



# ELAHIO

Lighting-control solutions for retail spaces

# Elaho lighting control system



## Sophisticated controls for retail outlets

In retail spaces, there is almost constant change: product displays rotating each season, items going on sale, special promotions, and even tenant turnover. A control system that adapts the lighting to each situation is a must. That's why Echoflex Solutions designed Elaho, an easy-to-install and easy-to-use lighting control system that meets the special needs of the retail market.

## Elaho's got flexibility in store

Elaho Inspire control stations give users the ability to control presets, zones or space functions with the push of a button. Need to make some tweaks to a design? Simply dial in a new look for a one-time use or record it as a new preset. Thinking about trying LEDs, fluorescents or other new fixtures? The Elaho Phase-Adaptive Dimmer can support multiple load types. Want to control the lighting and make changes locally? Elaho technology requires no centralized processor, allowing stations to be installed anywhere, with Space Lockout to block unauthorized users and accidental button pushes.



### Phase-Adaptive Dimmer

Supports multiple load types to control a variety of lights

### 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

### Room Controller

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

### ElahoAccess

Provides local and remote control and configuration of your Elaho system via iOS and Android smartphones and tablets with varying levels of password protection and access

## Green is the new black

Elaho can help retail spaces reduce power costs and meet new energy codes. Have a storefront with lots of windows? The Elaho Light Sensor takes advantage of the natural light streaming in, using its daylight-harvesting capabilities to dim electric light sources to prevent overlighting in the area near the windows. At the same time, the Elaho system uses light averaging and zoned lighting to ensure areas located away from the windows don't get too dark. Want the lights to go on and off at a specific time each day? The Astronomical and Real TimeClocks in the Elaho Power Control System and the Elaho Room Controller do just that. Don't want to spend money lighting an area not in use? The Elaho Occupancy Sensor can be installed anywhere, such as storerooms, fitting rooms and restrooms, to automatically switch the lights on when someone enters the space, and turn them off when no motion is detected. All these devices can be quickly added to a system, cut down on energy expenditures and meet ASHRE 90.1 and CA Title 20/24 regulations.



### 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



### ElahoAccess

- Enables configuration of connected Elaho devices
- Activate, deactivate, record and recall presets
- Set light levels or combine/control spaces and zones locally or remotely
- Wall-mountable Bluetooth interface with sleek design
- Utilizes Elaho communications protocol