



ELAHO

Lighting-control solutions for hospitality



Elaho lighting control system

Intelligent lighting for hospitality

Lighting control in hotels, resorts, convention centers and other hospitality venues doesn't have to be complicated or expensive. Echoflex Solutions' Elaho control system is an affordable, easy-to-use family of products that provides sophisticated yet uncomplicated lighting control for hotels of any size.

Flexibility

Hotels can have a variety of different lights throughout the building, from tungsten and two-wire fluorescent to LEDs. Instead of having to install several different power controllers to run all of them, the Elaho power control system can support multiple load types without complex hardware or commissioning.

Individual control

Elaho Inspire control stations can be customized for every location, so there are no extra switches or confusing controls to deal with. The Inspire stations can be installed anywhere: behind the registration desk, near entrances, in custodial closets, and anywhere else they're needed. All of the stations can record presets, so the simple push of a button can instantly change the lighting for mealtimes, nighttime, cleaning, or special events. And the Elaho system's Space Lockout feature blocks unauthorized users and prevents accidental button pushes.



Inspire control stations

Sleek button and fader stations that can be located anywhere for convenient lighting control

Light Sensor

Harvests natural light and reduces electronic lighting sources to save energy

Occupancy Sensor

Automatically turns lights on when a room is in use and switches them off when a space is empty

Zone and Room Controllers

Can divide spaces into zones or by rooms to control areas of light separately or all together

Power Control System

Supports six stations and power controllers, with Astronomical and Real TimeClocks for preset on/off functionality

Room service

Elaho Zone Controllers can divide a lighting system into zones, allowing for control of independent groups of lights. That way, the fixtures above a video screen in a conference room can be dimmed for better viewing, a ballroom can be partitioned into multiple spaces with each space individually controlled, or the lighting for a wedding or other special event can be programmed so the dance floor is brighter than the rest of the room. Need to integrate fluorescent, tungsten, or LED lights into a room? The Elaho DMX Scene Controller snapshots "light looks" that can be recalled from Inspire stations and, when combined with ElahoAccess, you can control hue, saturation and intensity levels from any iOS or Android device.

Energy savings

The Elaho system includes many products that can reduce energy expenditures, including Elaho Light Sensors, which are the perfect solution for lobbies, restaurants, and other areas with large windows. They register the amount of natural light in an area and adjust the light levels accordingly, so energy isn't wasted on an already well-lit space. Elaho Occupancy Sensors can be installed in public restrooms, exercise rooms, laundry rooms, and other areas that are unoccupied for long periods of time, to ensure that the lights are on only when the space is being used.



Inspire Control Stations

- One-, two-, four-, six-, and eight-button stations
- Four-button station with fader
- Consistent and reliable preset zone and space control
- Cream, Gray, Black, or White finish



Responsive Controls

- Automatically assess light or occupancy of a room
- Reduces artificial lighting for consistent light levels
- Up to 60% energy savings
- Meets ASHRAE 90.1 and CA Title 20/24



Elaho Zone Controllers

- One- and two-zone controllers
- Multiple options available
 - Relay only
 - Relay with 0-10V
 - Relay with 0-10V and occupancy input
 - Phase-adaptive dimmer
- Half-inch knockout mount
- Fully-rated 20A relays



Elaho Room Controllers

- Four or eight 20A relays with 0-10V control
- UL924 Listed with integrated Sense Feed
- Supports multiple control spaces in a single controller
- 120-277V discrete feed
- Lighting and plug load capable
- Demand Response contact input
- Astronomical and Real TimeClock



Elaho Power Control System

- Thirty-pole 10A, 15A or 20A breakers
- 24 poles of switching
- 20A mechanically-held air-gap relays
- Supports optional 300-watt dimmer per circuit
- Astronomical and Real TimeClock