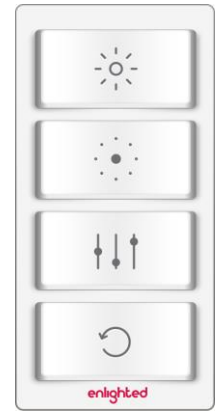


Enlighted Room Control

The Enlighted Room Control is the ideal option when you want to enable push-button manual control over special spaces under Enlighted’s intelligent lighting control—such as private offices, conference rooms and theatres.



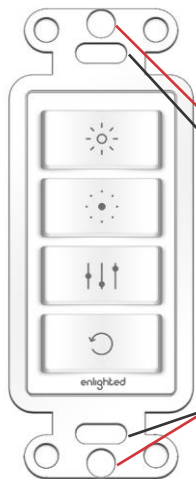
OVERVIEW

The Enlighted Room Control is designed for use with the Enlighted Lighting Control Application, today’s most effective and easily deployed means to align workspace lighting levels with tasks, comfort preferences and energy efficiency goals. The Enlighted Room Control enables you to activate scenes such that groups of light fixtures behave in concert to achieve a lighting objective — for example, to adjust for comfortable viewing of a backlit screen versus a live presenter. When the switch is installed in a private office, the occupant can define specific lighting scenes for concentrating, revitalizing or meetings. The Enlighted Room Control gives you the flexibility to predefine up to six different scenes and many brightness levels that can then be accessed at the push of a button.

FEATURES AND BENEFITS

- + **MICROPROCESSOR CONTROL:** Each Enlighted Room Control is a full-fledged computing and communications device. The switch communicates with Enlighted Smart Sensors™ attached to the fixtures, enabling the sensor to make local decisions.
- + **SOFTWARE-DRIVEN:** Scene configurations are defined for each individual Enlighted Room Control and are saved in the smart sensor’s memory during switch commissioning. Scenes are easily configured and changed through the browser-accessible Enlighted Energy Manager™.
- + **CODE-COMPLIANT:** In some regions, building code requires that a manual on/auto off switch be located in any closed space under automated lighting control, like private offices. The Enlighted Room Control fulfills this requirement.

- + **SIMPLE AND LOW-COST INSTALLATION:** Completely self-contained and requiring no external power, the switch installs easily. In most cases, installation can be accomplished using off-the-shelf faceplates and wall-mounting kits. Because there is no wiring involved, there is no need for a licenced electrician.
- + **EASY OPERATION:** Intuitive buttons enable occupants to brighten and dim lights, as well as cycle through lighting scenes and return to default behavior. When a space has been unoccupied for a pre-determined period of time, the Enlighted system reestablishes automatic control. Vacancy duration is a configurable parameter.
- + **STANDARDS-BASED NETWORKING AND SECURITY:** Adhering to the 802.15.4 wireless protocol and selecting low-traffic channels, the Enlighted wireless network reliably coexists with Wi-Fi networks. Traffic is AES-128 encrypted to prevent intrusion and tampering.
- + **LOW AIR-TIME CONSUMPTION:** The Enlighted Room Control consumes a very small fraction of wireless channel capacity because it only communicates locally with the smart sensors, thereby minimizing collisions with other traffic.
- + **VIRTUAL CONTROL MODE:** The Enlighted Room Control also provides virtual control through the Enlighted Energy Manager web interface. Access to this can be granted by the system administrator to certain occupants using a role-based access control model.
- + **MINIMAL MAINTENANCE:** With an expected battery life of more than 5 years, the Enlighted Room Control has minimal maintenance requirements.



DIMENSIONS

32mm L x 65mm W x 4mm H

MOUNTING

PARTS INCLUDED

- + Enlighted Room Control
- + One gang wallplate with hidden mounting screws hardware
- + 2x construction screws
- + 2x spacers

TOOLS NEEDED

- + Screwdriver
- + Level

INSTRUCTIONS

1. Align the backplate with the Room Control with arrow pointing up. Affix to the Room Control by firmly tightening both screws.
2. Align spacers to the Room Control. Place spacers against the back of the switch—one at the top and one at the bottom—and align the spacers with the oval screw hole of the mounting plate. Ensure flush side of the spacers face the wall. Hold in place against desired wall location.
3. Screw on backplate using construction screws provided.
4. Snap on wallplate with arrow pointing up.

TECHNICAL SPECIFICATIONS

Action	Four push buttons; six software-configurable scenes
Actuations	50,000 rated
Power	Battery-powered: CR 2025
Battery Life	5 years approximate
Max Fixtures Per Switch	100
Security	AES-128 Encryption
Interoperability	Enlighted Gen2 Sensors and Gateways
Radio Frequency	2.4 GHz ISM Band
RF TX Output Power	0 dBm
Wireless Protocol	IEEE 802.15.4
Wireless Range	300 feet line-of-sight
Operating Environment	0 to 50° C / 32 to 120° F
Enclosure	Polycarbonate
COMPLIANCE	
Worldwide	RoHS, IC
United States	FCC Class A Part 15, UL Listed

FCC ID: AQQ-WS100; IC: 10138A-WS100

Warning:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by Enlighted Inc. could void the user's authority to operate the equipment.

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.



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