

GRYDSENSE SWITCH

TECHNICAL SPECIFICATION

Revision History

Sl #	Change Description	Version	Date
1	Initial Draft	0.6	21 st Oct, 2023
2	Added Mounting Arrangement	1.0	22 nd Apr, 2024

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Overview

Switch provides the user with intelligent lighting controls in which the user can personalize the brightness levels and change to different scenes based on their requirement.

Features

- Wireless Lighting / Scene control switch
- Wireless Communication using secure BLE mesh technology.
- Personalise Brightness levels
- Change to various scenes based on the requirement

Specifications

Power

- Supply voltage: Universal 90-230 VAC
- Power consumption: 30 mA max

Radio

- 2.4 GHz ISM band
- Bluetooth 5.1 Mesh protocol

Mounting

Wall mount

Environment

- Temperature: 0 to 40 degree C
- For semi-indoor use only
- Humidity: max 90% non-condensing

Storage and transportation

- Temperature: -10 degrees C to +60 degrees C

Material and Color

- Material: Polycarbonate
- Color: White / Black



Regulatory Approvals

CE, RoHS

IP rating - IP22

Material and Color

- Material: Polycarbonate
- Color: Roma white / Black

Models Available

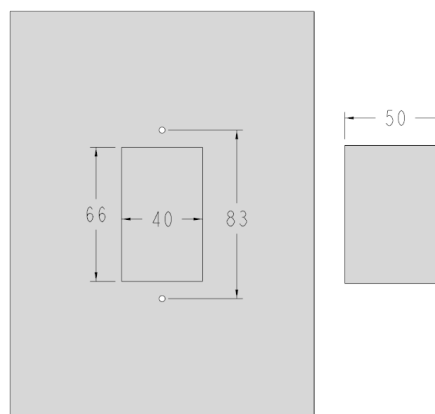
- GRYPD-AREA-4S-W – 4 Button Area Controller white color
- GRYPD-AREA-4S-B – 4 Button Area Controller Black color

Dimensions

All dimensions are in mm



Dimensions for cutting the vertical surface



Installation Overview

Switch Setup

Switch setup is available as a service by GrydSense

Placement

Switch must be placed such that people can access. This controller can be installed in conference room walls with minimal change.

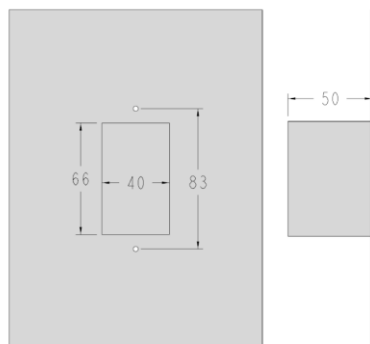
Installation

Switch has an option of metal cup which goes into concrete wall. The power supply can be installed inside the metal cup.

