# AMBIENTECH

Specification Sheet

MADE IN ISRAEL

smart Air

ZeroX2-Tone

P/N: ZEROX2-NSW-yy

# Smart Dual Channel 0-10V Wall Switch for Tunable White & Dimming Control

Tunable White

Dimmable 0% - 100%

c UL us LISTED DIMMER E507432

ZeroX2-Tone is a dual slider wall switch with two 0-10V control channels for Tunable White and Dimming control. It is compatible with two channel LED Drivers and controllers, eliminating the need of two separated dimmers reducing cost and installation time. The ZeroX2-Tone offers an adjustable on field low-end trim as well as a adjustable Color Mixing Curves for optimal performance. With its complete solution approach, it delivers a familiar user experience and precise performance. The ZeroX2-Tone is UL approved under 1472 standard. With a built-in relay, it requires no additional safety devices.

## IT'S AS SIMPLE AS THAT.
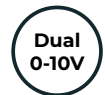
| **Dual 0-10V** | | | |
|---|---|---|---|
| Tunable White & Dimming | Up to 700W | Wallplate Included in the Package | Standard Installation |

## Features & Benefits

- Dual Channel 0-10V in One Switch for Tunable White and Dimming Control
- Eliminating the Need of two Separated Dimmers
- SmartAir- App / Voice Control
- Compatible with two Channel LED Drivers and Controllers
- Adjustable on-field Low and High End Trim for Optimal Dimming Performance
- Adjustable on-field Low and High End Trim for Optimal Color Mixing Performance
- UL Approved Under 1472 Standard
- Classic Design to Match Existing Style Switches
- Built-In Relay
- Fast Delivery – Shipping out of NY

P/N:  | ZeroX2NS | W | yy
Model | Color | *Smart

*For Smart Type " SA " if not leave blank
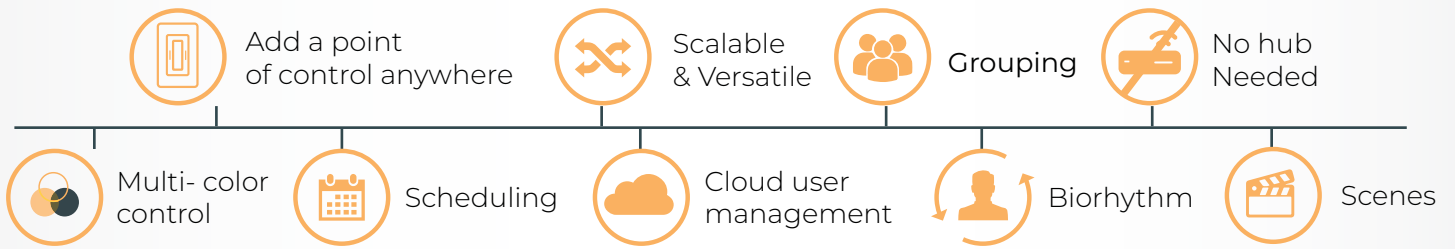
### Colors

| **W** White | **G** Grey | **O** Ivory |
|---|---|---|
| **B** Black | **C** Almond | **H** Hot |

# SYSTEM

## *FUNCTIONALITY*

- Add a point of control anywhere
- Scalable & Versatile
- Grouping
- No hub Needed
- Multi- color control
- Scheduling
- Cloud user management
- Biorhythm
- Scenes

