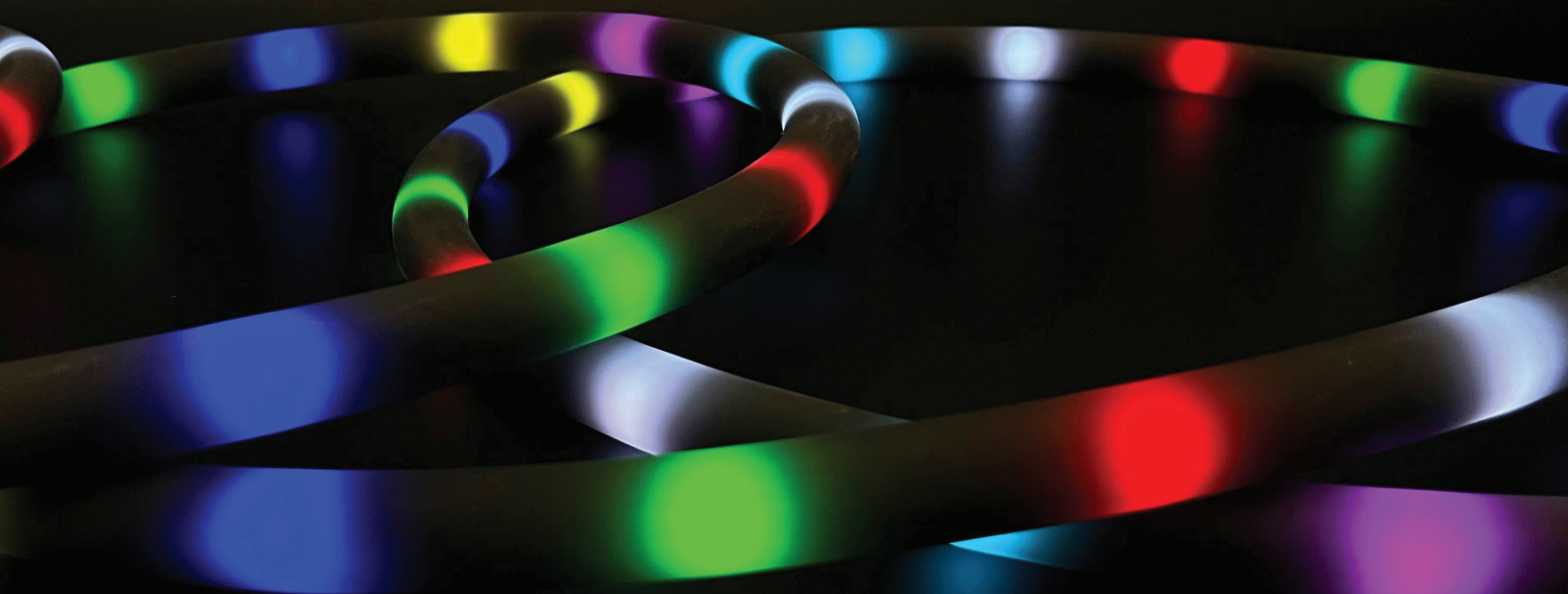
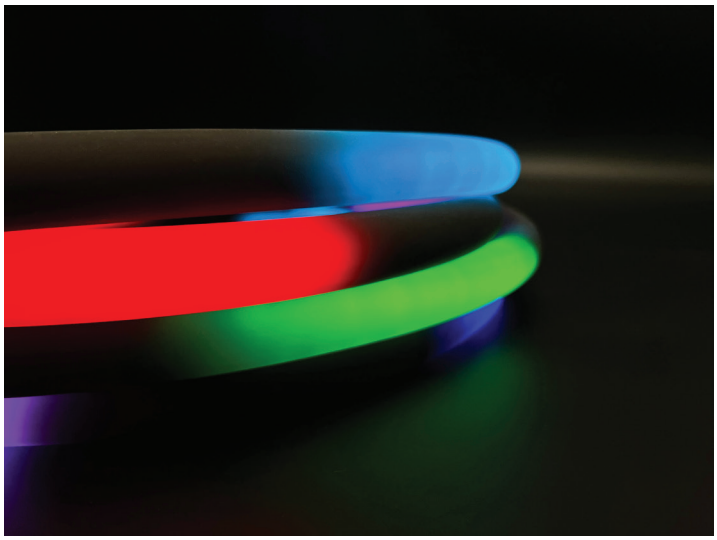
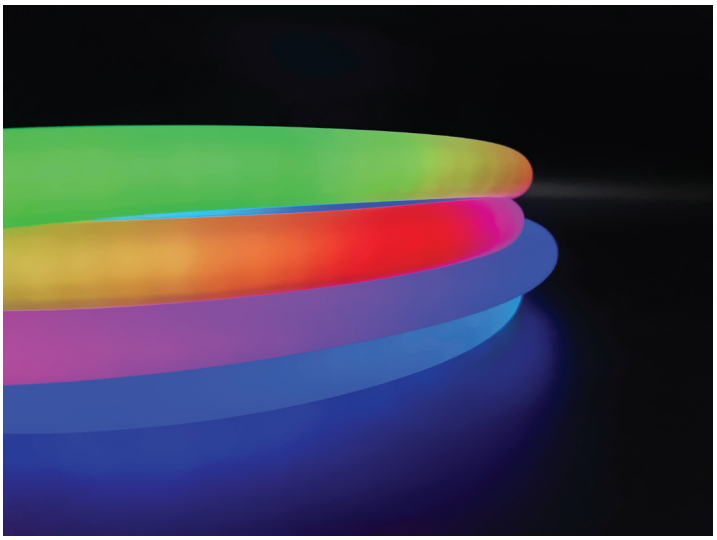
Flexile LG
MIDNIGHT





