Echoflex   ElahoAccess Interface

GENERAL INFORMATION

ElahoAccess provides remote control and configuration of Elaho lighting-control systems from any iOS or Android mobile device. When connected you are able to set lighting levels, combine spaces, and control zones directly, as well as record, activate and deactivate presets for connected Elaho stations and sensors. ElahoAccess communicates to other Elaho devices allowing for remote configuration of various settings such and preset timing, button functionality and sensor configuration. For added security you can assign varying levels of system access and functionality with multiple system passwords.

APPLICATIONS
- Education
- Hospitality
- Healthcare facilities
- Office buildings
- Conference rooms
- Meeting rooms
- Retail

FEATURES
- Provides communication from the ElahoAccess mobile app to devices on the system bus via Bluetooth® Smart
- Mobile app available for Android and iOS
- Preset, zone and color control for Elaho products
- Advanced feature configuration of Elaho products
- Two-wire topology-free system gives you the freedom to easily place stations wherever they are needed

REGULATORY AND COMPLIANCE
- cULus Listed
- CE Certified

ORDERING INFORMATION

Product

MODEL	DESCRIPTION
EACC-_	ElahoAccess Interface

Enter station color code in __ space provided:

1 = Cream (RAL 9001), 3 = Gray (RAL 7001), 4 = Black (RAL 9004), 5 = Signal White (RAL 9003)

Stations flush-mount (F) in industry-standard gang boxes. (By others)

ElahoAccess Mobile App

MODEL	DESCRIPTION
EACC-A	ElahoAccess Mobile App (Android)
EACC-I	ElahoAccess Mobile App (iOS)

Power Requirements

Bus Power:	One unit of control power*
Auxiliary Power:	50 mA

*The first ElahoAccess Interface in a system does not effect station power counts

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SPECIFICATIONS

FUNCTIONAL
- Remote control of preset activation/deactivation, record, raise, lower, zone on/off control and room combine
- Control of Zone Intensity, Color, Tint and Color Temp
- Configuration of all Elaho Control and Output Products
- Configurable security levels for both connection and configuration

MECHANICAL
- Gangable for custom applications
- Enclosed electronics assembly and faceplate included
- No visible means of attachment
- Flush-mount in industry standard backbox, RACO 690 or equivalent
- Surface-mount backboxes available from manufacture upon request
- Constructed of injection-molded, ABS plastic in three RAL standard colors Cream (RAL 9001), Black (RAL 9004), and White (RAL 9003)
- Power and Bluetooth activity indicators
  - Blue power status indicatior
  - Amber Bluetooth activity indicator

ELECTRICAL
- Connects via low-voltage Class 2 wiring + 24 VDC auxiliary power
  - Topology-free wiring over Belden 8471 or equivalent and one #14 ESD drain wire
  - Two #16 AWG wires for 24 VDC auxiliary power
- Supports optional use of Belden 1583A or equivalent Ethernet control wire when used with Cat5 termination accessories
- Wiring may be bus, loop, homerun or any combination of these
- Supports up to 500 m (1,640 ft) of control wiring
  - Up to 300 m (1,000 ft) using Cat5
- MicroSD card slot for firmware maintenance

THERMAL
- Ambient room temperature: 0°C to 40°C (32°F to 104°F)
- Ambient humidity: 5–95% non-condensing

ELAHO FAMILY PRODUCTS

Bus Power Supplies

MODEL	DESCRIPTION
E-SPS	6 U Room Station Power Supply, Knockout Mount
E-SPS-DIN	16 U DIN rail Station Power Supply with 24 V Aux
E-APS	24 V Aux Power Supply, Knockout Mount

ElahoTouch

MODEL	DESCRIPTION
ETS	ElahoTouch Controller Mk2

Elaho Stations

MODEL	DESCRIPTION
E1001	Inspire One Button Station
E1002	Inspire Two Button Station
E1004	Inspire Four Button Station
E1006	Inspire Six Button Station
E1008	Inspire Eight Button Station
E1104	Inspire Four Button with Fader Station
EPS05	Preset Station - 5 Button
EPS10	Preset Station - 10 Button
EPSKS	Keyswitch Station
E-ATC	TimeClock

Elaho Responsive Controls

MODEL	DESCRIPTION
ELS	Light Sensor
EOCC	Ceiling-Mount PIR Occupancy Sensor
EVAC	Ceiling-Mount PIR Vacancy Sensor
E-DOC-C	Ceiling-Mount Dual Tech Occupancy Sensor
E-DVAC-C	Ceiling-Mount Dual Tech Vacancy Sensor
E-DOC-W	Wall-Mount Dual Tech Occupancy Sensor
E-DVAC-W	Wall-Mount Dual Tech Vacancy Sensor
E-DOC-SM1	Switch-Mount Dual Tech Sensor - One Button
E-DOC-SM2	Switch-Mount Dual Tech Sensor - Two Button

Elaho Interfaces

MODEL	DESCRIPTION
EACC	ElahoAccess Interface
EEB	Expansion Bridge
EDMXC	DMX Scene Controller
EEI	Elaho-Echoflex Interface
ECII	Contact Input Interface
ECOI	Contact Output Interface
EDRI	Demand Response Interface
EBI	BACnet Interface
EII	Integration Interface

Zone Controllers

MODEL	DESCRIPTION
ERC-G2	One Zone Relay Controller
EDRC-G2	Two Zone Relay Controller
ELD-G2	One Zone 0–10 V Controller
EDLD-G2	Two Zone 0–10 V Controller
ESSC-G2	One Zone SmartSpace Controller
EDSSC-G2	Two Zone SmartSpace Controller
ELVD-G2	600-Watt Phase Adaptive Dimmer (120 V)
ELVD-277-G2	600-Watt Phase Adaptive Dimmer (277 V)
ELVD-G2-MLV	600-Watt Forward Phase Dimmer (120 V)
ELVD-277-G2-MLV	600-Watt Forward Phase Dimmer (277 V)

Room Controllers

MODEL	DESCRIPTION
ERMC4-G2	Four Zone Room Controller
ERMCT4-G2	Four Zone Room Controller with TimeClock
ERMC8-G2	Eight Zone Room Controller
ERMCT8-G2	Eight Zone Room Controller with TimeClock

Panel Products

MODEL	DESCRIPTION
ERP	Elaho Relay Panel Mains Feed
ERPA	Elaho Relay Panel Mains Feed 277 V
ERP-FT	Elaho Relay Panel Feedthrough

PHYSICAL

Product Dimensions

MODEL	HEIGHT		WIDTH		DEPTH	
	in	mm	in	mm	in	mm
EACC	4.52	115	2.76	71	0.30	8