

Low Voltage Dimming Wall Station

Simple Setup

Supports easy-to-change grouping, zones, scheduling, timers and scenes

Preset Dimming

4 button dimming set to 25, 50, 75 and 100% plus trim up/down and OFF

Low Voltage

10-35VDC or 10-25VAC powered at 20mA

Easy, Quick Networking with Wireless Dimming

Replaceable Button Faces

Replace button faces for custom created scenes or dimming levels

Fits Standard Decora

Screwless cover plate provided and fits standard Decora wall box and multi gang trim plates

PRODUCT OVERVIEW

Avi-on AC-powered wall stations are available for new construction and retrofit needs. All controls interface to lighting fixtures and with the Avi-on App, providing a platform that supports easy-to-change grouping, scheduling, timers and scenes.

Features

- Low Voltage 10-35VDC or 10-25VAC powered
- 4 buttons plus trim up/down and OFF
- Preset Dimming wall station percentages set to 25, 50, 75 and 100. Also configurable scene control if desired
- Continuously powered device helps form a full building wireless mesh network
- Replaceable button faces
- Fits standard Decora wall box and multi gang trim plates (only fits square mud rings not rounded or beveled)
- Screwless cover plate also provided

Common Specifications

- Indoor use only (spray resistant cover plate available for food service applications)
- Operating Temp: -22 to 158 °F (-30 to 70 °C)
- UL Listed

ORDERING INFORMATION

Part Number	Name	Description
AVI-B-2401LV-2	Dimming Wall Station (Low Voltage)	Avi-on Scene Controller LV with 25/50/75/100% dimming buttons

To order please contact Avi-on sales at **(877) AVION-US**, (877) 284-6687 or prosales@avi-on.com for information on becoming an Avi-on partner and order details.

Project		Location/Type	
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SPECIFICATIONS

LV Version

Electrical	Min	Max	Unit
Input Voltage	10	35	VDC
Input Voltage	10	25	VAC
Input Frequency (VAC)	47	63	Hz
Amperage	-	20	mA
Operating Temperature	-22 (-30)	158 (70)	°F (°C)
Storage Temperature	-22 (-30)	158 (70)	°F (°C)

Power Wires	Green	Red	White	Black
16 gauge	GND	Load	Neutral	Line

Case Dimensions (Excluding Wires)

Part	Length	Width	Height
Dimming Wall Station	4.69" (119mm)	2.95" (75mm)	1.57" (40mm)

Certifications

Regulatory	Description
USA	FCC ID: 2AFZI-AVIBG21 FCC Part 15, Subpart B (Class B) FCC Part 15.247
Canada	IC ID: 2AFZI-AVIBG21 ICES-003, Issue 7, Oct. 2020 RSS-GEN Issue 5, Feb. 2021 Amendment 2 RSS-247 Issue 2, Feb. 2017
BQB	DID: D063032 Qualified Design ID (QDID): 205509 178212 175341
UL	UL File E519564 UL 60730-1 ED. 5 XACN/XACN7 Touch Lighting Controls

WIRING DIAGRAMS

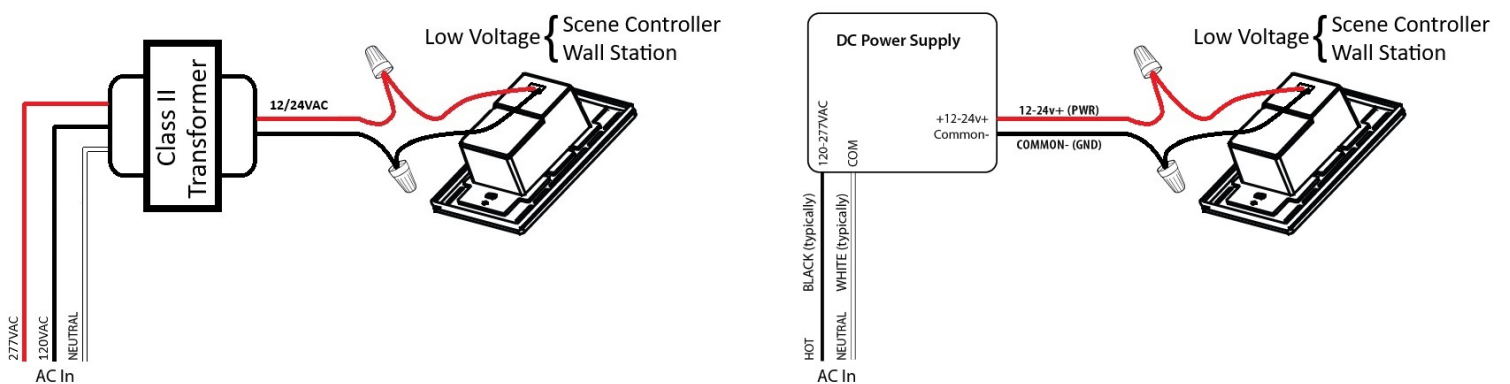


Figure 1. Wiring

DIMENSIONS

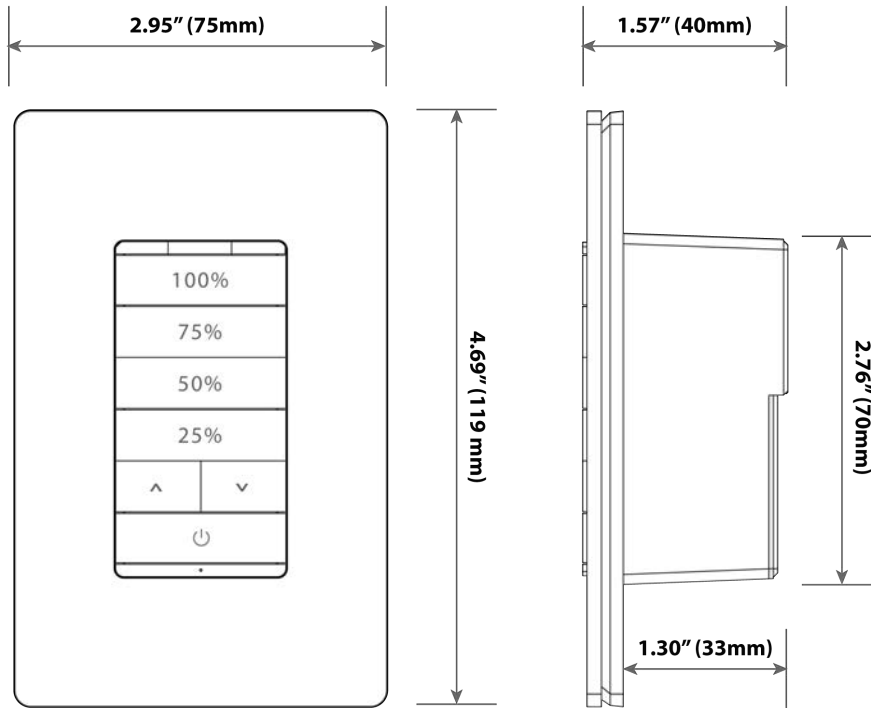


Figure 2. Wall Station Dimensions



Figure 3. Back

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