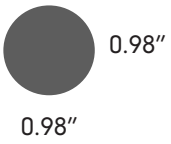


Project: _____ Type: _____

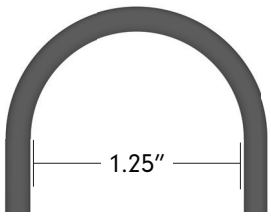
- Tivoli's Flexile has a new look! Flexile Midnight - with an all black jacket that reviles color when lit
- Compare to traditional neon 360° lighted surface illuminates uniformly without any shadowing
- High luminous efficiency with LM80 report
- Easily bend to any shape with superior flexibility
- UV Stabilized with food-grade environmental silicone housing (no yellowing or cracking)
- Resistance to saline solutions, acids, alkali, and corrosive gases
- Low Voltage 12V DC

Dimensions

Front Power Lead



Side Power Lead



NOTE: Total run length including power lead and fixture must not exceed 19′

Tivoli, LLC. reserves the right to modify this specification without prior notice.

Order Guide

PRODUCT CODE		PROFILE		POWER LEAD DIRECTION		LED COLOR		LENGTH		VOLTAGE
FLXM	-	**LG**	-		-	**RGB**	-		-	**12**
FLXM = Flexile Midnight 360° Light		**LG** = Large		**F** = Front **S** = Side		**RGB** = RGB mixing		**024** = 2′ **048** = 4′ **075** = 6′ 3″		**12** = 12V DC

For custom cut lengths consult factory for lead time and MOQ

Extra Lead Prep

FLX-XEP
Extra lead wire for extended length.
Sold per ft.

Specification

LED Intensity	Red	Green	Blue	White (All On)
Lumens (lm/ft)	10	30.4	7.62	45.73
Beam Angle	360°			
Electrical				
Dimming/Control	SPI			
Input Voltage	12V DC			
IC	WS2815			
Power Consumption (W/ft)	7.2			
Maximum Run Electrical	8′			
Maximum Run Data (1 Universe)	6′ 3″			
Physical				
LED Package	3838			
LED/ft	27			
Sleeve Color	Black			
Dimensions (DIA) Flexile	0.98″			
Cut Increments (factory cut only)	0.437″			
Bend Radius	1.25″			
Material (Flexile)	Flame, UV, Solvent, Saltwater Resistant Silicone			
Storage Temperature	-25°C / -13°F ~ +60°C / +140°F			
Working Temperature	-20°C / -4°F ~ 50°C / +122°F			
Certification and Testing				
Certification	cULus, CE, RoHS			
Environment	Damp/Wet rated fixture only			
IP Rating	IP65 rated fixture only			
Rated Hours (TM80)	70000 hrs.			
Warranty	5 Years			

Tivoli, LLC. reserves the right to modify this specification without prior notice.

