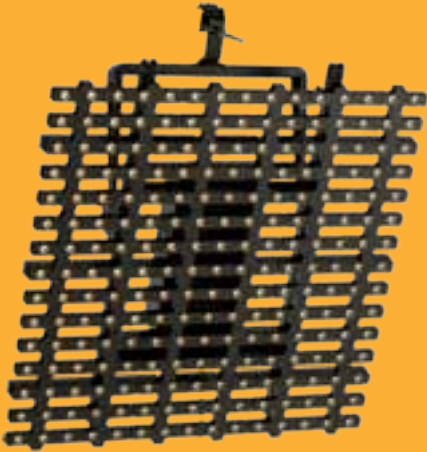


# elidy the led screen



by  
chromleech



## ***Elidy in a nutshell***

*Elidy is nothing less than the world's first LED matrix fixture capable of projecting volumetric graphics. Elidy combines high-output, calibrated, warm white LEDs with custom optics to generate extremely narrow beams which far exceed the intensity of standard LED screens. When assembled together Elidy panels form a unique LED wall capable of projecting light and can be arranged into screens, columns or three-dimensional shapes as required, and programmed to provide projection effects.*

*Elidy is modular in form, based around a panel of 25 (5 x 5) very high power LEDs which are driven by state of the art electronics. Up to 9 Elidy panels can be run off one power supply unit and assembled to form a screen of up to 225 LEDs (1sqm). These screens can then be rigged side by side to form larger projection areas.*

*The latest addition to the Elidy range, the Elidy-Strip, is an LED striplight composed of either 5 or 15 LEDs. It incorporates all the technology and functionality of the Elidy panels but with a few revolutionary new developments.*

*An accelerometer-based system means Elidy Strip can automatically detect its own orientation (vertical or horizontal) in a rig and adapt its programming to match, thus simplifying the programming process. More exciting still, and unique to Chromlech Elidy Strip, each fixture has new on-board Addressing Technology which works by touch to set the DMX/pixel address for every fixture in turn. Technicians and designers are going to love this fast and ingenious way of setting up their complex systems.*

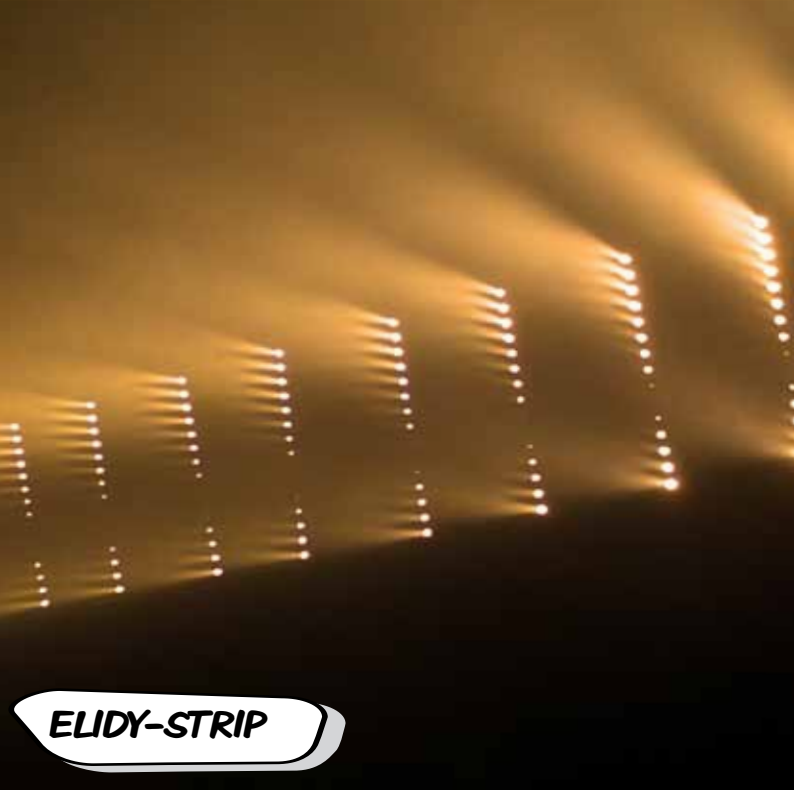


***Accelerometer-based system***

## ***Astonishing dimming capability***

*Due to its revolutionary LED driver design, Elidy is the only product of its kind to offer perfectly smooth dimming over the complete dimming range. Elidy's patented system implements proprietary wide-range, ultra-fine dimming that allows extremely smooth dimming over 100,000 imperceptible steps with absolutely no cut out or stepping when fading up or down. Elidy's dimming mimics traditional tungsten sources in a way that makes it perfectly suitable for use in theatre or studio alike where such high LED dimming quality is necessary.*