Installation

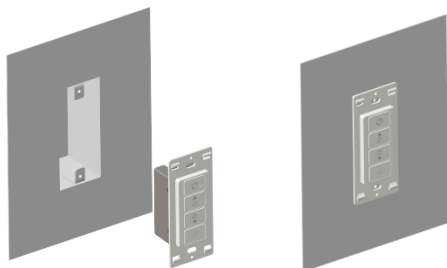
Step 1

Make the cutting on the vertical surface as per the below image



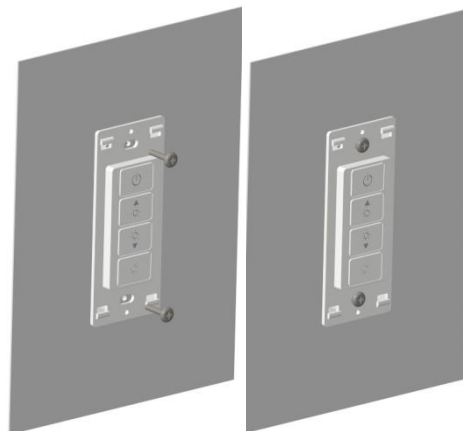
Step 2

Install the Switch inside the cutting



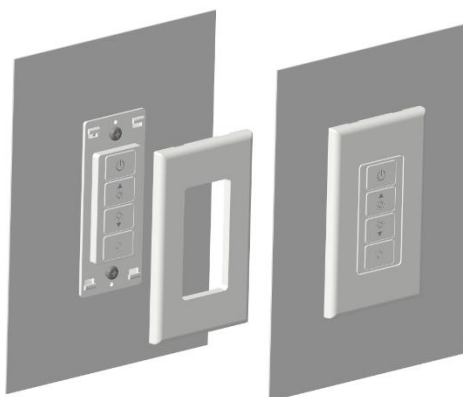
Step 3

Fix it with the provided mounting screws



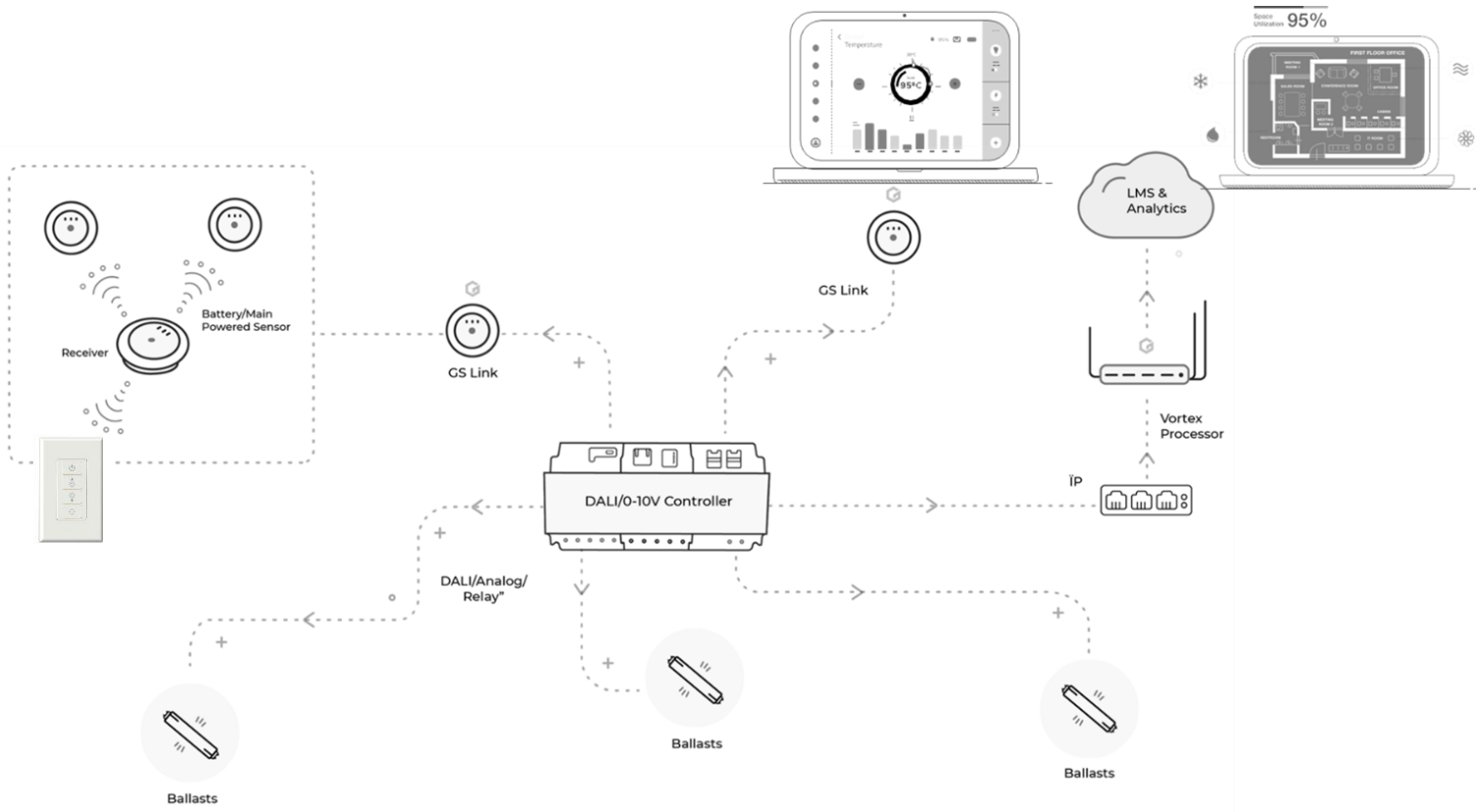
Step 4

Press fit the covering plate.



System Diagram

Wired system diagram



Wireless system diagram

