-way switch with a 2-wire line. The switch is a simple 3-way switch with a 2-wire line. The switch is a simple 3-way switch with a 2-wire line.

For 2-way operation - a simple 2-wire line with a 2-wire line. The switch is a simple 2-way switch with a 2-wire line. The switch is a simple 2-way switch with a 2-wire line. The switch is a simple 2-way switch with a 2-wire line.

Power source and load
Spring loaded connection (2 pins)
300 mA low current, surge option for 200, 400 or 600 mA per channel

LED constant current output
Spring loaded connection (2 pins)
240 mA max, surge for 400mA

Input voltage range
24v-50vdc, surge for 120vdc

Dimming
DALI protocol (DALI 2.0)
DALI master/slave (DALI 2.0)
DALI master/slave (DALI 2.0)

DALI interface
DALI master/slave (DALI 2.0)
DALI master/slave (DALI 2.0)

LED output
DALI master/slave (DALI 2.0)
DALI master/slave (DALI 2.0)

Austin Led Consultants
DALI and Led power over ethernet

AL-WS-DR2 v2
Decorator style
Dual Constant Current LED
Dimmer / Driver
with integrated switch
56 watt 3-Way DALI

Product Description - AL-WS-DR2 wall switch

This switch operates like any standard residential light switch... however it takes 24-50v DC instead of 120VAC, and directly drives up to 20 LEDs. The Decorator style switch is a standard residential style routine fit into any home, looks like any switch but requires no neutral/ground for installation. The integrated controller is invisible.

For 3-way operation - a simple 3-way line with a 2-wire line with a 2-wire line. The switch is a simple 3-way switch with a 2-wire line. The switch is a simple 3-way switch with a 2-wire line. The switch is a simple 3-way switch with a 2-wire line.

For 2-way operation - a simple 2-wire line with a 2-wire line. The switch is a simple 2-way switch with a 2-wire line. The switch is a simple 2-way switch with a 2-wire line. The switch is a simple 2-way switch with a 2-wire line.

Power source and load
Spring loaded connection (2 pins)
300 mA low current, surge option for 200, 400 or 600 mA per channel

LED constant current output
Spring loaded connection (2 pins)
240 mA max, surge for 400mA

Input voltage range
24v-50vdc, surge for 120vdc

Dimming
DALI protocol (DALI 2.0)
DALI master/slave (DALI 2.0)
DALI master/slave (DALI 2.0)

DALI interface
DALI master/slave (DALI 2.0)
DALI master/slave (DALI 2.0)

LED output
DALI master/slave (DALI 2.0)
DALI master/slave (DALI 2.0)

Austin Led Consultants Inc
615-A Brazos #202
Austin TX 78701
512.377.6052
http://atx-led.com

ATX-LED

ATX LED Consultants Inc
Merged IoT and Power Solutions
LED Drivers Room quality sensors

AL-DALI-HAT
Raspberry Pi to DALI
Co-Processor

with
DALI power supply 16v
Raspberry Power 5v
PoE Input

Product Description - AL-DALI-HAT

This device interconnects a Raspberry Pi with a DALI bus. Using your own software or the AL-DALI-RPI application (not included) - you can now control up to 63 addressable light fixtures from a Raspberry Pi.

Included in the AL-DALI-HAT are the following key functions

- DALI hardware interface
- DALI power supply (16v, 65 mA) current limited
- 5V power supply for the Pi with 10 watts
- Real Time co-processor to offload the DALI bus hardware interface
- 24 to 56 volt input range
- Optional PoE input
- Serial port to the Raspberry Pi

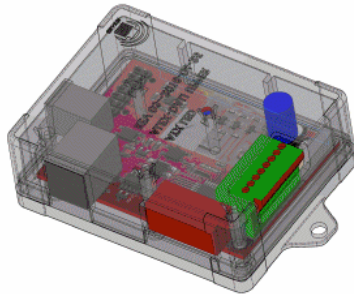


ATX LED Consultants Inc

Merged IoT and Power Solutions
LED Drivers Room quality sensors

Stage / Audience lighting system

DMX512 from console



Alexa/Google Cloud

AL-DMX-DALI
converter

64 DMX addresses

DALI – cat5 wire



AL-WS-010v

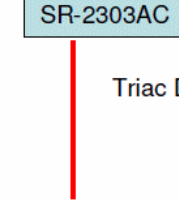
.....



