



GENERAL INFORMATION

A powerful addition to the Elaho family, the DMX Scene Controller uses snapshot technology to capture lighting looks and save them to connected Inspire® control stations, simplifying customization and control of individualized zones and fixtures. Combined with ElahoAccess or the Inspire Four-Button with Fader Station, the DMX Scene Controller can generate DMX and allows for intensity, hue, saturation and color temperature control.

APPLICATIONS

- Small theaters
- Hospitality
- Healthcare facilities
- Conference and meeting rooms
- Lobby spaces
- Retail
- Houses of worship

FEATURES

- DMX input for snapshot capture of lighting scenes
- Supports 32 presets of 512 DMX addresses
- Support for sequence playback of presets
- Support for control of 16 patched DMX Zones
- Works with ElahoAccess™ and Inspire Four-Button with Fader Station for live control of intensity, hue and saturation or color temperature of Elaho zones
- Basic and custom-use modes
- Configurable Power On Behavior, DMX Loss Action and DMX Active Action
- Demand Response integration
- Two-wire topology-free system gives you the freedom to easily place stations wherever they are needed

GENERAL

- UL and cUL LISTED
- CE Marked

ORDERING INFORMATION

Product

MODEL	DESCRIPTION
EDMXC	DMX Scene Controller

Mounting Accessories:

MODEL	DESCRIPTION
-DIN	Low-Voltage DIN-Rail Cover Kit

Power Requirements

Bus Power:	One unit of control power
Auxiliary Power:	150mA

Presets

Supports 32 Presets

SPECIFICATIONS

FUNCTIONAL

- Direct control or Recall prerecorded scenes for playback using DMX
- DMX input for snapshot recording up to 32 presets
- DMX output for up to 512 addresses
- Sequence playback of presets
- Use any Elaho station for preset or sequence playback
- Supports DMX pass-through for real-time output of incoming level when recording snapshots
- Meets USITT DMX-512A specifications
- Supports live control and recording for the following fixture profiles:
 - Intensity
 - RGBRGBA
 - RGBW
 - RGB_S (Selador Desire® D22, D40, Source Four® LED Series 1, Source Four LED Series 2)
 - RGB_SF (Desire D60)
 - IRGBS (ColorSource® PAR, Spot)
 - CwWw, WwCW
 - CwMwWw, WwMwCW
 - ICwWw
 - ICwMwWw
- ElahoAccess configurable Power On Behavior, DMX Loss Action and DMX Active Action
- Demand Response integration options

MECHANICAL

- One integrated DMX-input and one integrated DMX-output port
- Din-rail mounting complies with DIN43880 (35/7.5 rail)
- Constructed of injection-molded black ABS plastic
- Toggle switches for DMX-Termination and Config Mode
- DMX-In, DMX-Out and power indicators
 - Blue power indicator
 - Bi-color DMX activity indicator

ELECTRICAL

- Connects via two-wire control network through low-voltage Class 2 wiring + 24Vdc auxiliary power
 - Topology-free wiring over Belden 8471 or equivalent and one #14 ESD drain wire
 - Two #16 AWG wires for 24VDC auxiliary power
 - Max draw 150mA at 24VDC
- 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 meters (1,640 feet) of control wiring
 - Up to 1,000 feet using Cat5
- MicroSD card slot for firmware maintenance
- UL and cUL Listed, CE Marked

DMX PORTS

- Eight-position removable pluggable connectors for in and out ports
 - Connectors designed for use with Belden 9729 (or equivalent)
 - Optional headers available for use with Belden 1583A (or equivalent)
- Input is fully optically isolated from controller electronics
- Withstands fault voltages up to 250VAC
- Integrated DMX termination

THERMAL

- Ambient room temperature: 0-50°C / 32-122°F
- Ambient humidity: 5-95% non-condensing

ELAHOACCESS CONFIGURATION OPTIONS

- DMX Output Refresh Rate
- Preset Timings
- Power On Behavior
 - Available actions include Preset, Sequence, Last Look, None.
- DMX Loss Action
 - Available actions include Preset, Sequence, None
- DMX Active Action
 - Available actions include Preset, Off, Sequence, None.

ELAHO FAMILY PRODUCTS

Bus Power Supplies

MODEL	DESCRIPTION
E-SPS	6U Room Station Power Supply, Knockout Mount
E-SPS-DIN	16U DIN rail Station Power Supply with 24V Aux
E-SPM	16U DRd Station Power Module
E-SPM-A	16U DRd Station Power Module with 24V Aux
E-SPM-RM	16U Rack-Mount Station Power Module Aux
E-SPM-RM-A	16U Rack-Mount Station Power Module 24V Aux
E-SPM-WM	16U Wall-Mount Station Power Module
E-SPM-WM-A	16U Wall-Mount Station Power Module 24V Aux
E-APS	24V Aux Power Supply, Knockout Mount

ElahoTouch

MODEL	DESCRIPTION
ETS	ElahoTouch Controller

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
EPSLO	Lockout 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
EEL	Elaho-Echoflex Interface
ECII	Contact Input Interface
ECOI	Contact Output Interface
EDRI	Demand Response Interface
EBI	BACnet Interface

Zone Controllers

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

Room Controllers

MODEL	DESCRIPTION
ERM4-G2	Four Zone Room Controller
ERMCT4-G2	Four Zone Room Controller with TimeClock
ERM8-G2	Eight Zone Room Controller
ERMCT8-G2	Eight Zone Room Controller with TimeClock

Panel Products

MODEL	DESCRIPTION
ERP	Elaho Relay Panel Mains Feed
ERP-FT	Elaho Relay Panel Feed Through

PHYSICAL

Product Dimensions

MODEL	HEIGHT		WIDTH		DEPTH		WEIGHT	
	in	mm	in	mm	in	mm	lb	kg
EDMXC	3.5	90	3.0	76	1.0	25	0.22	0.10

