Product
Specifications

LYTEMODE® SYSTEM - DMX MASTER STATION

LIGHTOLIER® CONTROLS

ILSDMX45ES, ILSDMX85ES, ILSDMX125ES, ILSDMX165ES

LYTEmode®

Project:

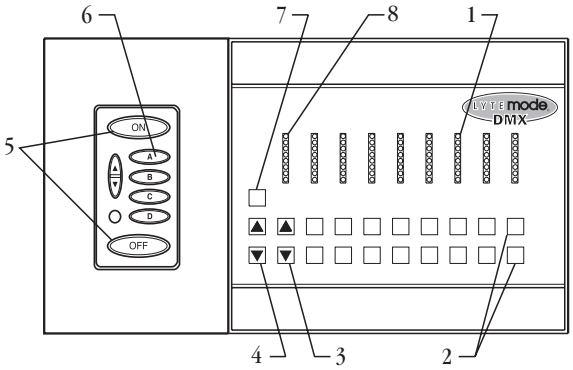
Location/Type:

Description

The Lytemode® System is designed to control architectural lighting by distributing both power and intelligence. The system provides processing power and control at each respective Master or Remote Station, eliminating the need for a central processor. The Lytemode DMX Master Station functions and communicates just as any standard Lytemode Master Station, providing individual control for up to 16 channels, along with master raise/lower control for all channels. Up to eight DMX Master Stations may be linked together for control of up to 128 channels. The DMX Master Station can be controlled and configured using the Lytescene® Touch Screen or any other device. The DMX512 functions are in parallel to the unit's Lytemode functions, operating in one of three DMX Modes: 1) Lytemode DMX Mode, 2) DMX Scene Capture Mode, and 3) DMX Submaster Capture Mode. In each mode, the unit also has the option of receiving a DMX512 signal and adding it to the transmitted DMX512 signal using Highest Takes Precedence (HTP).

Features

- Available in 4, 8, 12, and 16 Channels
- Up to 8 Masters may be linked together for control of up to 128 Channels
- 13 Scenes plus "Off"
- Individual Raise/Lower control for each channel
- Master Raise/Lower control for all channels
- Adjustable Fade Time from Instant to 60 minutes, with instant override
- Auto-Cycle mode for 5 scenes or 13 scenes
- Cinema Cycle triggers one-time scene sequence
- Lock presets or entire panel, from the Master or from a Remote
- Compatible with all Lytemode Remote Stations
- Includes rugged ABS screwless faceplate
- Available in 7 colors using optional Lytemode color kits
- Illuminated buttons with adjustable LED intensity
- Custom engraved keypads and faceplates available
- Powered from the Lytemode network
- Non-volatile memory retains settings in the event of power loss
- Made in USA



1. LED channel intensity indicators
2. Individual channel Raise/Lower pushbuttons
3. Fade Rate adjustment pushbuttons
4. Master channel Raise/Lower pushbuttons
5. Illuminated ON/OFF pushbutton
6. Illuminated Scene-Select pushbutton
7. SET (Learn) pushbutton
8. LED Fade Rate indicators

Lytemode® DMX Master Station

Model	Number of Channels	Number of Scenes
ILSDMX45ES	4	13 plus "Off"
ILSDMX85ES	8	13 plus "Off"
ILSDMX125ES	12	13 plus "Off"
ILSDMX165ES	16	13 plus "Off"

LYTEMODE® SYSTEM - DMX MASTER STATION

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The Lytemode® DMX Master Station shall provide individual control for each channel, and master raise/lower control for all channels. Channel intensity shall be indicated by an LED display. The Master Station shall provide adjustable fade times from instant to 60 minutes, and shall indicate fade time by an LED display. Up to eight Master Stations may be linked together for control of up to 128 channels.

Lytemode DMX Master Stations shall provide 13 scenes plus "Off." Scenes shall be selectable by illuminated push buttons on the Master Station, or by a Lytemode Remote Station. The DMX Master Station shall be capable of Auto-Cycling through scenes upon external trigger or activation of Cycle Mode.

Lytemode DMX Master Stations shall connect to the Lytemode network using shielded CAT5e cable. All data and power for the DMX Master Station shall be supplied on the network cable. The DMX Master Station shall contain on-board processing and firmware, and shall be capable of full operation without the use of a centralized processor. The DMX Master Station shall retain all settings in non-volatile memory, and shall return to previous state when power is restored.

