SAVANT

Metropolitan Auxiliary Control - WI3-xxx102
Quick Reference Guide

The Savant WI3-SWS102 (snow white) and WI3-LAS102 (light almond) Auxiliary Control are a companion to the Savant Metropolitan wireless dimmers, switches, and keypads. The Auxiliary Control is wired in such a way that allows for control of one load from multiple locations such as in a 3-way configuration. There is no limit to the number of Auxiliary Controls that can be wired to one Savant Metropolitan dimmer, keypad, or switch.

Unlike other Metropolitan devices, the Auxiliary Control cannot be connected to a wireless network. All control signals from the Auxiliary Control are sent over a traveler wire back to a Savant Metropolitan style dimmer, switch, or keypad. The Metropolitan device then outputs the appropriate voltage to the load.

⚠️ **IMPORTANT!** Using this product in a manner that is not consistent with this document will void your warranty
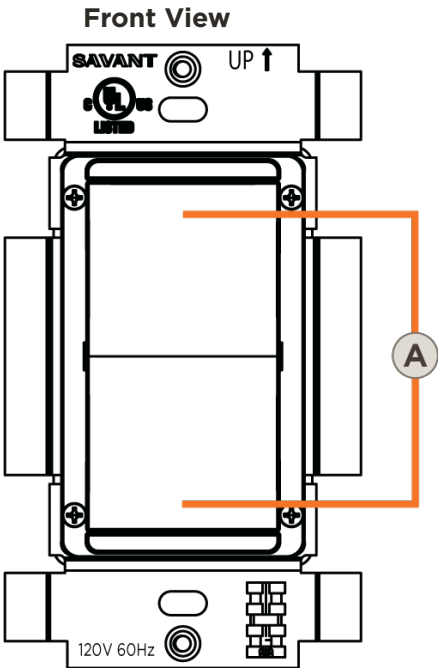
Box Contents
- Metropolitan Auxiliary Control without faceplate
- (2) Mounting Screws 6/32 x ¾ inch
- (3) Wire Nuts
- Quick Reference Guide (this document)

Optional Accessories
- 1 to 4-gang faceplates
- Black conversion kits

Specifications

Environmental	
Temperature	32° to 104° F (0° to 40° C)
Humidity	10% to 90% Relative Humidity (non-condensing)
Location	Indoor Use Only

Dimensions	
Height	4.13 in (10.49 cm) / Shipping 7.0 in (17.78 cm)
Width	2.38 in (6.05 cm) / Shipping 4.5 in (11.43 cm)
Depth	1.81 in (4.60 cm) / Shipping 3.0 in (7.62 cm)
Weight (Shipping)	0.60 lb (0.272 kg)

Recommended Back Box Depth Dimensions
All Metro Auxiliary Controls require a standard U.S. electrical back box
• Recommended - 3.5 in (8.89 cm) deep
• Minimum - 2.25 in (5.72 cm) deep

Power
120V AC on traveler wire (yellow)

Supported Load Types
Not Applicable

Regulatory	
Safety and Emissions	UL
RoHS	Compliant

Minimum Supported Release	
Savant® OS	da Vinci® 7.2.1

Front View

A — Pressing the main toggle button up or down will send data over the traveler wire (yellow) to the master Metropolitan dimmer, switch, or keypad. The data sent is then used to alter the voltage at the load wire (red) of the master Metropolitan device.

Rear View
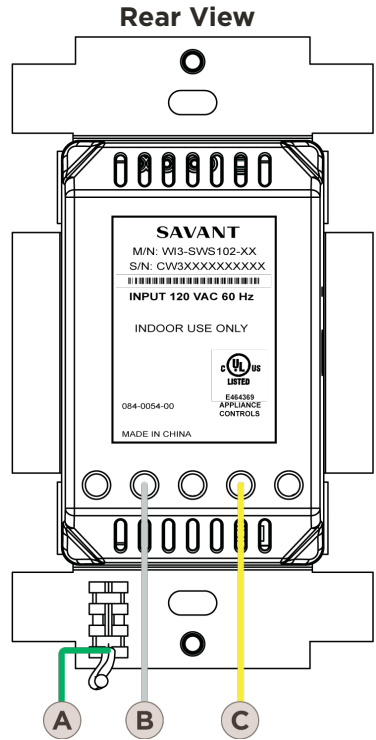
Device wires are all a five inch #16 AWG stranded wire.

|		
A	Green	**Ground** - Wire to Gnd.
B	White	**Neutral** - Return path for voltage.
C	Yellow	**Traveler** - Wire the Traveler wire (yellow) of each Auxiliary Control to the traveler wire of the master Metropolitan dimmer, switch, or keypad. See Wiring Diagrams section.

