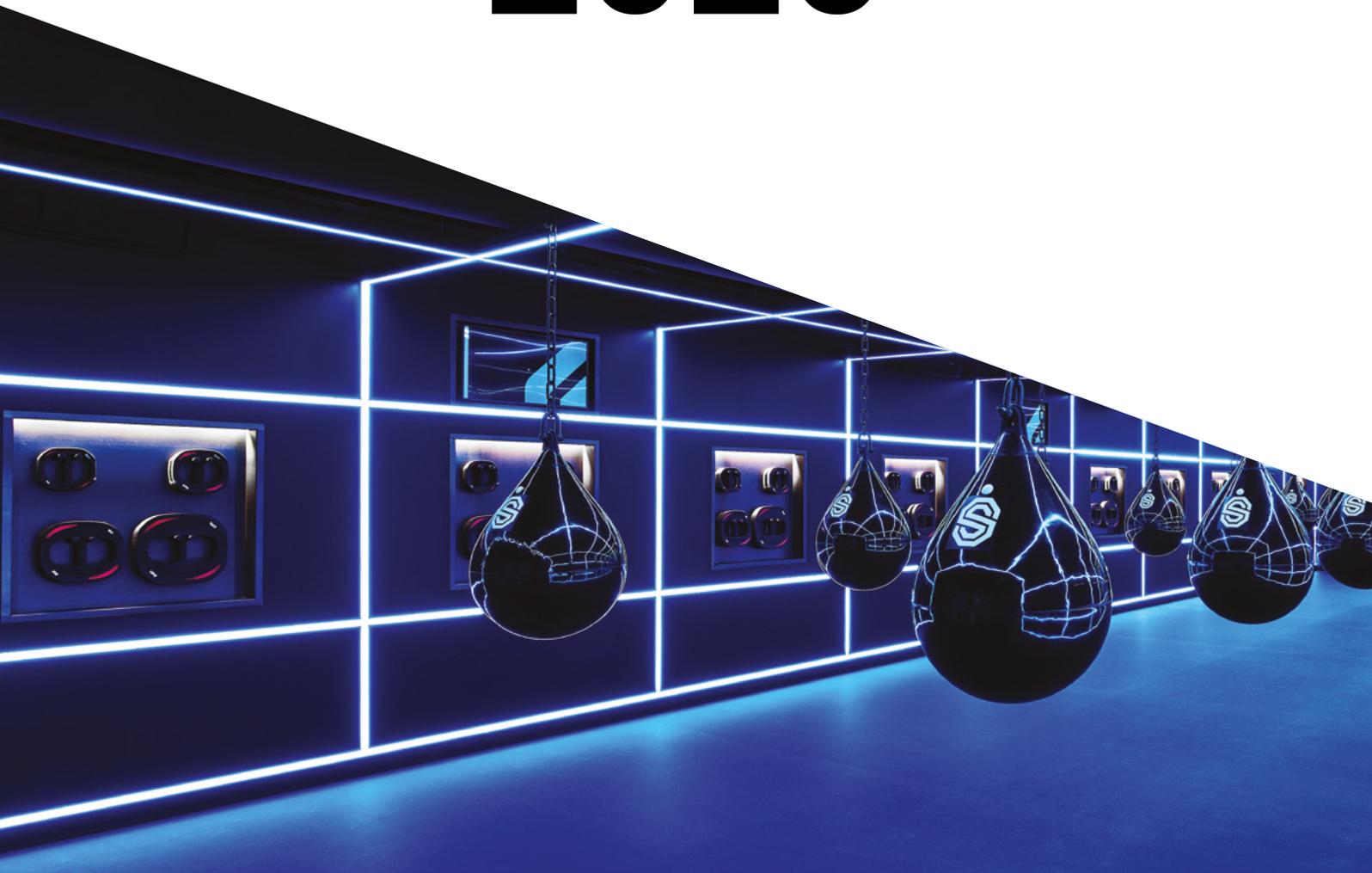




 **DiGidot**
PUSHING CONTROL BOUNDARIES
2020



We are different

DiGidot technologies specializes in everything related to pixel and lighting controls. We started developing a new pixel controller out of necessity for our own projects back in 2013 because standard products did not meet our requirements. Developing new control solutions is now our only focus. We're driven by lots of field experience and our customers feedback. It's our goal to simplify pixel and lighting control systems by making them easier to use, offering high performance and by eliminating as much hardware as we possibly can. The DiGidot C4 is therefore like a Swiss Army knife amongst all lighting controllers. There's not much that we can't do and we take great pride in the fact we can offer so many powerful features in just one small device.