**ELIDY-STRIP**



**ELIDY-S**



**ELIDY-BIG**



**ELIDY-WALL**

# Elidy integral Data

## Data management through DMX, ArtNet and sACN

Elidy implements a very advanced, though intuitive and user-friendly, pixel-mapping interface (the Pixel Engine) that makes it perfect for creating truly Funky animations, from the simplest to the most complex. Data management is handled using conventional DMX daisy-chaining, but also, more unusually, via unique ArtNet daisy-chaining which is both simpler and faster than conventional star-shape cabling. Last but not least, Elidy has full sACN networking capabilities, very useful for the smooth handling of big lighting systems with complex data networks.



## Animation Maker

Elidy integrates Animation Maker, a powerful GIF sequencer which controls Elidy like a moving light using the minimum number of DMX channels. Effects such as dimming, shuttering, iris and strobe effects can be brought into play and combined with two banks of animated GIF images. The software includes 130 factory-set GIFs with room for the addition of 40 customised GIFs.



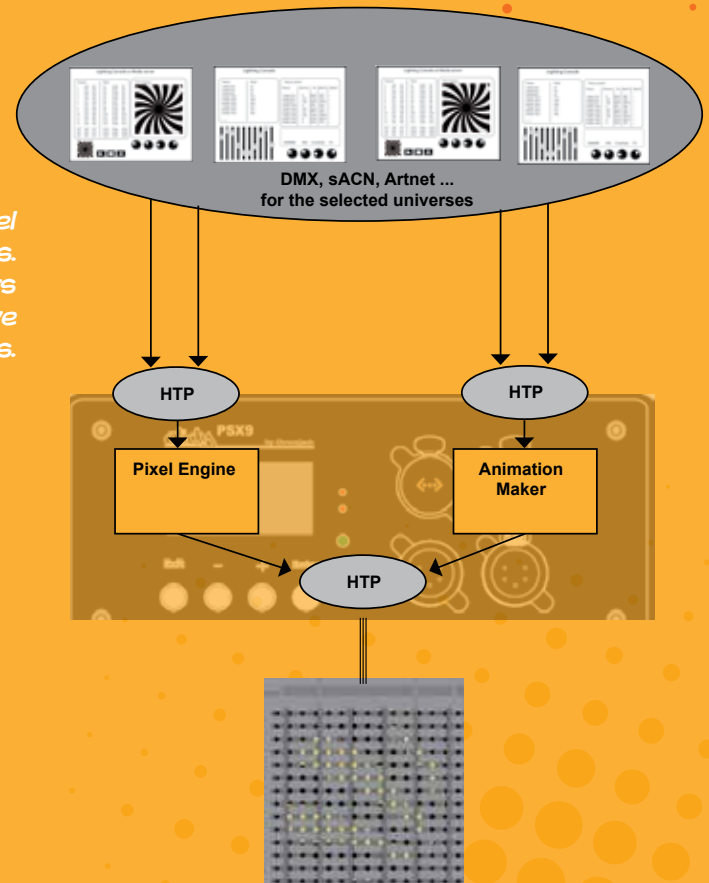
Anim. modes		Parameter Name	DMX Chan
14 Ch mode	4 Ch mode	2 Ch Dimmer	1
		Dimmer Fine	2
	Shutter	3	
	Iris	4	
	Mixer A/B	5	
	Mixer Type	6	
	Bank A	7	
	Bank A Speed	8	
	Bank B	9	
	Bank B Speed	10	
	Symmetry	11	
	Effect	12	
	Effect Value	13	
	Fade Out	14	

# management system



## Multi-source control mode

Animation Maker can be controlled independently from Pixel Engine effectively creating two separate media engines. Control of each is via DMX or ArtNet and now sACN, each with its own network feed. Not only that but each of them can receive signals from a combination of any two of the three protocols.



