

ELAHO

Lighting-control solutions for office buildings

Elaho lighting control system



Sophisticated controls for office buildings

Echoflex Solutions' Elaho lighting control system is a low-cost, plug-and-play family of products that provides sophisticated yet uncomplicated lighting control for office buildings of any size or layout. Elaho products are easy to install, without complex programming or configuration, and don't require training to use.

Green light

The Elaho control system is a great way to reduce power consumption in offices. The Elaho Light Sensor detects natural light and adjusts the output of nearby electronic fixtures accordingly, so a space isn't over-lit. The Elaho Occupancy Sensor also cuts down on wasted energy, by automatically turning lights on when a space is in use and off when it's empty. Likewise, the Elaho Room Controller's built-in Astronomical and Real TimeClock has fully configurable Daylight Saving Time, holiday schedules and special event override to make sure lights are only on when users want them to be. The Elaho Power Control System also lets users schedule designated on/off times, so lights aren't left on outside of business hours. In addition to cost savings, Elaho products can help office buildings meet changing energy codes, including ASHRE 90.1, CA Title 20/24 and IECC standards.



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

Inspire control stations

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

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 any Echo system via iOS and Android smartphones and tablets with varying levels of password protection and access

Elaho Expansion Bridge

Supports up to 64 Elaho stations and sensors within a single Elaho control system

Individual control where it's needed

Elaho Inspire stations are customizable, with various button quantities, faceplate colors and user-specified button labels, they can be installed anywhere. The stations' logical programming lets users record presets with different lighting looks that can be activated by the press of a button.

Elaho grows with your business

New offices and other areas can easily be added to the Elaho control system without interrupting the lighting in the rest of the building. And the system is adaptable, allowing adjustments to be made at any time, including relocating button stations, reprogramming presets, and reconfiguring power controls to match changes in office layouts. The Elaho Expansion Bridge expands systems even further with support for up to 64 stations, sensors or power controllers, creating larger, more robust Elaho control systems.



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