The DiGidot C4 is the most powerful pixel controller of its kind and enables you to create innovative and creative LED projects of unparalleled proportion.

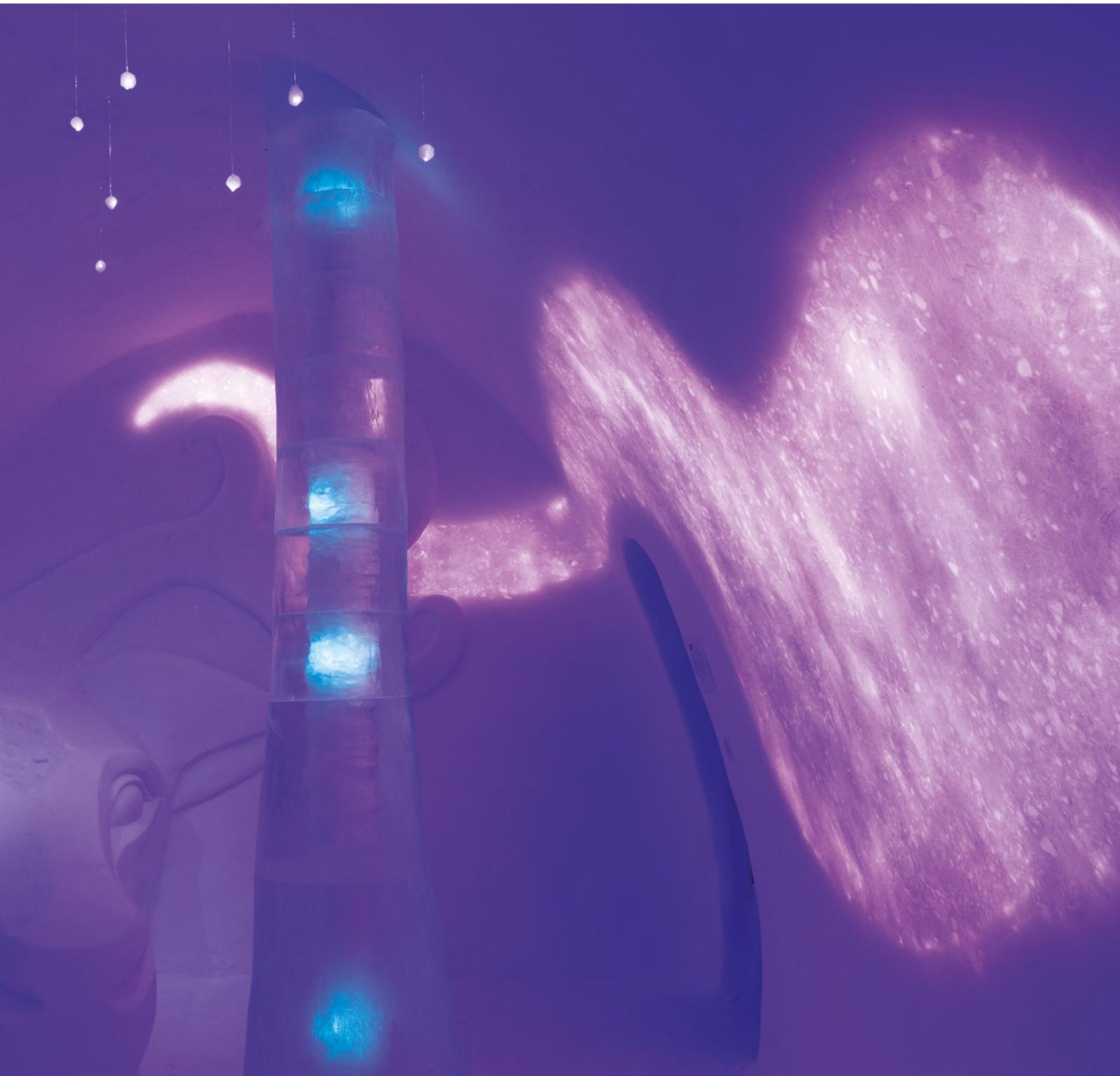
In addition to our standard products we often develop bespoke control solutions. If you need a special solution for your project, please contact us.

Passion is what drives us, industry innovation is what motivates us, your creativity is what moves us!