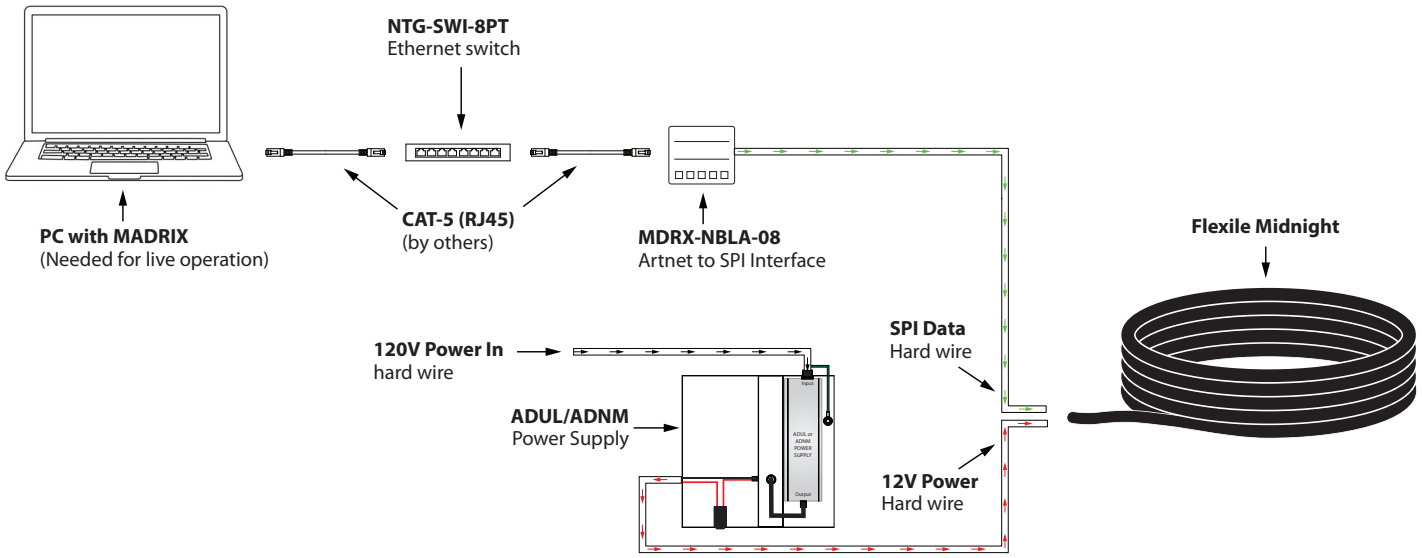
Copyright © Tivoli 06/17/26

www.tivolilighting.com tel: 714-957-6101 fax: 714-427-3458

Data Operation & Wiring Diagram Artnet to SPI ON-LINE operation

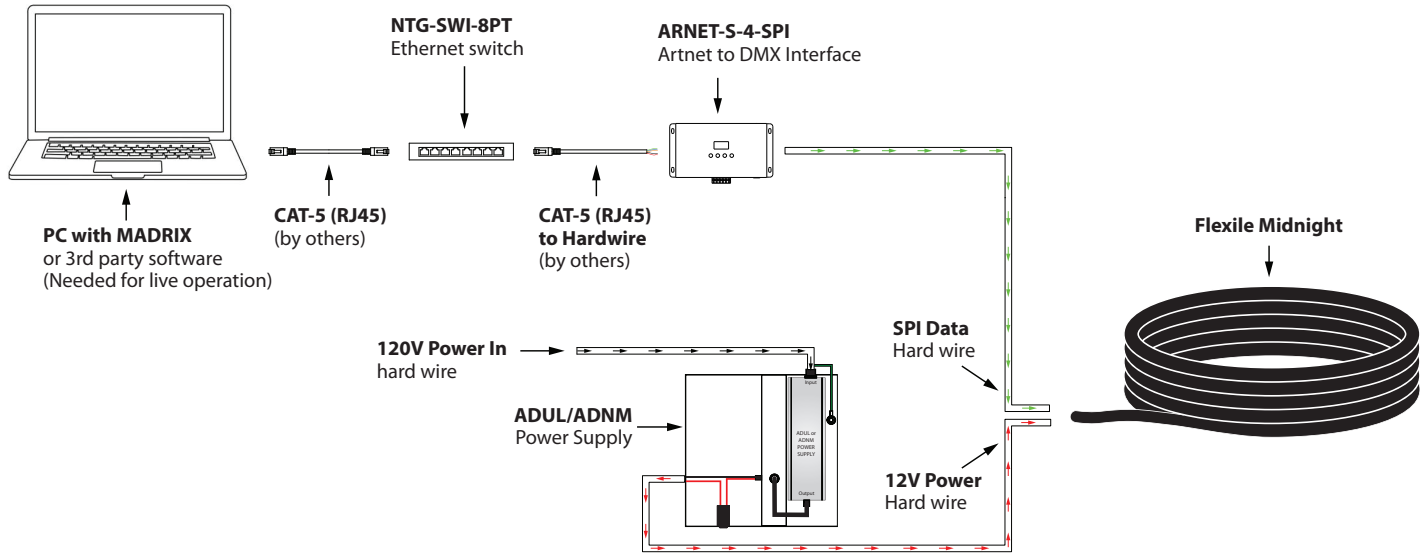
MDRX-NBLA (Live)

This is a live control performance setup using the MDRX-NBLA-XX interface. Widely used for concerts or performance-based manipulation. Use of a live network is necessary for communication between MADRIX 5 software and Flexile Midnight.



ARTNET-S (Live)

This is a live control performance setup using the ARTNET-S-X-SPI interface. Widely used for concerts or performance-based manipulation. Use of a live network is necessary for communication between MADRIX 5 software and Flexile Midnight.

