1-Button Bluetooth Mesh Wall Controller

Overview

- Bluetooth® SIG mesh
- Manual on/off (wireless)
- Dim up/down (wireless)
- Conforms with DLC NLC5 Cybersecurity Standards

- LED status indicator light
- Mounts in any standard wall box
- Color: white

Suitable for Indoor Use Only

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E341446
FC
DLC QPL LISTED
Bluetooth®

Applications

mwConnect's 1-Button Bluetooth mesh wall controller (PSC-DM-WS-100-BLE-SR) wirelessly communicates with other Bluetooth mesh network devices to provide scene and light level control to lighting in the space. It can be installed in a standard 1-gang wall box.

Typical applications include public restrooms, private offices, classrooms, conference rooms, storage spaces, and break rooms.

Operation

TruBlu™ Mesh Controls: Qualified by Bluetooth SIG for its Bluetooth Mesh 1.0.1 specification, the wall controller connects to a Bluetooth mesh network and is accessed via the TruBlu web portal or mobile app for initial design, setup and scheduling, as well as subsequent parameter adjustments.

End users can then program length of time delays, fade time, and other settings using these design and commissioning tools.

The PSC-DM-WS-100-BLE-SR controls all of the lights in a specific zone. The unit also functions as a dimmer to override the pre-configured occupancy sensor settings.

See the TruBlu™ Commissioning User Manual for more information.

Summary

Type:
1-Button Wall Controller

Input Voltage | Power Consumption:
120-277 VAC, 50/60Hz I Max 1.5W

Mounting:
Standard wall box

Max Bluetooth Range[1]:
30ft (9.14m)

Operating Temperature:
 0° to 55°C

Storage Temperature:
-10° to 60°C

Relative Humidity:
90-95% non-condensing at 30°C

Color: White

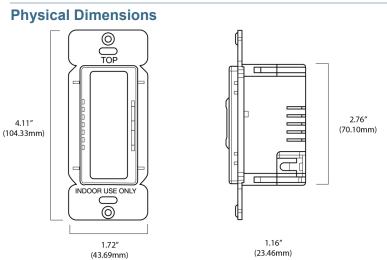Warranty: 5 years

Note:
1. Bluetooth Range is highly dependent on the integration of fixtures, surrounding environment and conditions. It is recommended to conduct testing for range accuracy.
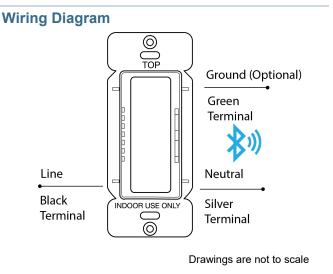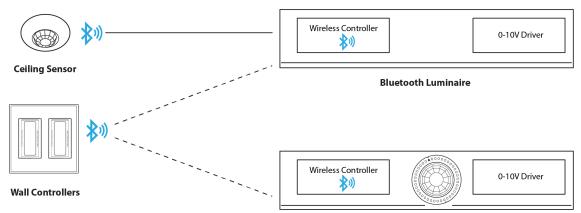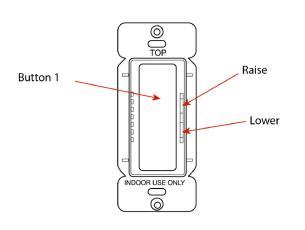
Project	
Location/Type	

Physical Dimensions

4.11"
(104.33mm)

2.76"
(70.10mm)

1.72"
(43.69mm)

1.16"
(23.46mm)

TOP
INDOOR USE ONLY

Wiring Diagram

TOP

Ground (Optional)

Green Terminal

Line

Black Terminal

Neutral

Silver Terminal

INDOOR USE ONLY

Drawings are not to scale

Examples

Ceiling Sensor

Wireless Controller

0-10V Driver

Bluetooth Luminaire

Wall Controllers

Wireless Controller

0-10V Driver

Bluetooth Luminaire with Integral Sensor

Wireless Manual Control

Button 1

Raise

Lower

TOP

INDOOR USE ONLY

Button 1 for On/Off:

Short press - OFF

Short press - AUTO/ON

Auto = Resume automatic control; turns on the automatic settings
for luminaires (defined by the settings profile).

For dimming:

Raise Toggle

Lower Toggle

Factory reset:

Press and hold Button 1 together with side toggle at top and bottom
for 10 sec. The device returns to an un-provisioned state.

How to Order

Model No.	Description	Input Voltage
PSC-DM-WS-100-BLE-SR	Wireless 1-Button Wall Controller, TruBlu SIG Bluetooth Mesh, Technology Partner Silvair, (decorator faceplate not included)	120-277 VAC, 60Hz

Design and specifications are subject to change without notice.