# Elidy range overview

**ELIDY-STRIP 5**



**PX108**

**ELIDY-STRIP 15**



**PX109**

**ELIDY-S**



**PX101**

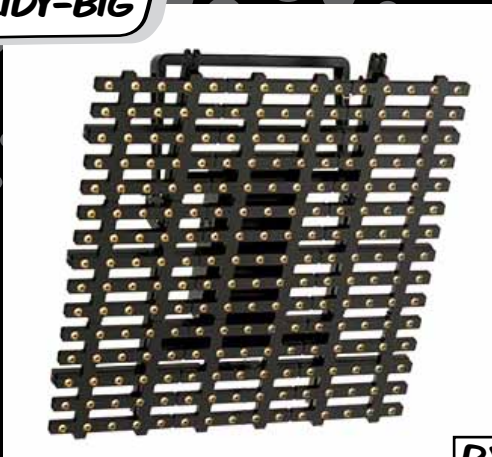
**ELIDY-T**



**PX107**

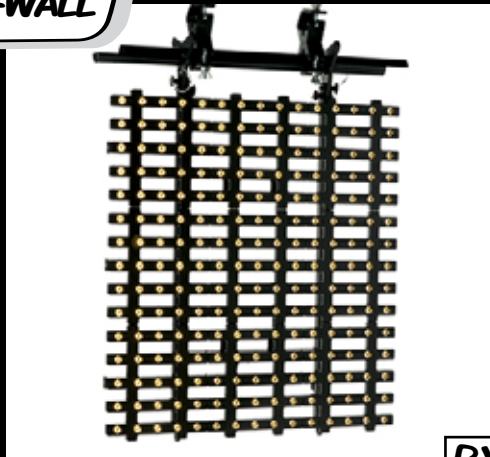
**ELIDY-BIG**

(!) PX104 included



**PX102**

**ELIDY-WALL**



**PX103**

# Power supply unit

**PSX9**



**PX104**



*The PSX9 is common to all products within the Elidy range. It is controlled via DMX or Ethernet (Artnet, sACN) and can be daisy-chained with other PSX9.*

*With its 2-in-1 design, the PSX9 can drive Elidy projectors in Pixel Engine mode (Chromlechl's pixel mapping mode) but also using the Animation Maker, a powerful tool that enables the user to program the Elidy projector in the same way as a moving light (iris, strobe, animated GIFs, etc).*

*The connection between projectors is made via hybrid cables POWER/DATA (3 x XLR-4 pins connectors).*

*The PSX9 is able to Feed :*



*1 Elidy-Big or Wall  
9 Elidy T or S  
15 Elidy-Strip 15  
45 Elidy-Strip 5*

*NB : The PSX9 is included only when ordering the Elidy-Big. For all other products, do not Forget to order it separately*

<b>RANGE</b>	<b>ELIDY-S (PX101)</b>	<b>ELIDY-T (PX107)</b>	<b>ELIDY-STRIP 5 (PX108)</b>	<b>ELIDY-STRIP 15 (PX109)</b>
<b>POWER SUPPLY UNIT</b>	1 PSX9 For 9 Elidy-S	1 PSX9 For 9 Elidy-T	1 PSX9 For 45 Elidy-Strip 5	1 PSX9 For 15 Elidy-Strip 15
<b>SOURCE TYPE</b>	25 (5x5) LED 3W (2,700'K), with 8' optics. Output 4,000 lumens Pitch : 60mm	25 (5x5) LED 3W (2,700'K), with 8' optics. Output 4,000 lumens Pitch : 60mm	5 (1x5) LED 3W (2,700'K), with 8' optics. Output 800 lumens Pitch : 60mm	15 (1x15) LED 3W (2,700'K), with 8' optics. Output 2400 lumens Pitch : 60mm
<b>COMPOSITION</b>	Elidy-S = 1 Active Tile + 1 S-yoke	Elidy-T = 1 Active Tile + 1 S-yoke	Elidy-Strip 5 = 1 Small Active Strip + 1 Strip Yoke	Elidy-Strip 15 = 1 Big Active Strip + 1 Strip Yoke
<b>ACCESSORIES</b>	Spider Box For star wiring	Spider Box For star wiring	"T-Slot" standard accessories	"T-Slot" standard accessories
<b>DIMENSIONS (LxWxH IN MM)</b>	330x350x86	300x300x64	300x40x125	900x40x125
<b>WEIGHT (IN KG)</b>	3.1	2.35	0.85	1.70
<b>RIGGING ASSEMBLY</b>	Double yoke (can be oriented vertically while keeping constant pitch)	T-mount (Fix Yoke allows panel to be mounted closer to the support)	Yoke	Yoke
<b>CONTROL</b>				
<b>CONNECTORS</b>	2 XLR4 Neutrik (Male & Female). Input / Output	2 XLR4 Neutrik (Male & Female). Input / Output	2 XLR4 Neutrik (Male & Female). Input / Output	2 XLR4 Neutrik (Male & Female). Input / Output