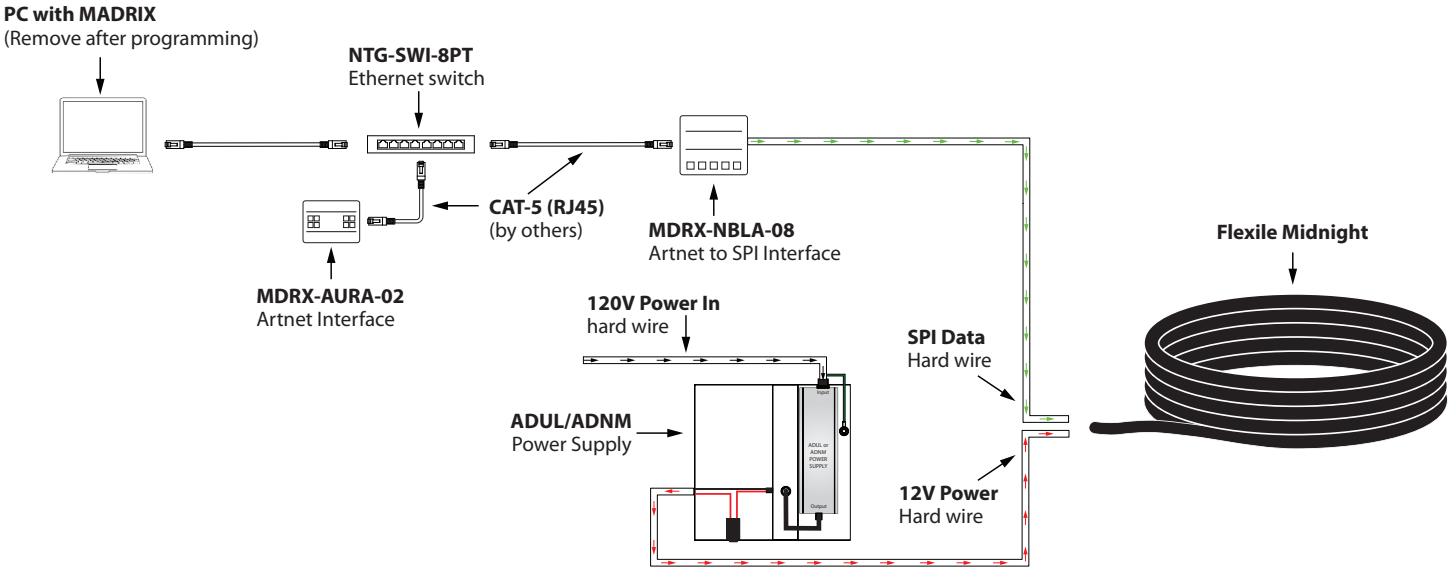


Tivoli, LLC. reserves the right to modify this specification without prior notice.

Data Operation & Wiring Diagram Artnet to SPI OFF-LINE operation

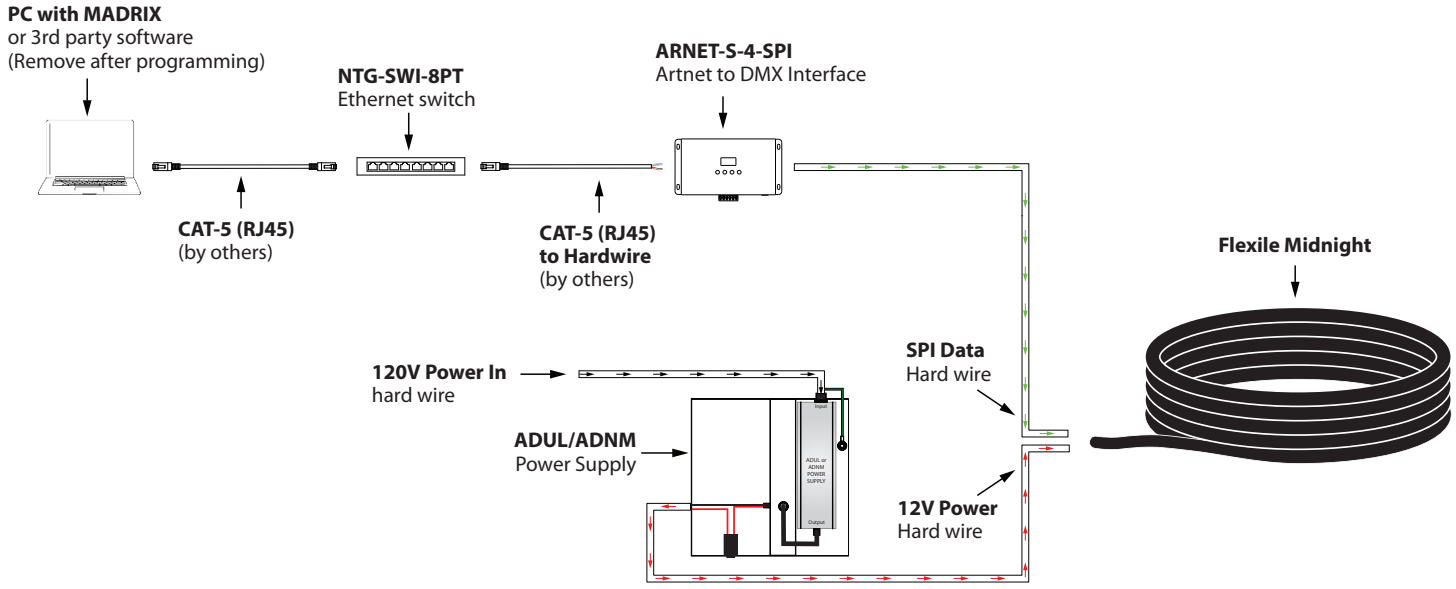
MDRX-AURA (Preset)

A stand-alone system with no need for support via network/software (MADRIX 5). Once scene playback is saved to AURA hardware via lighting software, PC/network can be removed form the system using only the AURA hardware to control playback. Please refer to the AURA specification for setup/record information.



ARTNET-S (Preset)

A stand-alone system with no need for support via network/software (MADRIX 5). Once scene playback is saved to ARTNET-S hardware via lighting software, PC/network can be removed form the system using only the ARTNET-S hardware to control playback. Please refer to the ARTNET-S specification for setup/record information.

