OccuSwitch Wireless

Wall Switch with Wireless Communication LRA1721

Philips OccuSwitch Wireless control system is a simple, easy, and effortless way to create a more sustainable work environment.

This wall switch is part of the OccuSwitch Wireless Lighting Control family of products that provide automatic lighting control for energy management. The wireless feature adapts well to retrofit installations where pulling wires across existing ceilings is cost prohibitive.

The OccuSwitch Wireless wall switch can be installed with the other OccuSwitch Wireless products to create a complete wireless lighting control system for a single space. Up to 16 devices (switches, dimmers, occupancy sensors and multi-sensors), can be linked for reliable automatic control of the lights.

Features

- Wireless controls eliminate the need for ceiling mounted power packs.
- Attractive decorator style switch with easy to operate on/off positions.
- Self adaptive time delay tunes sensor to common activities in the space.
- Up to 16 devices can be linked together to control one space.
- Multi-way groups—two or more switches can be linked to form a group for multi-way operation.
- Several groups can be linked to the same set of sensors for code compliant energy management.
- Convenient switch based daylight recalibration allows end-user to recalibrate at any time without accessing the sensor.
- Processor based logic reduces false triggers to optimize energy savings and can potentially help extend lamp life.
- Daylight hold-back functionality when linked to a multi-sensor.
- Manual on/auto off mode available to meet new energy codes.
- Manual off override to switch off the lights even though the room is occupied.

Compatibility

- Compatible with Philips Advance Optanium Programmed Start and Centium ballasts and Xitanium LED drivers.

Applications

- Classrooms, conference rooms, offices, restrooms (fan and lights), multi-media rooms, lounges, break rooms, lab spaces, storage areas, etc.

Job Information Device Type #: _____

Job Name: _____

Cat. No.: _____

Notes:

PHILIPS

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Technical data*

Operating voltage: Universal—120VAC or 277VAC, 60Hz

Load rating: Electronic fluorescent ballast 120V/1300VA 277V/1300VA
Electromagnetic fluorescent ballast 120V/1300VA 277V/1300VA
Incandescent lamps 120V/800W Motor load 120V/0.25HP

Wireless network protocol: ZigBee Pro 2.4GHz
Universal license free band

Wireless compatibility: Multiple devices can be connected: Switches (LRA1721) Dimmers (LRD1730) Occupancy Sensors (LRM1743) Multi-Sensors (LRM1760) OSW Access Controller (OSWAC)

Stand-alone or 3-way switching: Each wireless switch can be configured to operate as a stand-alone switch or a 3-way switch. By default the switch will act as a stand-alone switch: the switch only controls the load that is connected to it. When configured as a 3-way switch, all loads are controlled from any switch.

Group configuration: Any set of switches can be linked to mimic one-another. They all can also be linked to the sensors in the room for automatic operation.

Colors: White and ivory

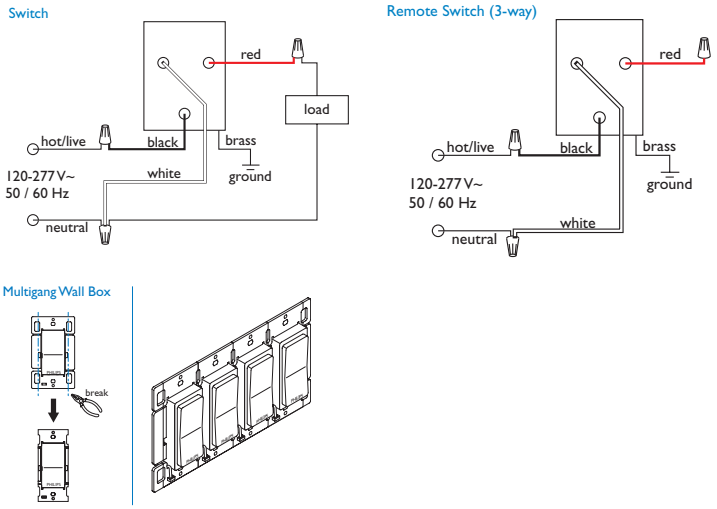
Operating conditions: For indoor use only. Temperature 41°F to 104°F (5°C to 40°C) Humidity 20% to 85%, (Non-condensing)

Regulatory compliance: UL, CSA, FCC, RoHS, California Title 24

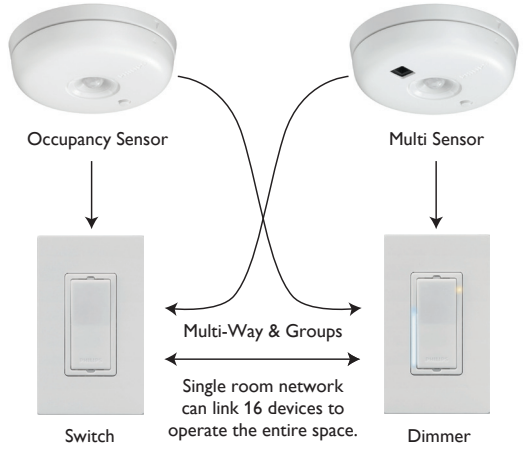
Physical dimensions:
Length x Width x Depth: 4.13" x 2.56" x 1.79" (105 x 65 x 45 mm)
Fits in a standard single-gang wall box.
Can also be installed in a multi-gang configuration if fins are removed. Switch maintains full rating.

*Subject to change without notice.

Wiring diagrams



Multiple device configuration



Ordering information

Ordering Code	Description
LRA1721-00	OccuSwitch Wireless Wall Switch, 120/277 V (White)
LRA1721-01	OccuSwitch Wireless Wall Switch, 120/277 V (Ivory)

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