

Wireless Wall Switches

Hubbell's WL-series wireless wall switch provides an easy method for reducing energy usage. This switch communicates wirelessly to corresponding WL-series wireless controls such as the WLP450C and any other WL-series sensor. This wireless switch also works with accessory switches to support three and four way applications.

The WL-series wall switch is dual-voltage 120 or 277V capable and doesn't require a neutral connection. The supplied load adaptor maintains support for the latest lighting technologies such as CFL and LED. The switch is also equipped with an easily accessible service switch for safe lamp replacement.

Key Features

- No neutral required, no leakage to ground
- Uses conventional 3-way and 4-way wiring.
- Controls include Service Switch for safe lamp replacement.
- Load capacity of 8A lighting, 3A fan
- Power failure memory: If power is interrupted, the control will return to its previously set level prior to interruption.
- Tested to withstand electrostatic discharge without damage or memory loss, in accordance with IEC 61000-4-2.
- Tested to withstand surge voltages without damage or loss of operation, in accordance with IEEE C62.41-1991 Recommended Practice on Surge Voltages in Low-Voltage AC Power Circuits
- Controls always operate locally and do not require system control.
- Receives wireless inputs from up to three WL-series occupancy/vacancy sensors, and one wireless daylight sensor
- Multiple location control from Switch and up to 9 Accessory Switch(es).
- Requires a 1-gang U.S. wallbox. 3½ in (89 mm) deep recommended, 2¼ in (57 mm) deep minimum.
- Green indicator light.



WLS1278W



WLS120W

Communication Frequency

- 431.0 – 437.0 MHz
- Lutron® Clear Connect™ RF technology enabled

Transmitting Devices WL-Series Wireless Controls



WLP450C Wireless
Ceiling Sensor



WLP3000W, WLP2500W
and WLP150H Wireless
Wall Mount Sensors



WLDH Wireless Daylight
Sensor

Wireless Sensing and Load Control Devices



Wireless Wall Switches

Description	Color	Catalog Number
8A Lighting, 3A Fan (1/10 HP motor, 120V AC only), Spec Grade Electronic Switch 120–277V AC, NO NEUTRAL WIRE REQUIRED	Ivory	WLS1278I
	White	WLS1278W
Accessory Switch 120V AC	Ivory	WLAS120I
	White	WLAS120W
Accessory Switch 277V AC	Ivory	WLAS277I
	White	WLAS277W

Compatible Transmitters: WLP series and WLDH sensors any Lutron Clear Connect Enabled Sensor.

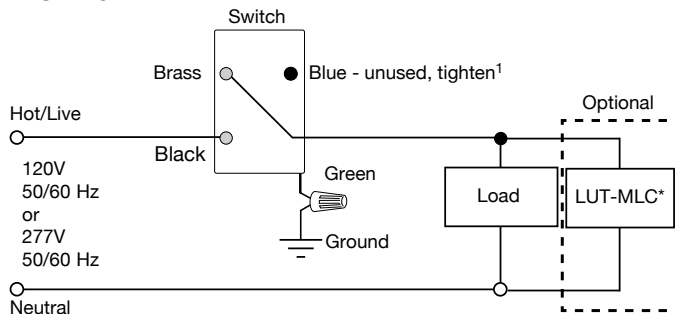


Specifications

Electrical	Operating voltage: 120/277V AC - 50/60 Hz Green indicator light
Operating Environment	Indoor use only Ambient operating temperature: 32 °F to 104 °F (0 °C to 40 °C), Relative humidity: 0% to 90% humidity, non-condensing
Wire Size	20 to 16 AWG (0.5 to 1.5 mm ²) solid or stranded wire
Capacity	Up to 9 WLAS accessory switches can be configured to work together with one WLS1278.
Range	RF range is 30 ft (10 m) obstructed , 60 ft (18 m) line of sight
Certifications	UL Listed. CSA Certified. FCC Approved. Complies with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. Industry Canada Certified
Warranty	1 year

Wiring Diagram

Single Location Installation WLS1278xx*



* The included LUT-MLC ensures proper function when fluorescent, CFL, or LED loads are used. Install the LUT-MLC inside a load fixture or in a separate J-box of the circuit.

¹ When using controls in single location installations, tighten the blue terminal without any wires attached. DO NOT connect the blue terminal to any other wiring or to ground.

² Up to 9 WLAS Switches may be connected to the Wireless Switch. Total blue terminal wire length may be up to 250 ft (76 m).

³ Requires WLAS120 for 120V applications, and WLAS277 for 277V applications.

Multi-Location Installation² with WLS1278xx and WLAS277xx³