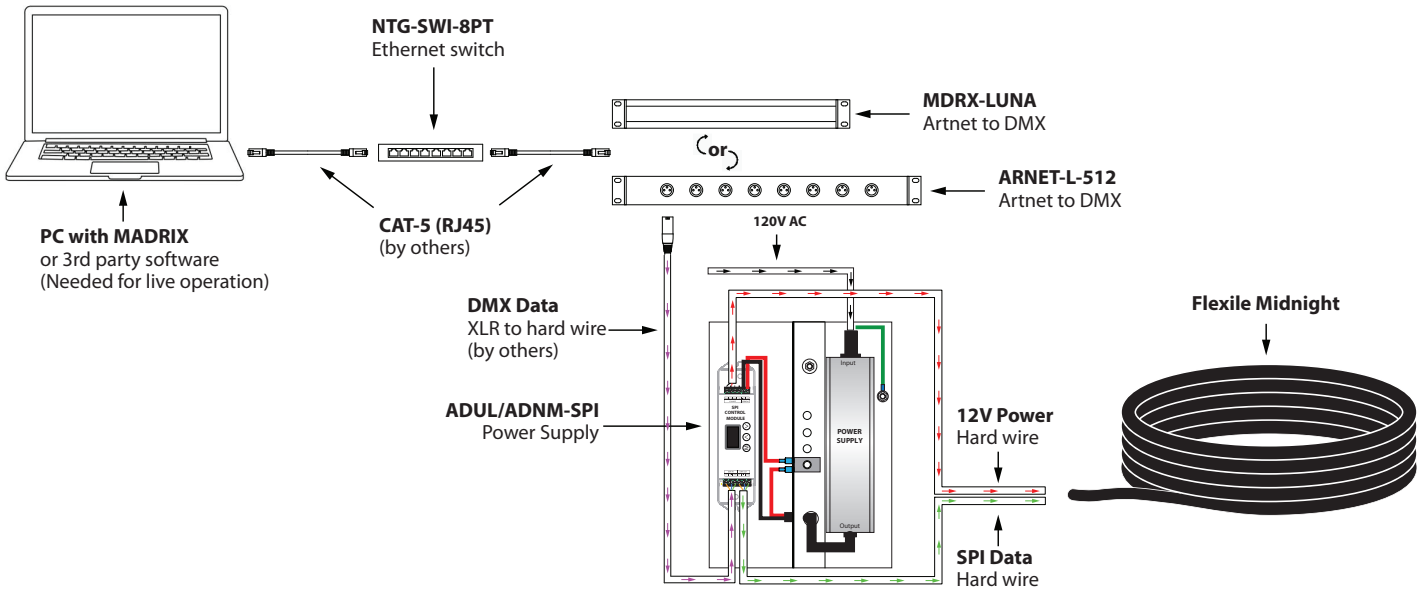


Tivoli, LLC. reserves the right to modify this specification without prior notice.

Data Operation & Wiring Diagram DMX to SPI ON-LINE operation

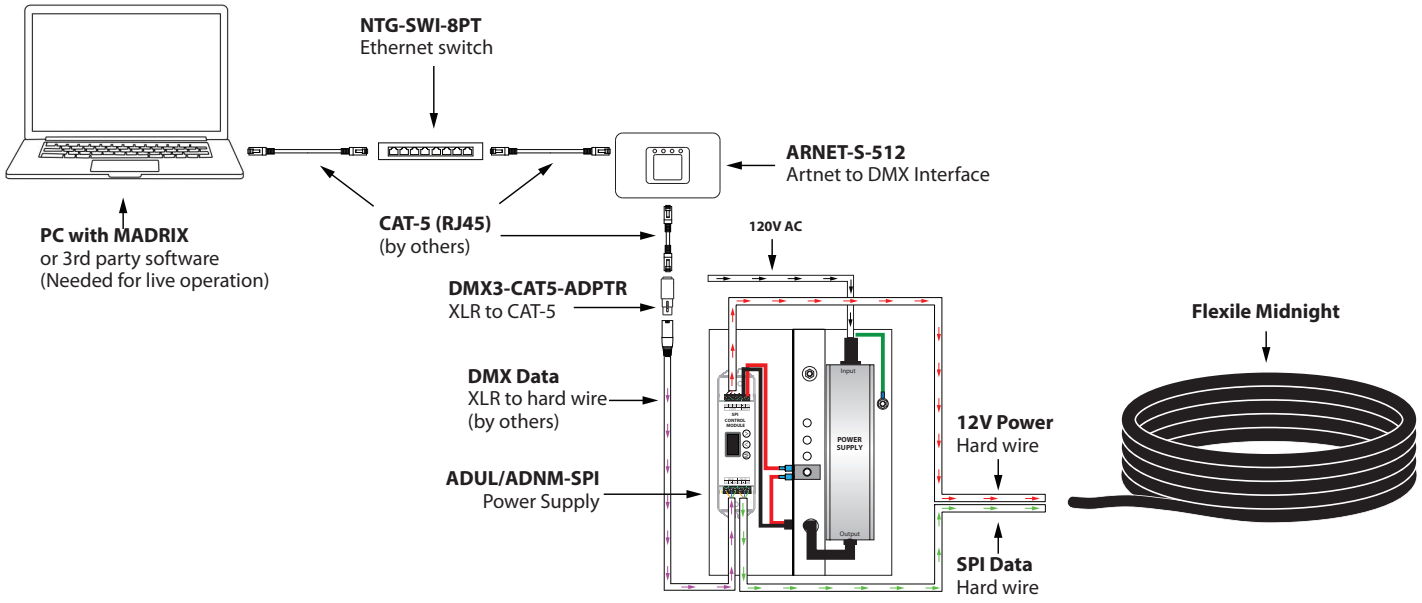
MDRX-LUNA or ARTNET-L (Live)

This is a live control performance setup using the MDRX-LUNA-XX or ARTNET-L-XX-512 interface. Widely used for concerts or performance-based manipulation. Use of a live network is necessary for communication between MADRIX 5 software and Flexile Midnight.



ARTNET-S (Live)

This is a live control performance setup using the ARTNET-S-X-512 interface. Widely used for concerts or performance-based manipulation. Use of a live network is necessary for communication between MADRIX 5 software and Flexile Midnight.

