Pathway®
Connectivity Solutions

LIGHTING CONTROL CONSOLE

COGNITO²™

PRODUCT OVERVIEW

Cognito²™ solves the complex task of programming shows that include incandescent dimmers, moving lights, and color-changing LED fixtures. Cognito 2 features a streamlined, natural language interface to guide you through selecting lights, adjusting their attributes, and recording reference libraries, memories and cues. Once programmed, the show is played back manually or by using show control, time code or scripting inputs.

FEATURES

- Up to 1024 channel outputs directly from console
- Output for optional 1080p HD external monitor
- No hard limits on number of memories, cues, chases or playbacks
- Pathport Protocol, ANSI E1.31 sACN, Art-Net KiNET
- Fanless, convection cooling means silent operation
- Natural language control uses "real-world" terms and labels instead of channel numbers and data-level values
- Continually maintained fixture library, currently with over 2500 commonly available, multiple-attribute lights
- Context-sensitive Help Overlays provide assistance without interrupting workflow
- Two playbacks, each with intensity fader, Go and Pause buttons
- More than 20 simultaneous virtual playlists or chases
- One external and three internal timecode clocks and astronomical or time clock event triggering
- Four pushbuttons for selection of Intensity, Color, Position and Shape attribute families
- Four pushbuttons access Release, Help, Edit and Record functions
- Free downloadable off-line editor (OLE) for Windows of Mac

SPECIFICATIONS

- PoE or regulated 12-24VDC power supply
- 24 watts maximum power consumption (reduced USB power capacity when running on PoE)
- Operating Conditions: 32°F-105°F (0°C to 40°C); 10-90% relative humidity, non-condensing

STANDARDS COMPLIANCE

- ANSI E1.11 DMX512-A R2013 / USITT DMX512 - 1990
- ANSI E1.31 streaming ACN
- IEEE 802.3af Power-over-Ethernet
- RS-232
- MIDI Show Control (MSC)
- MIDI Time Code (MTC)
- CE
- RoHS 2011/65/EU
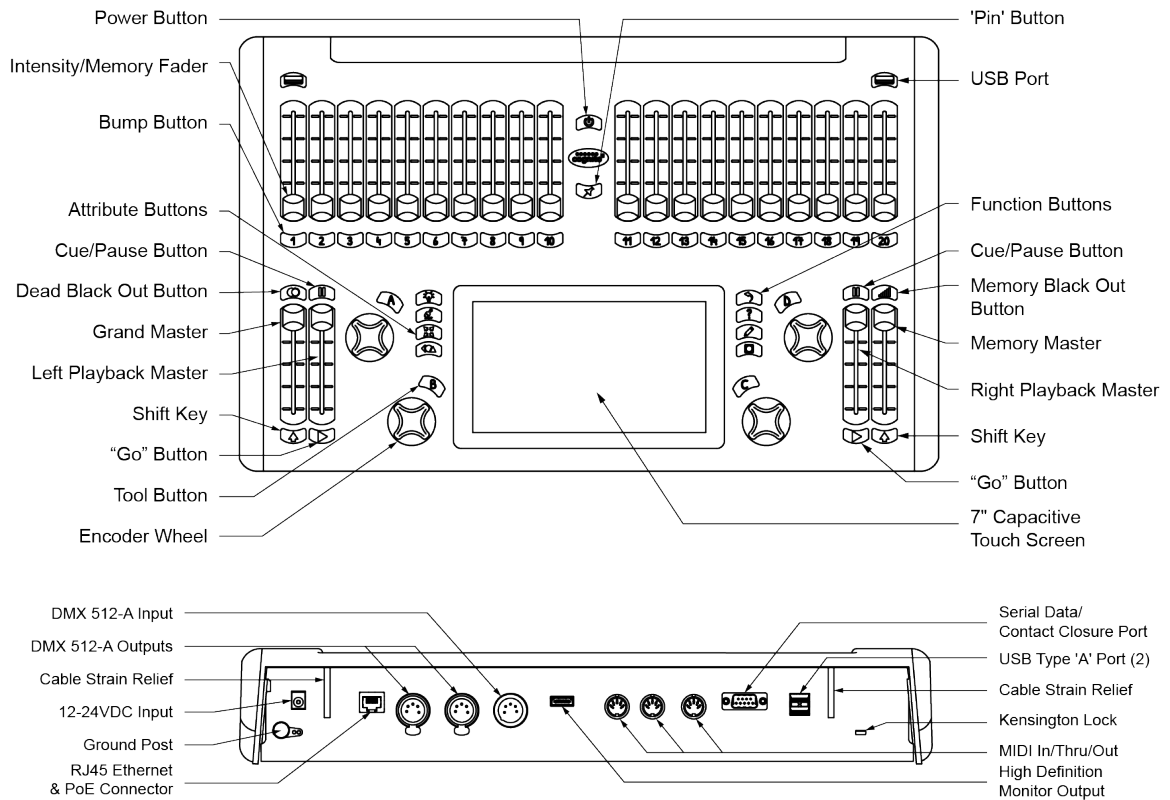- HD1080 - 1920x1080 external monitor support

