



GENERAL INFORMATION

A powerful addition to the Echo 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 EchoAccess or the Inspire Four-Button with Fader Station, the DMX Scene Controller allows for lighting hue, saturation and color to be modified locally or remotely.

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
- Works with EchoAccess™ and Inspire Four-Button with Fader Station for live control of intensity, hue and saturation of Echo zones
- Supports 32 presets of 512 DMX addresses
- Support for control of 16 patched Echo zones
- Basic and custom-use modes
- EchoConnect™: 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	Echo DMX Scene Controller

Mounting Accessories:

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

Related EchoConnect Power Supplies

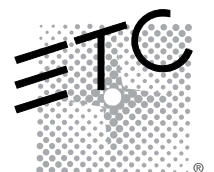
MODEL	DESCRIPTION
E-SPM-A	DRd Station Power Module with 24V Aux
E-SPM-WM-A	Wall-Mount Station Power Module with 24V Aux
E-SPM-RM-A	Rack-Mount Station Power Module with 24V Aux
E-SPS	Echo Station Power Supply, Knockout Mount
E-APS	24V Aux Power Supply, Knockout Mount

Compatible Stations and Sensors

MODEL	DESCRIPTION
ELS	Light Sensor
EOCC	Occupancy/Vacancy Sensor
E100X	Inspire Button Stations
E1104	Inspire Fader Stations
EPS05/ EPS10	Preset Stations
EPSLO	Echo Keyswitch Lockout Station
E-ATC	Echo TimeClock

Compatible Interfaces

MODEL	DESCRIPTION
EACC	EchoAccess™ Interface



SPECIFICATIONS**FUNCTIONAL**

- Recall prerecorded scenes for playback using DMX
- DMX input for snapshot recording up to 32 presets
- DMX output for up to 512 addresses
- Use any Unison Echo station for preset 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
 - RGB
 - RGBA
 - 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)

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 EchoConnect 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
- 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

PHYSICAL

Product Dimensions

MODEL	HEIGHT		WIDTH		DEPTH		WEIGHT	
	inches	mm	inches	mm	inches	mm	lbs	kgs
EMDXC	3.5	90	3.0	76	1.0	25	.22	.10

