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 customisation and control of individualised zones and fixtures. Combined with EchoAccess or the Inspire Four-Button with Fader Station, the DMX Scene Controller allows for lighting hue, saturation and colour to be modified locally or remotely.

APPLICATIONS
- Small theatres
- 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

REGULATORY AND COMPLIANCE
- CE compliant
- cULus Listed

ORDERING INFORMATION

Product

PART NO.	DESCRIPTION
7186A1111-1	Echo DMX Scene Controller for DIN-rail mount

Mounting Accessories:

PART NO.	DESCRIPTION
7186A1218	Echo Cover Kit for wall-mounting Scene Controller

Related EchoConnect Power Supplies

PART NO	DESCRIPTION
7186A1215	DRd Station Power Module with 24 V Aux
7186A1216	Wall-Mount Station Power Module with 24 V Aux
7186A1217	Rack-Mount Station Power Module with 24 V Aux

Compatible Stations and Sensors

PART NO.	DESCRIPTION
7186A1053-*	Light Sensor Controller with Light Sensor
7186A1030-*	Occupancy/Vacancy Sensor for large rooms
7186A1031-*	Occupancy/Vacancy Sensor for high ceilings
7186A1032-*	Occupancy/Vacancy Sensor for small rooms
7186A1001-*	Inspire 1-Button Station
7186A1002-*	Inspire 2-Button Station
7186A1004-*	Inspire 4-Button Station
7186A1006-*	Inspire 6-Button Station
7186A1008-*	Inspire 8-Button Station
7186A1104*	Inspire 4-Button w. Fader Station
7140A1106-*	5-button Preset Station
7140A1111-*	10-button Preset Station
7140A1112-*	Echo Keyswitch Lockout Station
7186A1000-*	Echo TimeClock Station

Compatible Interfaces

PART NO.	DESCRIPTION
7186A1114-*	EchoAccess Interface

Replace the suffix (-) with -1 for cream, -4 for black or -5 for signal white station faceplate colour

SPECIFICATIONS

FUNCTIONAL
- Recall pre-recorded 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, ColorSource 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 of control wiring
  - Up to 300 meters using Cat5
- MicroSD card slot for firmware maintenance

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 250 VAC
- Integrated DMX termination

THERMAL
- Ambient room temperature: 0–50° C
- Ambient humidity: 5–95% non-condensing

PHYSICAL

Product Dimensions

MODEL	HEIGHT	WIDTH	DEPTH	WEIGHT
	mm	mm	mm	kgs
EDMXC	90	76	25	.10

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