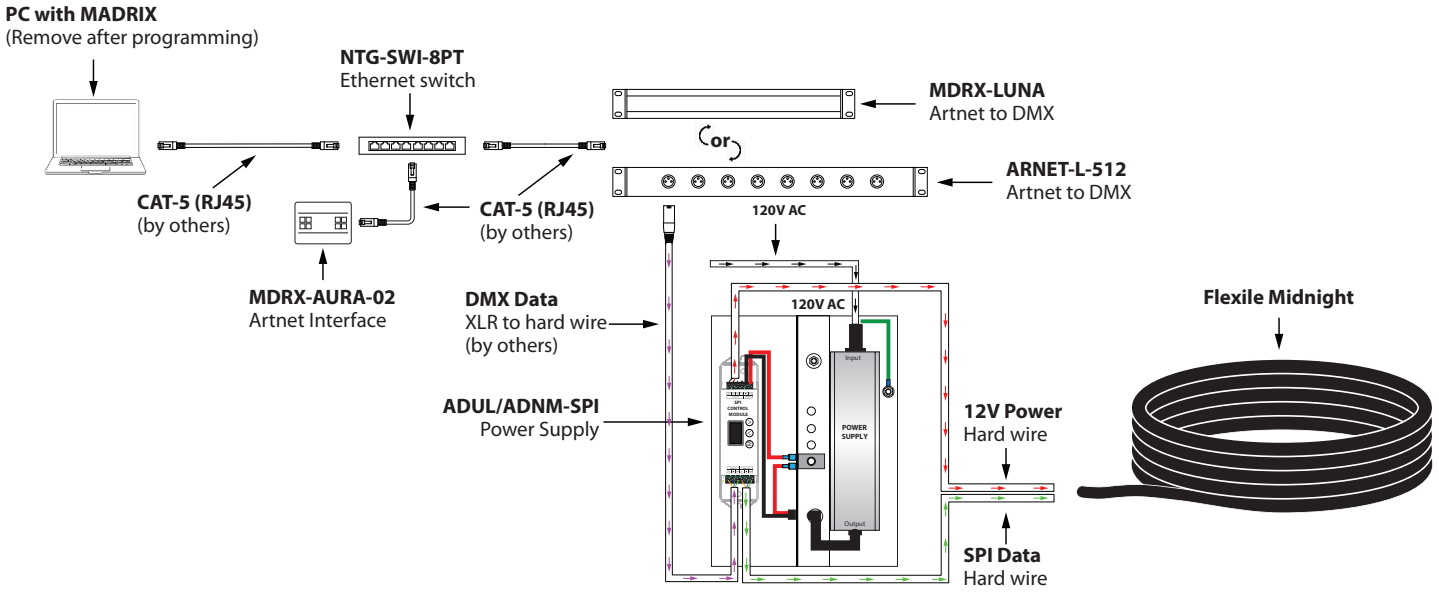


Tivoli, LLC. reserves the right to modify this specification without prior notice.

Data Operation & Wiring Diagram DMX to SPI OFF-LINE operation

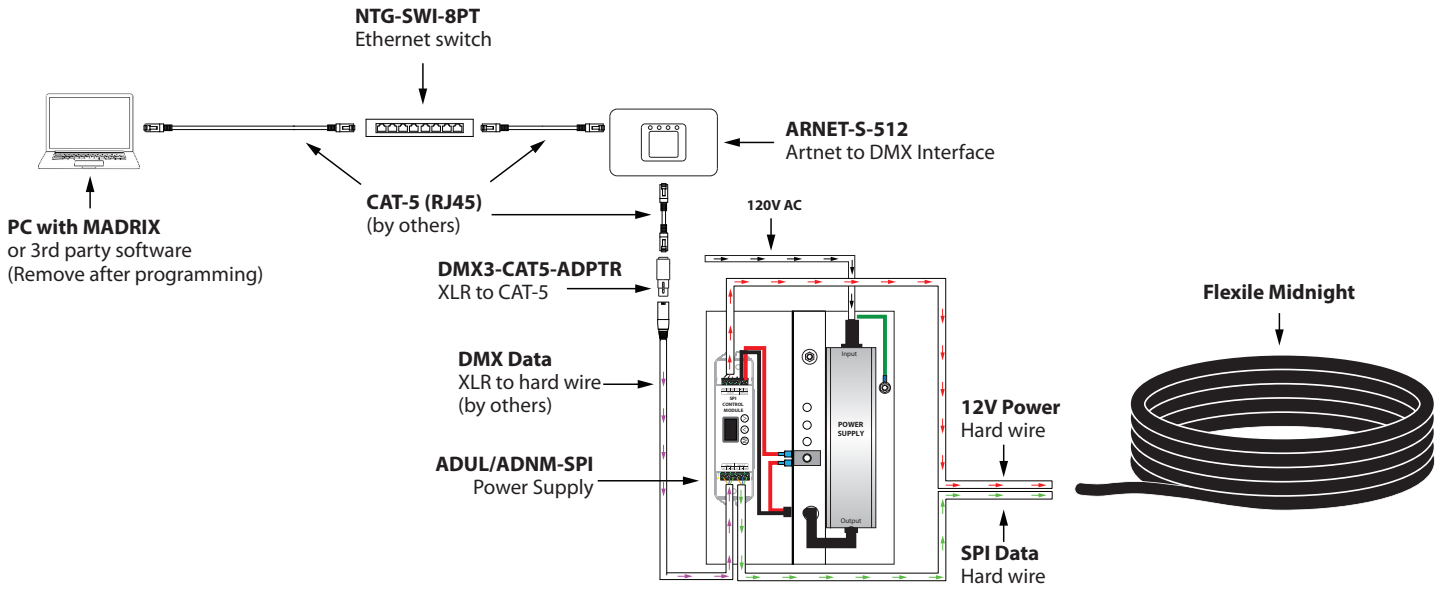
MDRX-LUNA or ARTNET-L (Preset)