Multi-Gang Installations

When combining multiple Switches, Dimmers, Auxiliary Controls, Keypads, and Fan Controllers into a multi-ganged box, the tabs on the inside need to be removed to be able to fit all devices into the electrical box. Below are examples of the 4, 3, and 2-gang scenarios.
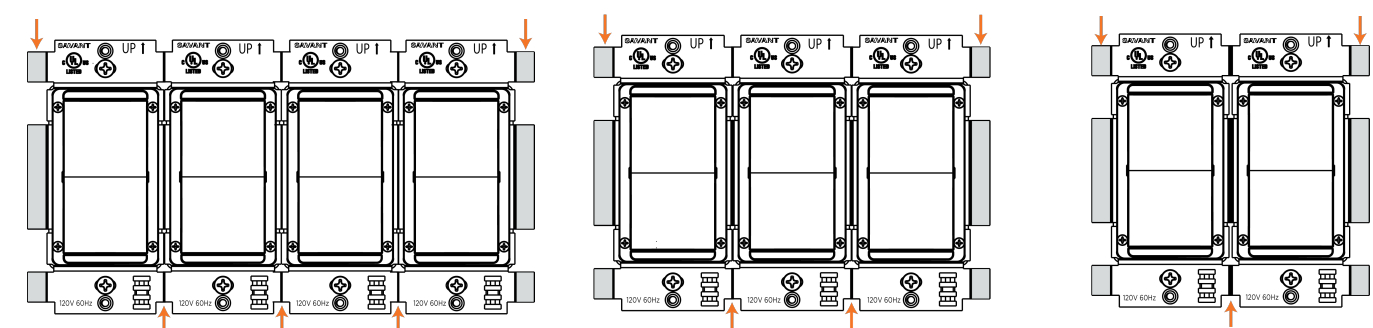

- Tabs are removed from both sides of inside gang devices.
- Tabs are **NOT** removed from outside edges of devices at the end of each gang.

Electrician Removal/Installation Instructions

To ensure proper installation of the Savant Metropolitan Auxiliary Control, a qualified electrician should do the following:

⚠ **ELECTRIC SHOCK:** The 120V AC, 60 Hz source power poses an electric shock hazard that has the potential to cause serious injury to installers and end users.

⚠ **IMPORTANT:**

- A licensed electrician is required to install any Savant lighting equipment. Isolate and turn off the power at the main breaker panel prior to installing any electrical devices.
- For line, load, neutral, traveler, and ground connections, use only #14 AWG or larger solid copper wires (80°C) with insulation stripped to ⅝" (16 mm).

1. At the main breaker panel, switch the breaker that supplies power to the circuit to Off.
2. Unscrew the wall plate and remove. Verify power is removed using a 120V AC tester.
3. Unscrew the two 6-32 flat head screws and remove the existing toggle/rocker switch.
4. Disconnect wires from the existing device and remove the device. It is good practice to label each wire as it is removed. If not already identified, mark wires to ensure proper rewiring. Especially if the circuit employs a 3-way configuration.
5. Connect the in-wall wires to the leads coming from the Metropolitan Auxiliary Control using the supplied wire nuts or approved alternative. Refer to either the Wiring Diagrams or Rear View Descriptions section.
6. Insert the Savant Auxiliary Control into the electrical switch box and secure with the 6-32 flat head screws provided. **DO NOT** use a powered screw driver. A powered screw driver can over tighten the screws.
7. Re-establish power at the main breaker panel.
8. To test:
   - If the Auxiliary Control is wired to a Metropolitan wireless switch, toggle the main button to the On (up) position and observe the load turns On. Toggle the main button to the Off (down) position and observe the load turns Off.
   - If the Auxiliary Control is wired into a Metropolitan wireless dimmer/keypad, press and hold the main button in the On (up) position and observe the load increases in intensity. Press and hold the main button in the Off (down) position and observe that the load decreases in intensity.