'The reason why I use the DiGidot C4 controllers is that they are flexible and easy to use for large scale Art-Net installations.'

Tapio Rosenius
Lighting Design Collective & Skandal Technologies





Icehotel Sweden, Photography: Anna Öhlund



Scalability

Daisy-chain multiple DiGidot C4 controllers to create a multiple device network.



Multifunctional

The DiGidot C4 combines many devices, such as an Art-Net & DMX Playback recorder, merger, SPI converter a GPIO trigger device in just one small sized controller. Its multifunctional nature allows for much simpler infrastructures and is a lot easier to manage.



Compatibility

Our 'we want to control everything' philosophy resulted in a controller that supports more than 65 different protocols of which more are SPI protocols. This allows us control almost any pixel controlled lighting product on the market. New protocols are added frequently to keep up with market developments.



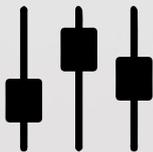
Always up to date

Our dedicated team of soft- and hardware developers is constantly working on improvements and new powerful features, which are frequently released through free online or offline firmware updates. This means that the DiGidot C4 platform keeps on growing and becomes more powerful over time.



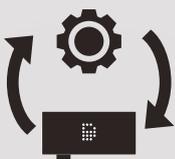
Easy access

A built in web interface allows you to configure all devices and navigate easily throughout your device network. There's no need to install any software and you can access your DiGidot C4 controllers from any wired or wireless device with an internet browser or you can use our free DiGidot C4 app.



Control softwares & consoles

Any industry standard Art-Net or DMX control system can be used to control the DiGidot C4. Our clients have successfully used many professional softwares and consoles such as Pharos, MADRIX, Resolume, ArKaos, MadMapper, grandMA, High End Systems, Avolites, Chromateq and many more.

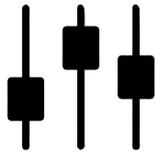
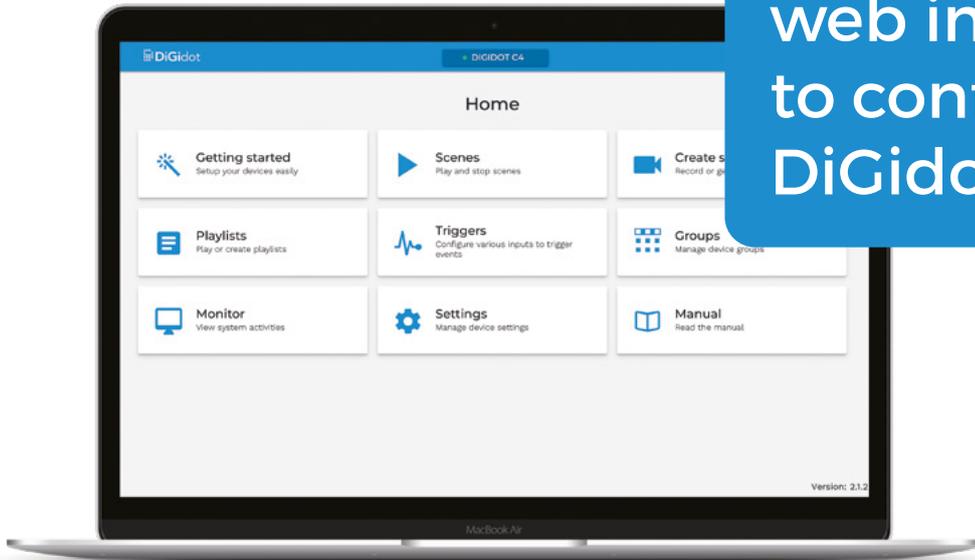


Upgradable

Our DiGidot C4 controllers come with a lifetime license for the amount of output channels. Licenses can be upgraded easily and any time through online or offline upgrades.



Easy to use
web interface
to configure your
DiGidot system



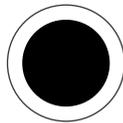
Up to 24 universes
(12.288 channels)



Supports more than
60 SPI protocols



Art-Net + DMX
in & out



Art-Net + DMX
Recording & playback



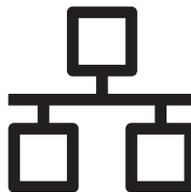
3 Analog trigger inputs



UDP, OSC, HTTP-Get
triggering



Compact size



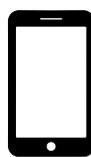
Built in ethernet switch
with DHCP server