# SMART HOME

## *INTEGRATION*



Works with
**Apple HomeKit**

works with the
Google Assistant

amazon alexa

**Download the SmartAir App**

# WIRING
## *OVERVIEW*



Ground — Green

Line / Hot — Black

120 V~
50/60 Hz

White

Neutral

**Wall Switch**
(In-Wall Dimmer)

0-10V Ch 1 (TW Control) +  -
0-10V Ch 2 (Intensity) +  -

Yellow
Brown
Purple
Grey

Red

**\* 2 Channel LED Driver / Controller**

**Tunable White LED's**
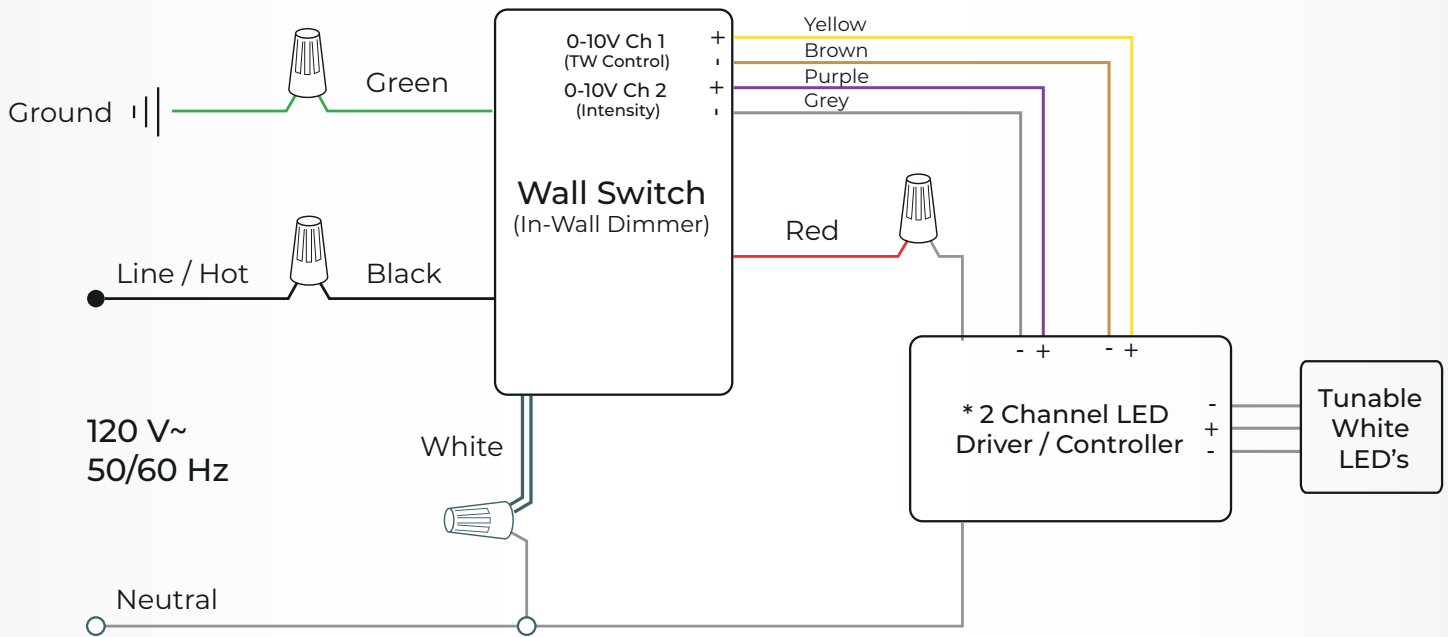
## Electrical Specifications

### Power & Ratings

| Input | 120VAC ~ 60Hz |
|---|---|
| Max Load | 700W |

### Compliance

| UL Listed | UL1472 / CSA C22.2 184.1 |
|---|---|
| FCC | Class B Part 15 |

# DIMMING

## CHARACTERISTICS

| Control Protocol | 0-10V |
|---|---|
| 0-10V Range | 0-11V |
| Control Channels | 2 |
| Control Type | Source / Sync |
| Dimming Curve | Yes |
| Color Mixing Curve | Yes |