A stand-alone system with no need for support via network/software (MADRIX 5). Once scene playback is saved to AURA hardware via lighting software, PC/network can be removed form the system using only the AURA to control playback. Integrate with MDRX-LUNA or ARTNET-L for DMX system. Please refer to the AURA, MDRX-LUNA or ARTNET-L-512 specification for setup and record information.



ARTNET-S (Preset)

A stand-alone system with no need for support via network/software (MADRIX 5). Once scene playback is saved to ARTNET-S-X-512 hardware via lighting software, PC/network can be removed form the system using only the ARTNET-S-X-512 to control playback. Please refer to the ARTNET-S-512 specification for setup and record information.



Tivoli, LLC. reserves the right to modify this specification without prior notice.

Controls

ARTNET-S-8-512
8 port universe Artnet to DMX interface, 4096 DMX channels
Programmable for playback and
live support
(Online or Offline option)

MDRX-AURA-XX
X = **02, 12, 32** (ports)
MADRIX Aura is a stand-alone controller for up to 2, 12, or 32 universes per unit

MDRX-NBLA-08
Up to 8 universes. SPI decoder receives control over ethernet network or USB delivering zero lag to your fixture

ARTNET-S-X-SPI
X = **4** (4 port), **8** (8 port)
Artnet to SPI interface.
Programmable for playback and live support
(Online or Offline option)

Network Hardware

MDRX-LUNA-XX
XX = 04, 08, 16 (ports)
MADRIX Luna 4, 8, 16 port universe Artnet to DMX interface 16 port 8192, 8 port 4096, 4 port 2048 DMX channels

ARTNET-L-XX-512
XX = 8, 16 (ports)
8 or 16 port universe Artnet to DMX interface,
16 port 8192 DMX channels
8 port 4096 DMX channels

NTG-SWI-XXPT
XX = **8** (8 Port), **16** (16 Port)
NETGEAR 16-Port gigabit Unmanaged Switch

DMX3-F-CAT5-ADPTR
DMX adapter
3-pin XLR female to RJ45

Key & Software Levels

PRODUCT CODE		CONTROL		5 KEY & SOFTWARE LEVEL
MDRX	-	LC	-	
MDRX = MADRIX		LC = Lighting Control		5S = Start Level 5E = Entry Level 5B = Basic Level 5P = Professional Level 5U = Ultimate Level 5M = Maximum Level

MADRIX KEY

A USB dongle unlocks the software's full output. You can freely switch between different PCs as it is not bound to a specific one. It only needs to be activated online once.

MADRIX 5 LICENSE UPGRADES

You can easily upgrade your MADRIX 5 KEY to any higher license at any time, increasing the available output.

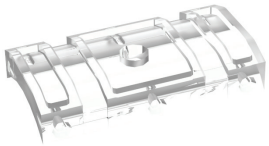
Level	START	ENTRY	BASIC	PROFESSIONAL	ULTIMATE	MAXIMUM
MADRIX 5 Order Code	MDRX-LC-5S	MDRX-LC-5E	MDRX-LC-5B	MDRX-LC-5P	MDRX-LC-5U	MDRX-LC-5M
DMX-Based Output						
DMX Channels	1,024	4,096	16,384	65,536	262,144	1,048,576
DMX Universe Example	2	8	32	128	512	2,048
RGB Voxels Example	341	1,365	5,461	21,845	87,381	349,525
DVI-Based Output						
DVI Voxels	4,096	16,384	262,144	1,048,576	2,097,152	2,097,152
Render Resolution (Pixel x Pixel)	64 x 64	128 x 128	512 x 512	1,024 x 1,024	2,048 x 1,024	2,048 x 1,024

Tivoli, LLC. reserves the right to modify this specification without prior notice.

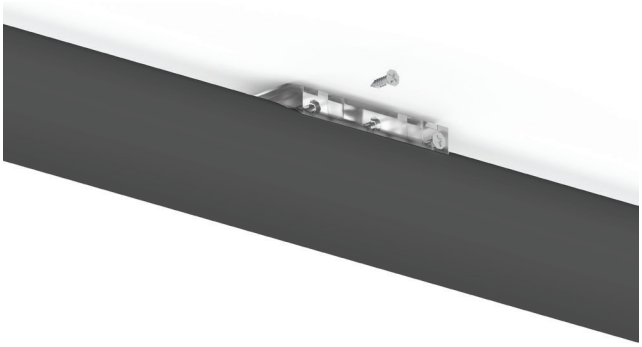
Copyright © Tivoli 06/17/26

www.tivolilighting.com tel: 714-957-6101 fax: 714-427-3458

Mounting Options



FLX-LG-MTBK-LP
Clear, low-profile polycarbonate bracket for surface mount application
Includes: (2) brackets, (14) nails, and (5) zip ties



