ILLUMRA™

Bluetooth Wireless Wall Switch

The ILLUMRA™ Wireless Bluetooth 5 Button Wall Switch is great for all applications. These switches have built-in functionality for dimming, on/off, and scene control. Use these switches in conjunction with a user-friendly mobile app to design your perfect lighting system.

Save Time, Energy, and Money
Installing a switch doesn't have to mean tearing open a wall, or hardwiring relays and lighting controls.

Features:
- Bluetooth wireless mesh control
- Fits standard single or multi-gang switch box, or surface mount
- Recalls up to 3 custom scenes
- Create 3 and 4-way switch layouts without wiring
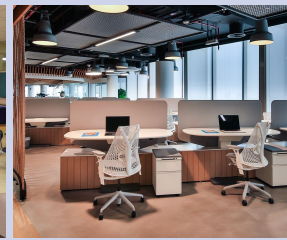- ON/ OFF/ DIM
- Configure from mobile APP

Applications
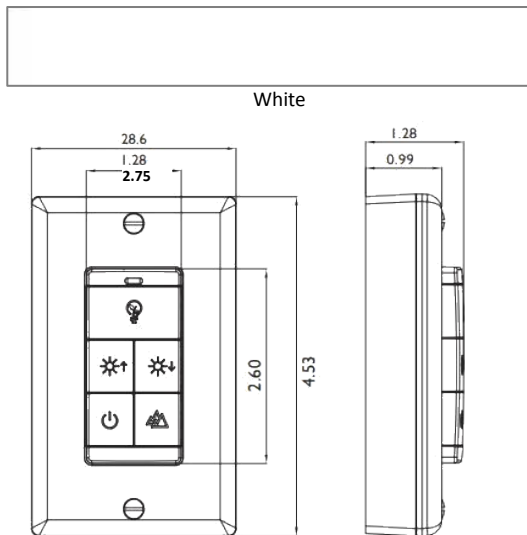

| Retrofitting | New Construction | Classrooms | Offices | Warehousing |

White

Technical Spec:	BTX-S5BWH Model
Range	30-80 feet (typical)
Frequency	2.4 GHz Bluetooth (channels 11-26)
Power Supply	2 x Coin Cell Batteries
Buttons	5 button positions
Output Channels	Only limited by number of receivers in range
Dimensions - Inches	2.75" (W) x 4.53" (H) x 1.28"* (D) (*incl. spacer)
Radio Certification	

Ordering (example: BTX-S5BWH):

BTX	-	S	5	B	WH
BTX = Bluetooth 2.4 GHz Transceiver		S = Switch	5 = 5 Button	B = Standard Box	WH = White

This device or certain aspects thereof is protected by at least one U.S. or International patent or has at least one such patent application pending

ILLUMRA™

Bluetooth Wireless Wall Switch

COMPATIBILITY

Name	Model	Uses
LED Controller & Sensor Combo	BTX-DUV-OCC	LED Fixture Controller & Sensor W/ Daylight Harvesting Bluetooth Mesh
LED Fixture Controller	BTX-DUV-10VFX	3A LED Fixture Controller Bluetooth Mesh
Wired Occupancy Sensor	NWO-OFX	Wired PIR Occupancy Sensor for Bluetooth Mesh

LINKS

Product Page

BTX-S5BWH

BTX-DUV-10VFX

COMMISSIONING APP

Commissioning App Download QR Code

BID SPECIFICATION~

WIRELESS WALL SWITCHES

Part 1. Wireless Bluetooth 5 Button Wireless Self-Powered Wall Switches

1. **Wireless Wall Switches**

   a. BTX-S5BWH ILLUMRA 5 Button style wall switch by Ad Hoc Electronics Inc., or equal

2. **Mechanical**

   a. Switches shall be battery-powered and wireless.

   b. Switches shall be 5 button using Standard North American Style.

   c. Switches shall fit into a standard North American size light switch junction box

   d. It shall be possible to install multiple switches using surface mounting plates available from the manufacturer or standard electrical multi-gang switch boxes

   e. Surface Mounting Plates shall be provided with BTX-S5BWH switch assemblies

   f. Switches shall be available in White.

   g. Switch faceplates shall be provided with BTX-S5BWH switch assemblies

   h. Switches shall have a fully enclosed electronics assembly

   i. Switches shall be constructed of PC and ABS plastic

3. **Electrical**

   a. Switches shall use 2.4 GHz Bluetooth radios. Systems that use other radio frequencies shall not be acceptable

   b. Switches shall have a lateral range of at least 10 m (30 ft.) – commercial office space (typical), up to 27 m (80 ft.) line of sight

   c. Switches shall comply with FCC Part 15.231 and IC RSS- 210

4. **Functional**

   a. Switches shall be able to switch loads on and off when used with compatible ILLUMRA relays and controllers

   b. Switches shall be able to dim loads up and down when used with compatible ILLUMRA dimming relays and controllers

   c. Switches shall be able to offer a minimum of 3 lighting control scenes functionality when used with compatible ILLUMRA relays and controllers

5. **Compliance**

   a. Switches must be part of a DLC approved controls solution