## Low End Trim Adjustment

**Step 1**
Turn-On Switch

**Step 2**
Set to Minimum Light level
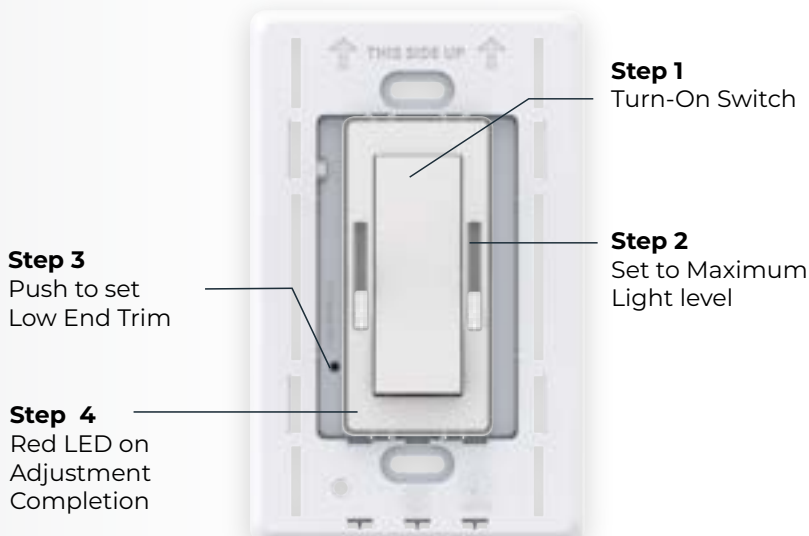
**Step 3**
Push to set
Low End Trim

**Step 4**
Red LED on
Adjustment
Completion
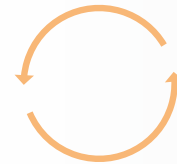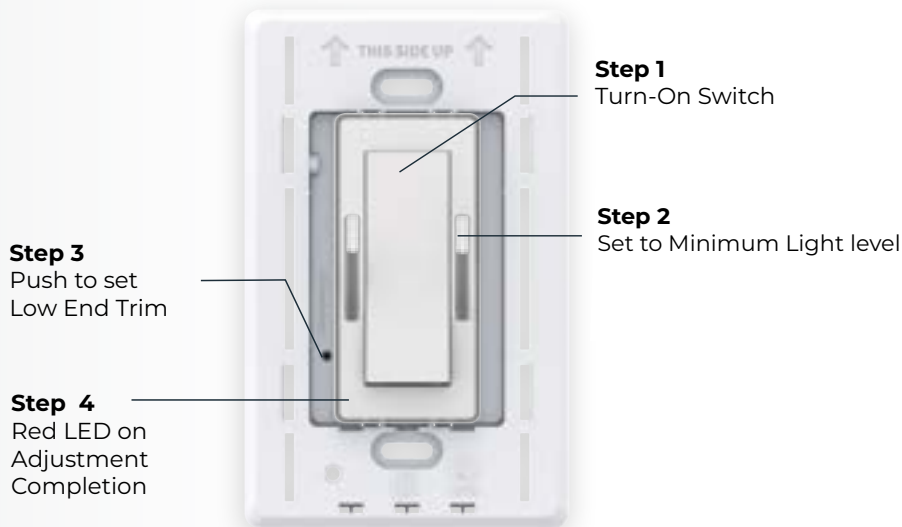
To switch between
Dimming curve and
Color Mixing Curve.