Note: This test assumes a Savant Metropolitan Dimmer, Switch, or Keypad that the Auxiliary Control is connected to has previously been wired and tested.
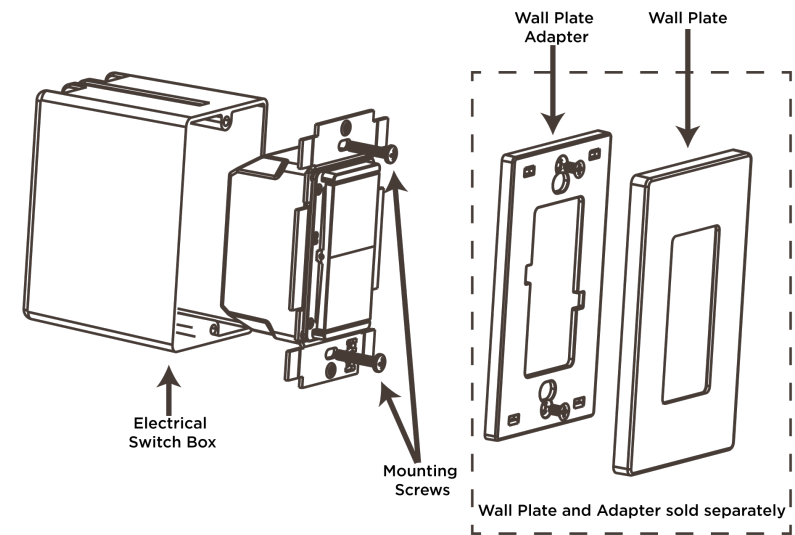

Wiring Diagrams

The diagrams below display how to wire the Metropolitan Auxiliary Control as a companion to the Metropolitan Dimmer. Both the basic wiring as well as the No Neutral diagrams are shown. Any unused wires must have the bare wire portion (stripped end) cut off and the wire must be capped with a wire nut.

For more information, refer to the **Metropolitan Style SmartLighting Deployment Guide (009-1342-xx)** on the **Savant Customer Community**.

