● FUNCTION - BLUETOOTH APP CONTROL FUNCTION - BLUETOOTH APP CONTROL •

Bluetooth APP Control



With powerful Bluetooth 5.0 SIG Mesh Eco-system from Hytronik, we're able to fulfill the challenging requirements in all different kinds of projects. The Bluetooth products have significantly reduced the labor cost for wiring thanks to the wireless mesh networking, and the whole setup and commissioning process has been simplified with intuitive user interface of Koolmesh Bluetooth APP.

With bluetooth 5.0 SIG Mesh controllers built in Dynaluxx's luminaries, users can easily do setup, grouping and commissioning via the APP. Intuitive APP interface, interoperable product portfolio, flexible configuration, versatile combined functions, rich created scenes make our luminaries broad applicability possible.

Maximum distance from the phone to the light: 6~10m Transmission range from one light to another: 15~30m

Key Features & Capabilities

Quick setup mode & advanced setup mode

Web app/platform for project deployment & data analysis

Koolmesh Pro APP on iPad for on-site configuration

Floorplan feature to simplify project planning

Emergency report generation and diagnosis

DALI-2 and D4i supported

One-key device replacement

Device social relations check

Staircase function for quick primary & secondary setup

Remote control via gateway support HBGW01

Dynamic daylight harvest auto-adaptation

Grouping luminaires via mesh network

Dusk/Dawn photocell (Twilight function)

Tri-level control

Daylight harvest

Circadian rhythm (Human centric lighting)

Push switch configuration

Detailed motion sensor settings

Schedule

Astro timer (sunrise and sunset)

Power-on status (memory against power loss)

Offline commissioning

Bulk commissioning (copy and paste settings)

P Different permission levels via authority management

Network sharing via QR code or keycode

Interoperability with Hytronik Bluetooth product portfolio

Compatible with EnOcean BLE switches

Internet-of-Things (IoT) featured

Device firmware update over-the-air (OTA)

Continuous development in progress...

Bluetooth[®] 5.0 Web APP Platform & Gateway

1 The project designer applies 3 Commissioning done! All data & layouts to floorplan at home. analysis can be viewed and managed by the project manager/owner. 2 The installer comes to the project site, and uploads the pre-set configuration profiles directly to the luminaires.



- Floor-plan
- Data & Analysis
- Internet-of-Things (IoT) featured
- Auto report generation
- Smart control for connected lighting

Occupancy Detection with Bluetooth Wireless Grouping

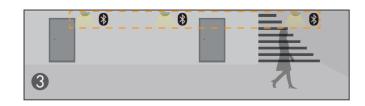


Group the lights and configure sensor settings on Bluetooth APP.

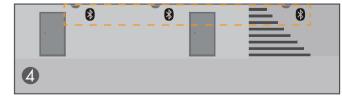


Web app platform: iot.koolmesh.com

Lights in the same group switch on when presence is detected, and stay on preset brightness level during the motion hold-time.



The whole group of lights dim to pre-set stand-by level after the hold time.



All lights switch off automatically after the stand-by period has elapsed.

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