AL-WS-010v



AL-WS-010v



120
vac

Triac Dimming

2000 w



DMX and led power over ethernet

AL-DMX-DALI
0-10V Dimmer
3-Way switch with DALI™

Product Description - AL-DMX-DALI

Converts DMX512 to DALI™
DMX input
DALI and 0-10v outputs



Merged IoT and Power Solutions
LED Drivers Room quality sensors

AL-DMX-DALI
Convert DMX to DALI™

Product Description - AL-DMX-DALI

Converts DMX512 to DALI™
DMX input
DALI and 0-10v outputs



Merged IoT and Power Solutions
LED Drivers Room quality sensors

AL-DMX-DALI
Convert DMX to DALI™

Product Description - AL-DMX-DALI

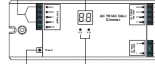
Converts DMX512 to DALI™
DMX input
DALI and 0-10v outputs

2 Channels AC TRIAC DALI Dimmer

FC CE RoHS

Important: Read All Instructions Prior to Installation

Function Introduction



Product Data

Model	Output Voltage	Output Current	Output Power	Structure
SR-2303AC	100-240VAC	3A/1200W	1200W	17-100mm

Features

• DALI and remote full isolation design

• DALI digital input

• DALI master control dimmer

• DALI master control dimmer

• DALI master control dimmer

• DALI master control dimmer

• DALI master control dimmer

• DALI master control dimmer

• DALI master control dimmer

• DALI master control dimmer

• DALI master control dimmer

• DALI master control dimmer

• DALI master control dimmer

• DALI master control dimmer

• DALI master control dimmer

• DALI master control dimmer

• DALI master control dimmer

• DALI master control dimmer

• DALI master control dimmer

• DALI master control dimmer

• DALI master control dimmer

• DALI master control dimmer

18-200A-0401

Note: DALI address can be manually assigned from 00-03 FF, by factory default, no DALI address is assigned for the driver, and the display shows FF. Setting DALI address as FF will reset the dimmer to factory default.

2. DALI Address Assigned by DALI Master.

3. DALI address can also be assigned by DALI Master controller automatically, please refer to user manual for specific operations.

Note: The digital display will show All when the DALI master is assigning addresses.

4. Set DALI Address Quantity.

5.1. Press and hold down both of the two buttons until numeric digital display flashes, then release the buttons.

5.2. Click the first button to select 'A1' or 'A2', which means 1 address or 2 addresses.

5.3. Then press and hold down any of the buttons until the numeric digital display stops flashing to confirm the setting.

For example, when you set address to 22, when you click 'A1', the numeric display will be the same address 22.

When you click 'A2', the numeric display will be the same address 22, channel 2 will be address 23, etc.

6. Reverse phase control dimmer

The factory dimming range is 0%~100%, but the 0% can be set on below.

Operate the DALI master to dim the light to any brightness you want, then press the Present button, the light dimming response time will be set on the digital display. You can set on lower than the brightness 0%.

Note: In manual mode, the minimum 1% brightness.

How to reset to factory default: dim up light to 100%, then press Present button until flash.

Wiring Diagram

(1) 2000W 120V LED light



Safety & Warnings

• DO NOT touch with power applied to the device.

• DO NOT remove the device to measure.

Operation

1. Set DALI Address Manually Via Buttons

1.1. Press and hold down any of the two buttons until numeric digital display flashes, then release the button.

1.2. Click any of the two buttons once to select 'A1' or 'A2' again to change the digital display the selected DALI address quantity. Click First button to set 'A1' position and second button to set 'A2' position. The address will be shown on display.

1.3. Then press and hold down any of the two buttons until the numeric digital display stops flashing to confirm the setting.

1.4. Then press and hold down any of the two buttons until the numeric digital display stops flashing to confirm the setting.

1.5. Then press and hold down any of the two buttons until the numeric digital display stops flashing to confirm the setting.

1.6. Then press and hold down any of the two buttons until the numeric digital display stops flashing to confirm the setting.

1.7. Then press and hold down any of the two buttons until the numeric digital display stops flashing to confirm the setting.

1.8. Then press and hold down any of the two buttons until the numeric digital display stops flashing to confirm the setting.

1.9. Then press and hold down any of the two buttons until the numeric digital display stops flashing to confirm the setting.

1.10. Then press and hold down any of the two buttons until the numeric digital display stops flashing to confirm the setting.

1.11. Then press and hold down any of the two buttons until the numeric digital display stops flashing to confirm the setting.

1.12. Then press and hold down any of the two buttons until the numeric digital display stops flashing to confirm the setting.

1.13. Then press and hold down any of the two buttons until the numeric digital display stops flashing to confirm the setting.

DMX512 info sent to address 11-26 will be sent via Group 0-15.

AL-DMX-DALI

page 1