sensorswitch

JOT FAQ

JUST ONE TOUCH

Wireless, App-Free Solution for Single Room Lighting Control

How do Sensor Switch JOT enabled devices communicate to one another?

The wireless solution uses Bluetooth® Low Energy (BLE) pairing to allow devices to communicate with one another. BLE pairing is a process where two devices exchange information to establish an encrypted connection for communication. In BLE mesh, un-provisioned nodes are securely added to the mesh network by the provisioner device, enabling them to communicate with many devices in the network.

What is the difference between provisioning and pairing?

The two terms are very similar and used interchangeably in our literature for ease of understanding. Technically, JOT enabled devices are provisioned.

How does app-free pairing work?

This pairing method uses a precise synchronized power interruption to automatically pair and match nodes together, which are physically on the same AC branch circuit.

Using app-free pairing, can I setup multiple rooms at the same time without cross-communication?

Yes, you can begin the pairing process in multiple rooms concurrently and coexistence is ensured. Once pairing is complete, the wall switches will only control their respective rooms.

Is there a maximum number of JOT enabled devices that can be paired within one room?

The system can support up to 40 devices through the provisioning process. Additional JOT enabled fixtures may be added using push-button programming or the CLAIRITY™ Pro mobile app.

Can I add third-party devices to the JOT enabled wireless system?

No, the JOT enabled system is closed to third-party devices and JOT enabled devices cannot join other BLE systems.

If the pairing process does not require a mobile app, why is a mobile app included in the solution?

The JOT enabled wireless system is established with common occupancy-based predefined default settings. The CLAIRITY™ Pro mobile app is only needed for advance settings (e.g. behavior zones, daylight harvesting and Microphonics™).

Can I configure JOT enabled controls using the Sensor Switch VLP Mobile App?

No, the JOT enabled system utilizes a different mobile app for configuration. Keep in mind, mobile apps are not required for setup because the system is already established with common predefined default settings.

Is the Sensor Switch JOT enabled wireless system scalable to the nLight® wireless system?

No, the JOT enabled system does not include firmware that supports integration with the nLight platform; however, both systems can coexist within the same space.

How does the JOT enabled system differ from the nLight platform?

The JOT enabled wireless system is designed for single room applications including conference rooms, private offices, closets and classrooms. Unlike the nLight platform, the JOT enabled system cannot be scaled to cover an entire building or campus.

Can I add more fixtures without the mobile app after the app-free pairing process is complete?

Yes, you can add JOT enabled fixtures or devices without a mobile app by restarting the pairing process. This method can be used regardless of how the system was initially paired as long as the fixture is placed along the same AC mains.

Can I add another wall switch for 3-way or multi-entryway operations?

Yes, additional wall switches may join a provisioned network using the join and add push-button sequence outlined in the installation instructions. When using these functions, there is a chance that cross-pairing will occur so avoid push-button provisioning adjacent rooms. WARNING: Avoid push button provisioning adjacent rooms when this feature is in use.

What is the maximum separation between devices?

The advised maximum separation is 50 ft for line of sight conditions and 20 ft for typical indoor obstruction. Actual performance will vary based on environmental conditions.

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