WEIGHTS AND DIMENSIONS

- 8.0 lbs (3.63 kg)
- 18.3"W x 11.2"D x 3.1"H (46.5cm x 28.5cm x 7.9cm)

INCLUDED FURNISHINGS

- 24 Watt, 24VDC Power Supply
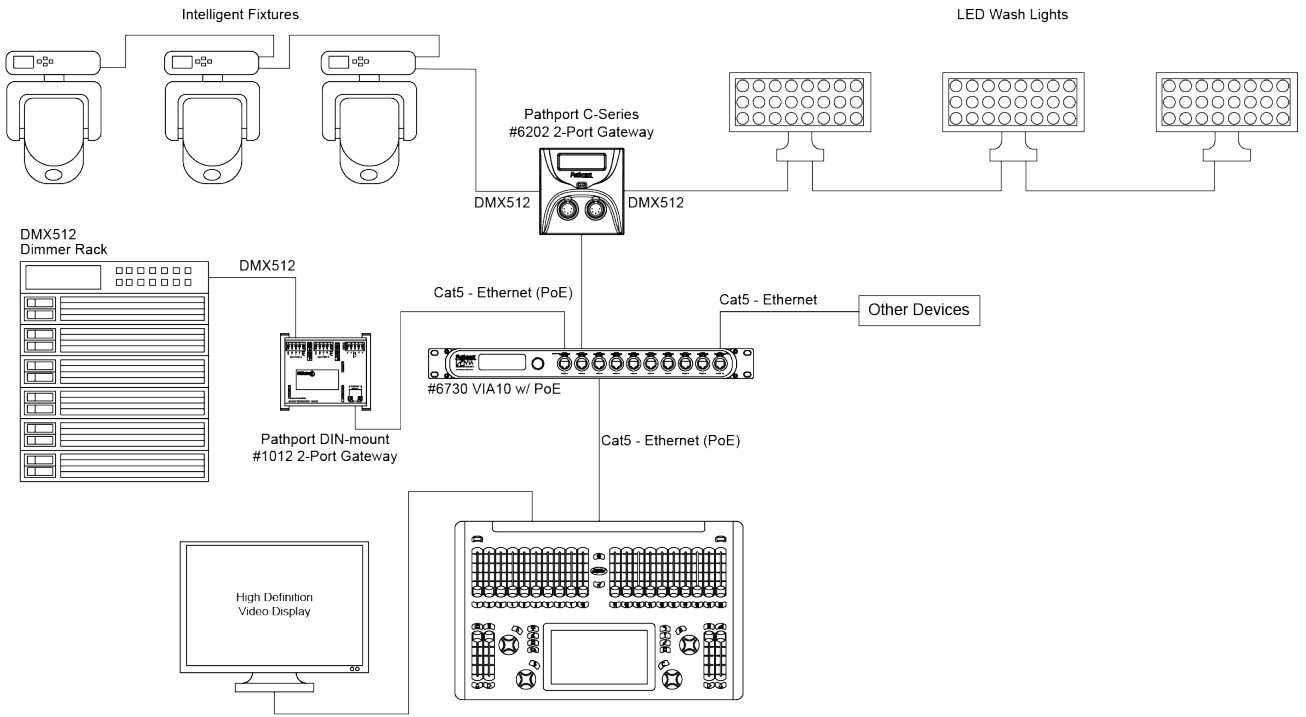- Dust Cover

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CONSOLE CONTROLS AND CONNECTIONS

Power Button
Intensity/Memory Fader
Bump Button
Attribute Buttons
Cue/Pause Button
Dead Black Out Button
Grand Master
Left Playback Master
Shift Key
"Go" Button
Tool Button
Encoder Wheel

'Pin' Button
USB Port
Function Buttons
Cue/Pause Button
Memory Black Out Button
Memory Master
Right Playback Master
Shift Key
"Go" Button
7" Capacitive Touch Screen

DMX 512-A Input
DMX 512-A Outputs
Cable Strain Relief
12-24VDC Input
Ground Post
RJ45 Ethernet & PoE Connector

Serial Data/ Contact Closure Port
USB Type 'A' Port (2)
Cable Strain Relief
Kensington Lock
MIDI In/Thru/Out
High Definition Monitor Output

MODEL/FEATURE COMPARISON

FEATURES	STARTER	PRO512	PRO1024
DMX Output Addresses	512	512	1024
Pathport Protocol	Yes	Yes	Yes
E1.31 sACN	Yes	Yes	Yes
Art-Net	Not Enabled	Yes	Yes
KiNET	Not Enabled	Yes	Yes
DMX512 Output Ports	1	2*	2
DMX512 Input Port	Not Enabled	Yes	Yes
MIDI Show Control/Timecode	Not Enabled	Yes	Yes
RS232 Serial/Telnet Support	Not Enabled	Yes	Yes
Contact Closure	Not Enabled	3	3
Time/Astronomical Schedule	Not Enabled	Yes	Yes
90-240VAC Power Supply	Yes	Yes	Yes
Dust Cover	Yes	Yes	Yes
Rackmount Adapter	Optional	Optional	Optional