FLX-LG-MTBK-SEMICIRCLE-BK
Metal Black Finish Mounting Bracket
Includes: (2) bracket sets, (2) set screws and hardware

FLX-LG-JOINR-CIR-BK
Black Metal Joiner bracket
Can be coupled with telescoping arm for an circular overhead application
Includes: (1) bracket and hardware

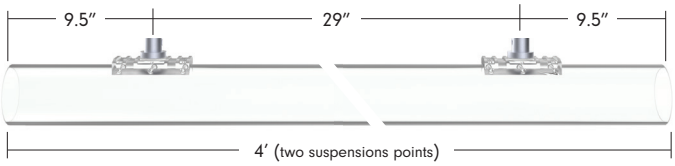
FLX-LG-TEL-MTBK-1-BK
Black telescoping bracket with clear tube clip. Bracket extends to maximum length of 24" and a minimum of 13". Achievable Flexile bend radius of 15" with a recommended on-center spacing of 15" of each bracket. Includes: (1) extension bracket and hardware

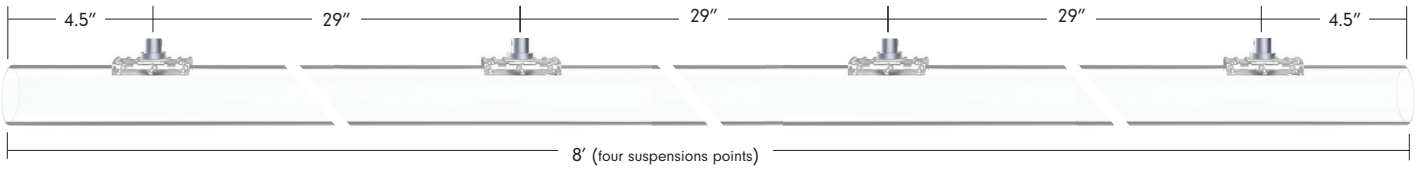
FLX-LG-SUS-MTBK-1
72" suspension cable with mounting hardware. Includes a 1.5" clear polycarbonate tube for uninterrupted 360 light distribution.

Tivoli, LLC. reserves the right to modify this specification without prior notice.

Mounting Options

FLX-LG-H-X-PNDT
X = 4 (46″), 8 (96″')
Horizontal clear polycarbonate tube includes two 72″ cables and hardware for 4′, and four 72″ cables and hardwire for 8′

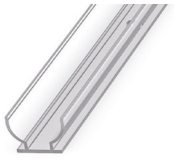




FLX-LG-CL-CLIP
PC clip closed 1
Mount spacing 15″
Bend diameter 2.5″
sold each

FLX-LG-CL-CHAN
PC channel closed 6.5
Bend diameter 2.5″'
sold each

FLX-LG-OP-CLIP
PC clip open 2.36″
Mounting spacing 15″
Bend diameter 3″
*sold each



FLX-LG-OP-CHAN
PC channel open 6.5′
Bend diameter 3″
*sold each

FLX-LG-EC-BK
Metal End Cap
Black finish
sold each

Tivoli, LLC. reserves the right to modify this specification without prior notice.
Copyright © Tivoli 06/17/26

www.tivolilighting.com tel: 714-957-6101 fax: 714-427-3458

Mounting Layout

Tivoli, LLC. reserves the right to modify this specification without prior notice.

Power Supplies Indoor

ADUL - SPI CONTROL

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
ADUL Series Class 2 Transformer	ADUL-60-1-5-12-SPI	Indoor or Damp	100-277V AC 50/60 HZ	12V DC	1	60W	5A
	ADUL-150-2-5-12-SPI-2				2	2x60W	2x5A
	ADUL-240-3-5-12-SPI-3				3	3x60W	3x5A
	ADUL-320-4-5-12-SPI-4				4	4x60W	4x5A

ADUL - NON DIMMING

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
ADUL Series Class 2 Transformer	ADUL-80-1-5-12-D	Outdoor or Indoor	100-277V AC 50/60 HZ	12V DC	1	60W	5A
	ADUL-150-2-5-12-D				2	2x60W	2x5A
	ADUL-240-3-5-12-D				3	3x60W	3x5A
	ADUL-320-4-5-12-D				4	4x60W	4x5A

Power Supplies Outdoor / Indoor

ADNM - SPI CONTROL

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
ADNM Series Class 2 Transformer	ADNM-60-1-5-12-SPI	Outdoor or Indoor	100-277V AC 50/60 HZ	12V DC	1	60W	5A
	ADNM-150-2-5-12-SPI-2				2	2x60W	2x5A
	ADNM-240-3-5-12-SPI-3				3	3x60W	3x5A
	ADNM-320-4-5-12-SPI-4				4	4x60W	4x5A

ADNM - NON DIMMING

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
ADNM Series Class 2 Transformer	ADNM-60-1-5-12-D	Outdoor or Indoor	100-277V AC 50/60 HZ	12V DC	1	60W	5A
	ADNM-80-1-5-12-D				1	80W	5A
	ADNM-150-2-5-12-D				2	2x60W	2x5A
	ADNM-240-3-5-12-D				3	3x60W	3x5A
	ADNM-320-4-5-12-D				4	4x60W	4x5A

Tivoli, LLC. reserves the right to modify this specification without prior notice.