- Turn off the switch
- push the reset button.
- Turn the switch back
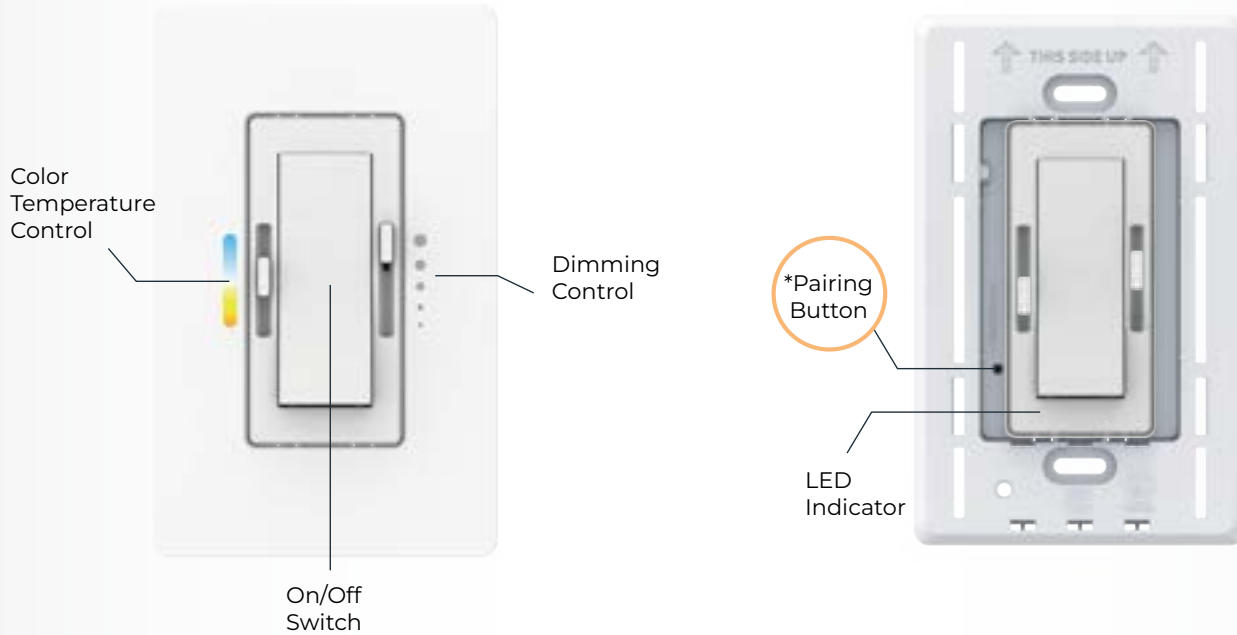 on and follow the steps.
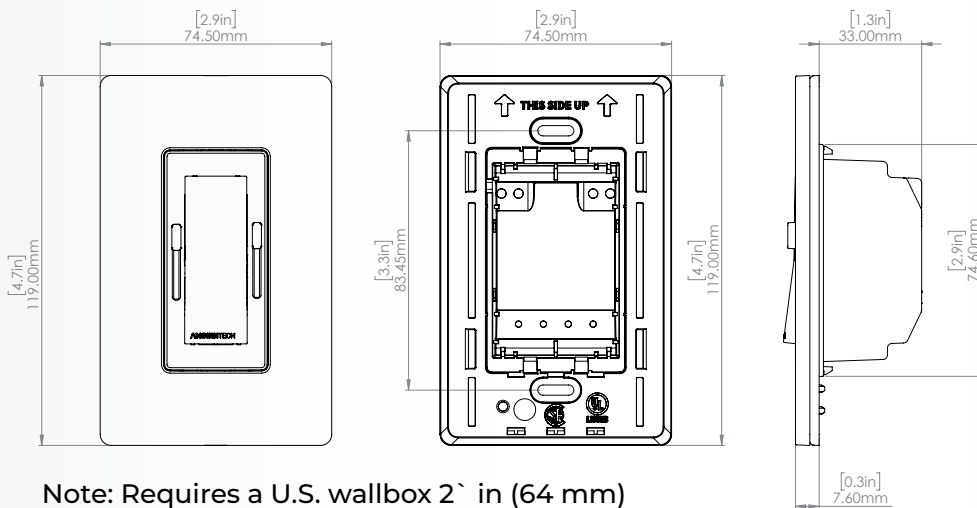
## High End Trim Adjustment

**Step 1**
Turn-On Switch

**Step 2**
Set to Maximum
Light level

**Step 3**
Push to set
Low End Trim

**Step 4**
Red LED on
Adjustment
Completion

Wall Plate Included



Color Temperature Control

Dimming Control

*Pairing Button

LED Indicator

On/Off Switch

## Mechanical Specifications



[2.9in] 74.50mm

[2.9in] 74.50mm

[1.3in] 33.00mm

[4.7in] 119.00mm

[3.3in] 83.45mm

[4.7in] 119.00mm

[2.9in] 74.60mm

[0.3in] 7.60mm

Note: Requires a U.S. wallbox 2` in (64 mm) deep minimum.

| Material | PC/ABS - 5VA Rating |
|----------|---------------------|
| Finish | White Glossy (Default) |

## Specification Submittal

| Project Name: | Company Name: |
|---------------|---------------|
| Project Number: | Contact Name: |
| Part Number: | Email: |

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