* - Universe 1 repeated on both Output ports

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APPLICATION EXAMPLE

Cognito² - Pathport Application

Intelligent Fixtures

LED Wash Lights

Pathport C-Series
#6202 2-Port Gateway

DMX512   DMX512

DMX512
Dimmer Rack

DMX512

Cat5 - Ethernet (PoE)

Cat5 - Ethernet

Other Devices

#6730 VIA10 w/ PoE

Pathport DIN-mount
#1012 2-Port Gateway

Cat5 - Ethernet (PoE)

High Definition
Video Display

Cognito² - DMX512 Application

Intelligent Fixtures

LED Wash Lights

Pathway Modular
Receptacle (XLR5F)

Pathway Modular
Receptacle (XLR5F)

DMX512   DMX512

DMX512
Dimmer Rack

Pathway #4808
eDIN Installation
Reapeater

DMX512

Power
Supply

DMX512

High Definition
Video Display

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DIMENSIONS AND CONNECTIONS
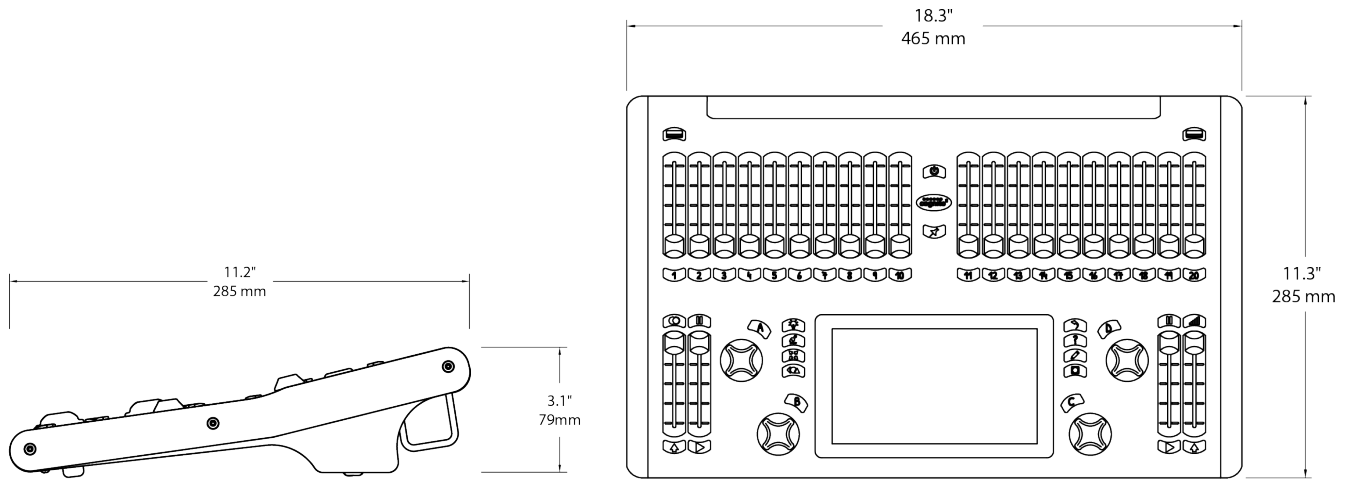
Rackmount Option
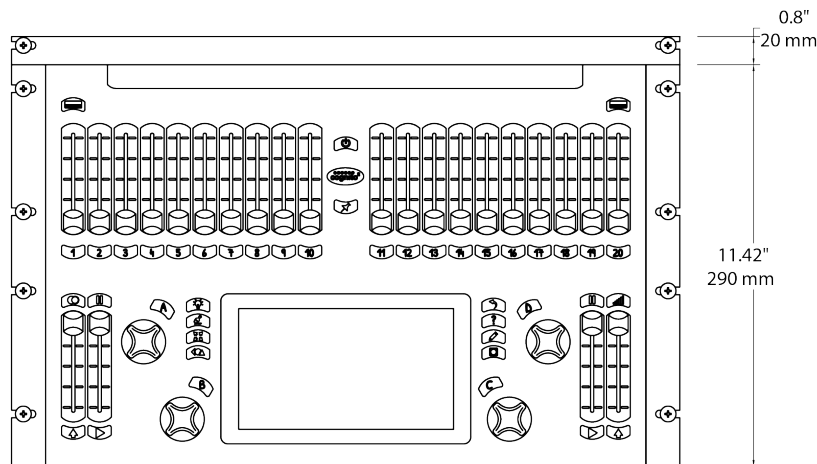
ORDERING INFORMATION

PART #	DESCRIPTION
0700-7111	Cognito² Console Starter c/w PSU and Dust Cover
0700-7112	Cognito² Console Pro512 c/w PSU and Dust Cover
0700-7113	Cognito² Console Pro1024 c/w PSU and Dust Cover
0700-7814	Upgrade, Cognito² Starter to Pro512
0700-7815	Upgrade, Cognito² Pro512, add 512 channels
ACCESSORIES	
0700-7901	Cognito Rack Mount Adapter
0700-7902	Cognito Dust Cover
100-024-24-WW	24 Watt, 24VDC Auxiliary Power Supply, Wallwart

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