<b>ELIDY-BIG (PX102)</b>	<b>ELIDY-WALL (PX103)</b>	<b>PSX9 (PX104)</b>
1 PSX9 For 1 Elidy-Big mounted on the Frame, in a remote location on the truss or in rack (rack kit For 2 PSX9)	1 PSX9 For 1 Elidy-Wall mounted on the Frame, in a remote location on the truss or in rack (rack kit For 2 PsX9)	Input 90-240V / 50-60Hz 12-5.2A / 1100W. Output 48V / 16A / 800 W
225 (15x15) LED 3W (2,700°K), with 8° optics  Output : 36,000 lumens Pitch : 60mm	225 (15x15) LED 3W (2,700°K), with 8° optics  Output : 600,000 Nits (cd/sq.m) Pitch : 60mm	
Elidy-Big = 9 Active Tiles + 1 PsX9 + 1 Frame + 1 Big-Yoke	Elidy-Wall = 9 Active Tiles + 1 Frame	
BIG-Barndoors	1 PSX9 For 1 Elidy-Wall 1 Rack kit For 2 PSX9 1 Master cable For 1 Elidy-Wall 1 Bumper per column minimum (top and/or bottom of column)	Rack Kit For 2 PSX9
950.5x900x58.5	950.5x900x58.5	390x200x86
27.3 (without barn doors)	20.4	4.5
By orientable yoke, while keeping the characteristics of Elidy-Wall	Built-in quick-lock vertical rigging system with constant pitch ( Max 11 Elidy-Wall). 1 bumper is needed per column of 11 Elidy-Wall. Automatic horizontal alignment. Side hanging points	Rack, Truss Mount, Hanging Frame Elidy-Big & Elidy-Wall
		225 ch and/or 12 ch (Built-in gif generator)
3 XLR4 Neutrik (Male).	3 XLR4 Neutrik (Male).	Powercon (in/out) "True One" 16A (link of 4 PSU). DMX (in/out) XLR5 Neutrik ARTNET (in/out) RJ45 Neutrik 3 XLR4 Neutrik output (Hybrid cable: Power+Data).

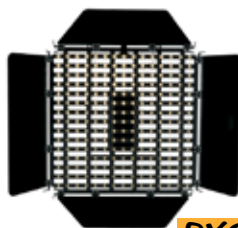
# Enhance Elidy modularity ...

*Bumper*



**PX207**

*Big-Barndoors*



**PX204**

*Rack Kit*



**PX202**

*Spider box*



**PX302**

*S-Cable*

2m  
6m  
12m



**PX301/2**  
**PX301/6**  
**PX301/12**

*Update cable*



**CH101**

*Frame*



**PX201**

*Big Yoke*



**PX206**

*S Yoke*



**PX205**

*T Mount*



**PX208**

**PX401**

*Flight case For 3 Elidy-Big or 6 Elidy-Wall*

**PX402**

*Flight case For 9 Elidy-S / 1 PSX9 / Cables*

**PX403**

*Flight case Rack 14U For 12 PSX9 (Rack Kit not included)*

**PX404**

*Flight case For 9 PSX9 and Cables*

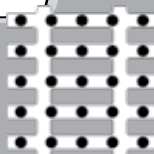
**PX405**

*Flight case For 9 Bumpers*

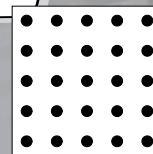
# ...with a wide range of optional accessories.

Unique customised covers : magnetic or hard cover, Full Frame or open Frame, standard or custom colours, textures and logos. Choose the covers that suit your needs.

OPEN FRAME



FULL FRAME



## SIZE S

### Magnetics covers For Elidy-S

**Black**

PX501/OF/B

PX501/FF/B

**White**

PX501/OF/W

PX501/FF/W

**Printed, personalized colour  
or texture on request**

PX501/OF/P

PX501/OF/P

### Hard covers For Elidy-S

**Black**

PX502/OF/B

PX502/FF/B

**White**

PX502/OF/W

PX502/FF/W

**Mirror**

PX502/OF/M

PX502/FF/M

**Printed, personalized colour  
or texture on request**

PX502/OF/P

PX502/FF/P

## SIZE BIG

### Hard covers For Elidy-Big /Wall

**Black**

PX503/OF/B

PX503/FF/B

**White**

PX503/OF/W

PX503/FF/W

**Mirror**

PX503/OF/M

PX503/FF/M

**Printed, personalized colour  
or texture on request**

PX503/OF/P

PX503/FF/P



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