The Lytemode DMX Master Station shall incorporate field replaceable, rugged ABS faceplates and doors, and shall be compatible with Lytemode Master Station Color Kits to conform with room aesthetics.

Lytemode DMX Master Stations shall be engineered and manufactured in the United States and shall include a three-year limited warranty.

Electrical Specifications:

- Input power: 24VDC, (powered from Lytemode network)
- Temperature
  - Storage: -25° to 40° C
  - Operating: 0° to 40° C
- EMC: Electromagnetic compatibility specifications are met when properly grounded
- ESD: 17 kV per IEC Publication 801-2 (1984)
- EMI/RFI: FCC, Class A

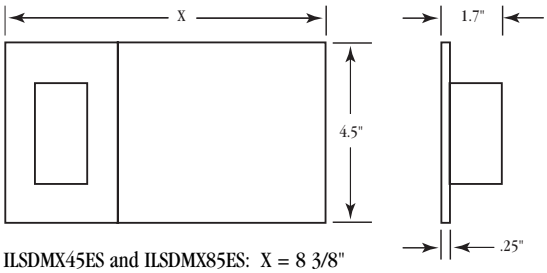
Finishes:

- Standard: White faceplate, door and white buttons
- Options: Color kits available in Ivory, Almond, Light Almond, Gray, Black and Brown
- Smoke Door Available

Backboxes:

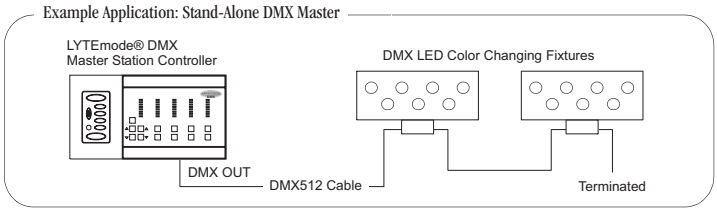
ILSDMX45ES and ILSDMX85ES: ILS-CLB8
ILSDMX125ES and ILSDMX165ES: ILS-CLB16

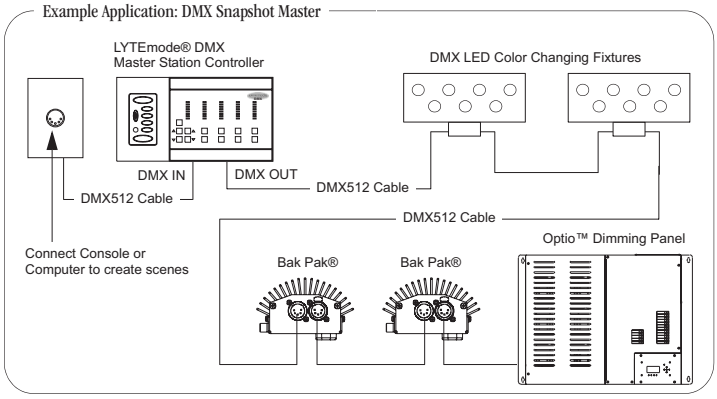
Dimensions

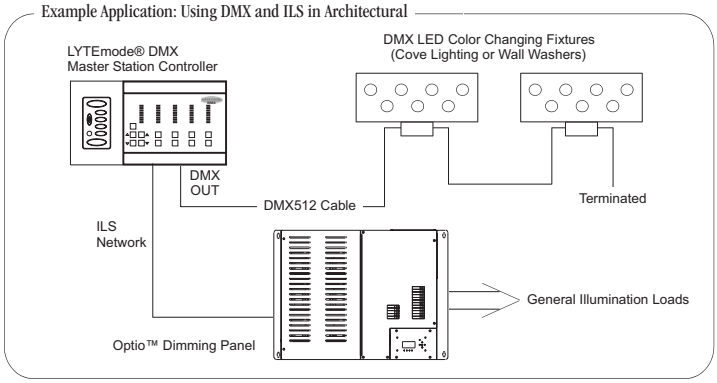


ILSDMX45ES and ILSDMX85ES: X = 8 3/8"
ILSDMX125ES and ILSDMX165ES: X = 11 1/8"

Example Applications







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www.lolcontrols.com P/N 87-0625A