Example of two Auxiliary Controllers wired to Metropolitan Dimmer
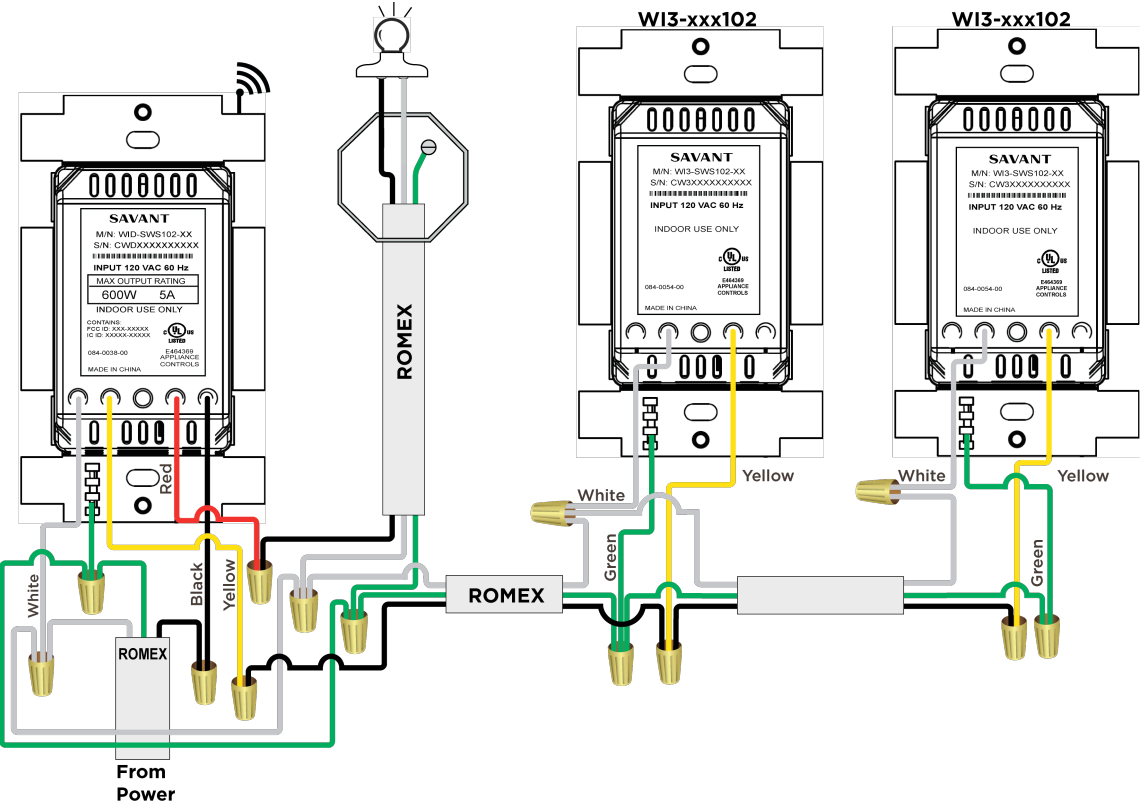
Example of one Auxiliary Control wired to Metropolitan Dimmer (No Neutral)
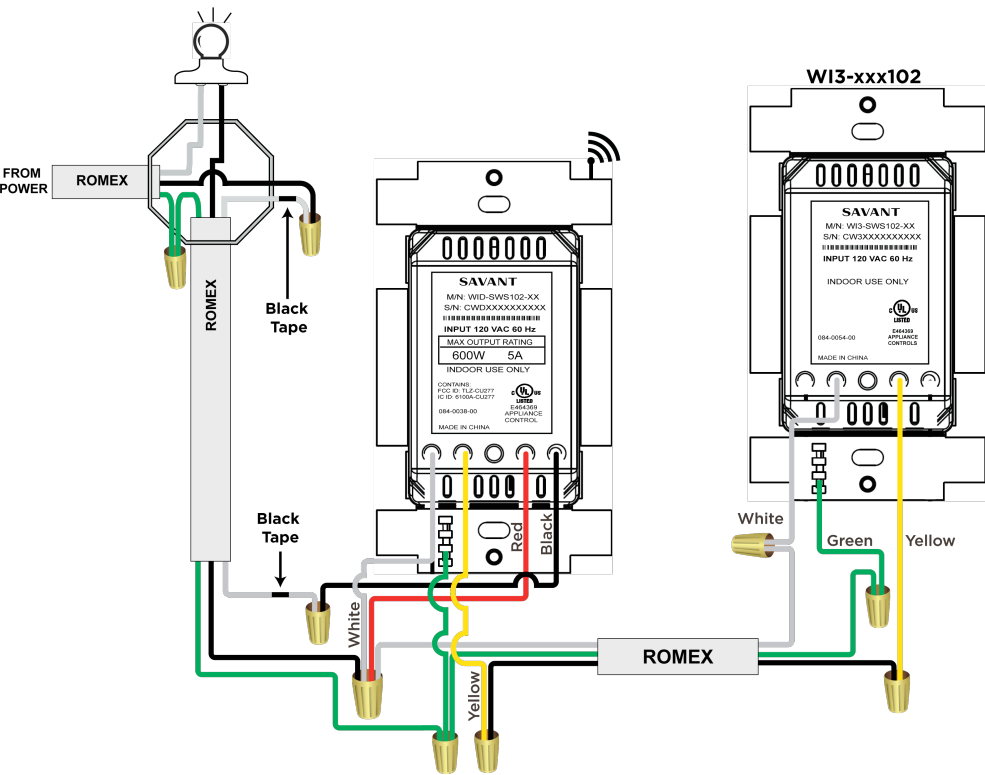
⚠ **WARNINGS:**

- Using the dimmer or keypad in a No Neutral configuration with loads other than incandescent can overheat the device and cause damage.
- The WIS-xxx102 Metropolitan Switch is not supported in a No Neutral 3-way configuration.