A pioneer in entertainment lighting, Pathway Connectivity is renowned for solid, easy-to-use equipment with comprehensive, robust features. Our reputation for innovation and reliability is based on over thirty years commitment to enhancing the functions and interoperability of lighting systems around the world. For demonstration and training videos, visit our Pathway Connectivity YouTube Channel at www.youtube.com/pathwayconnectivity

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COMPLETE SOLUTIONS FOR SEAMLESS INTEGRATION OF CONTROLS & CONTROLLABLE PRODUCTS

THEATER

HOUSE OF WORSHIP

PRESENTATION SPACES

MULTI-PURPOSE FACILITIES

DANCE STUDIOS

PLACES OF PUBLIC ASSEMBLY

PATHWAY CONNECTIVITY
PRODUCTS USED IN THESE APPLICATIONS MAY INCLUDE COMPLETE SOLUTIONS FOR SEAMLESS INTEGRATION OF CONTROLS & CONTROLLABLE PRODUCTS

CIGNITO2

The theatrical controller that delivers up to four DMX512 universes using Task Oriented Navigation and Natural Language Control.

VIA5

The entertainment class PoE gigabit switch that connects and powers the controllers, remote stations and gateways.

CHOREO

All the power of Cognito2 and designed to fit a 3-gang wallbox, a 19” equipment rack or a tabletop consolette.

CHOREO NSB

PoE button and sliders that can command memories and macros on multiple controllers. Decora® form factor modules that can be arranged in one to six gang faceplates.

eDIN 1009

An essential building block in modern DMX512 distribution systems. Five bi-directional ports support E1.20 RDM responders and cascaded system layouts.

SNAP

An enclosure designed for today’s modern general illumination lighting fixtures that require intelligent management of power and 0-10v control signal distribution.

PATHPORT 1014

A compact PoE gateway for encoding, routing, decoding and merging DMX512/RDM data over an Ethernet lighting control network.
PATHWAY CONNECTIVITY

PRODUCTS USED IN THESE APPLICATIONS MAY INCLUDE

**Cognito²**
The theatrical controller that delivers up to four DMX512 universes using Task Oriented Navigation and Natural Language Control.

**Choreo**
All the power of Cognito² and designed to fit a 3-gang wallbox, a 19” equipment rack or a tabletop console.

**Choreo NSB**
PoE button and sliders that can command memories and macros on multiple controllers. Decora® form factor modules that can be arranged in one to six gang faceplates.

**VIA5**
The entertainment class PoE gigabit switch that connects and powers the controllers, remote stations and gateways.

**Pathport 1014**
A compact PoE gateway for encoding, routing, decoding and merging DMX512/RDM data over an Ethernet lighting control network.

**Snap**
An enclosure designed for today’s modern general illumination lighting fixtures that require intelligent management of power and 0-10v control signal distribution.

**eDIN 1009**
An essential building block in modern DMX512 distribution systems. Five bi-directional ports support E1.20 RDM responders and cascaded system layouts.
In this application, **Choreo** is performing several functions. Choreo is the master system processor where programming and playback for the space can be done manually or automatically if the time clock function is invoked. Choreo can be placed in to password-protected Wall Station Mode for the untrained user such as adjunct faculty, guest meeting planners and facilities personnel.

**Cognito2** is the hands-on live action lighting console for the theater. Multiple show files can be programmed and stored here for use in regularly scheduled and special events.

**VIA5** lives at the very heart of the Pathway Connectivity ecosystem. An entertainment class Gigabit Ethernet switch with advanced management features that support distribution of streaming data for audio, video and lighting control applications, VIA5 sources power to all the PoE devices in the system.

**Choreo NSB** stations are an industry first; they are PoE powered. With Choreo NSB, each button and each slider is a unique network entity allowing Button #1 to operate a memory or trigger an action on one controller and slider #4 can do likewise on a second controller. In an alternate mode, buttons can be configured to snapshot and replay four DMX512 universes of E1.31 Streaming ACN.

In this application, Ethernet control data is sourced from the Cognito2 and Choreo controllers and the **Pathport 1014 Gateway** routes all DMX512/RDM to the end devices in the system. Each port on the gateway can be configured to output a unique universe of DMX512 using control data from multiple sources and either merge (HTP) or prioritize each data slot.

The **eDIN 1009** card is a 4-port bi-directional DMX512/RDM Splitter. The THRU port supports a cascade of splitters to be installed in larger systems. Even when the current fixture schedule does not include E1.20 RDM responders, it is good design practice to use the 1009 card as the standard splitter because each port is fully isolated and future system upgrades may incorporate E1.20 RDM responders.

The **SNAP Lighting Control Panel** manages DMX512 control of single-pole line-voltage relays and control channels that source or sink 10VDC. Listed for UL924 applications, SNAP features a fully flexible soft patch.

Small and compact, **eDIN System Enclosures** enable systems to be built in bespoke configurations including VIA5 switches, eDIN interface cards and/or the DIN-mountable Pathport gateways. In this application, controllers and control interface devices are distributed throughout the venue and the need for bulky 19” equipment racks is eliminated.

Pathway Connectivity manufactures a complete line of **Modular Data Receptacles** used to connect plug-and-play devices to the system infrastructure. It is another way that we provide single-manufacturer accountability for everything from the controller, to the Ethernet switch, to the remote stations, to the gateways, including even the simple wall plates.

Typical of many theater spaces like our example here, visiting production companies want to operate their show lighting with a console they bring with them. Referred to as a “Guest Console” the system in this application makes use of a port on the Pathport Gateway set to function as an Input. The network is configured with a computer running **Pathscape Software** downloaded for free from the Pathway Connectivity web site.
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