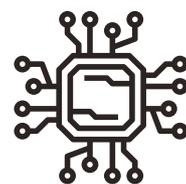
Easy to use



Easy to connect



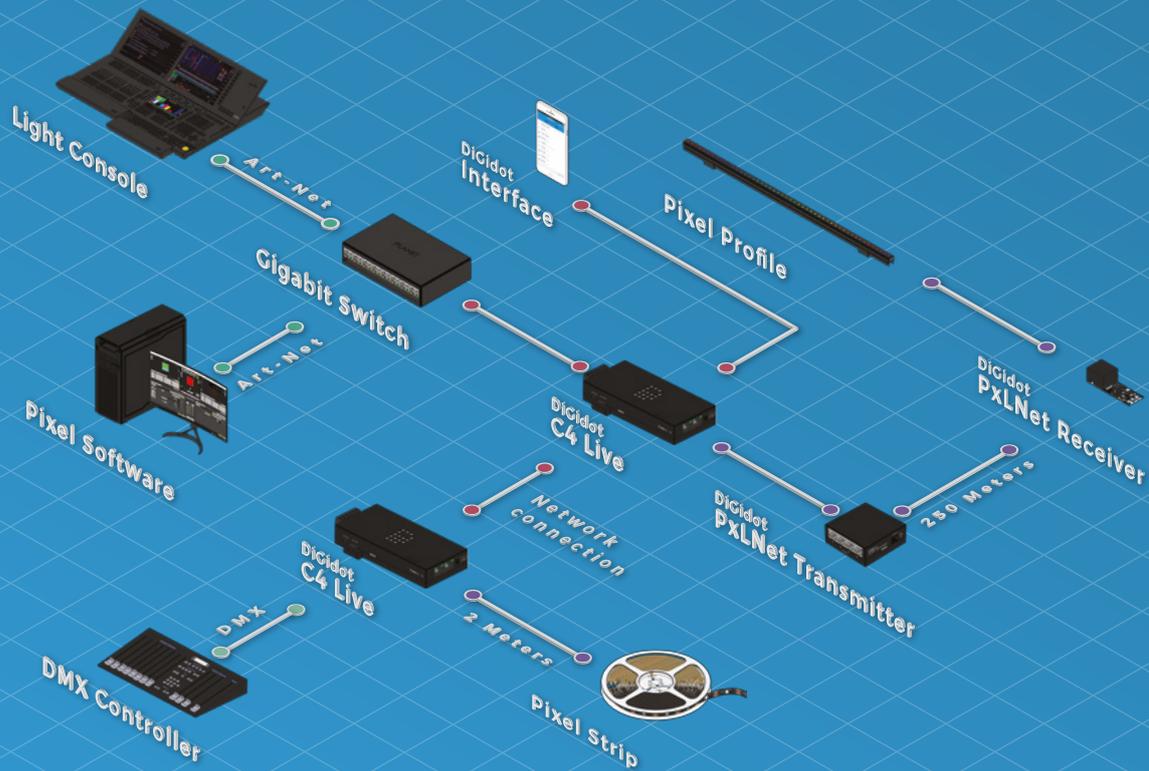
Web interface



Reliable solid
state solution

DiGidot C4 Live

- Input
- Network
- Output



DiGidot C4 specifications

Operating voltage: 5-24 Vdc

Power consumption: max. 5W

Dimensions: 153 x 74 x 28 mm | 6.02 x 2.91 x 1.10" (L x W x H)

Input protocols: Art-Net 1,2,3 & 4, DMX512 and the DiGidot app

Output Protocols: Art-Net 1,2,3, & 4 (out/through), DMX512,

DMX TTL (4 outputs) and 60 + SPI protocols

Features

- Brightness & power limiter
- Gamma correction
- Art-Net filter
- Built in WiFi (access point & client mode)
- Color order adjustment
- System monitor with Art-Net & DMX watcher
- Highlight ports
- Status lights
- Create segments and repeat channels to reduce input channels
- 16 bit dimming support
- Adjustable background/fallback color
- Backup & restore feature
- User accounts with rights restrictions
- Interface dark mode
- Built in web interface and easy to use getting started wizard

C4 Live models

C4 Live 4

4 Universe 2048 channels
#20101

C4 Live 8

8 Universe 4096 channels
#20102

C4 Live 12

12 Universe 6144 channels
#20103

C4 Live 16 Expert^{*1}

16 Universe 8192 channels
#20104

C4 Live 24 Expert^{*1*2}

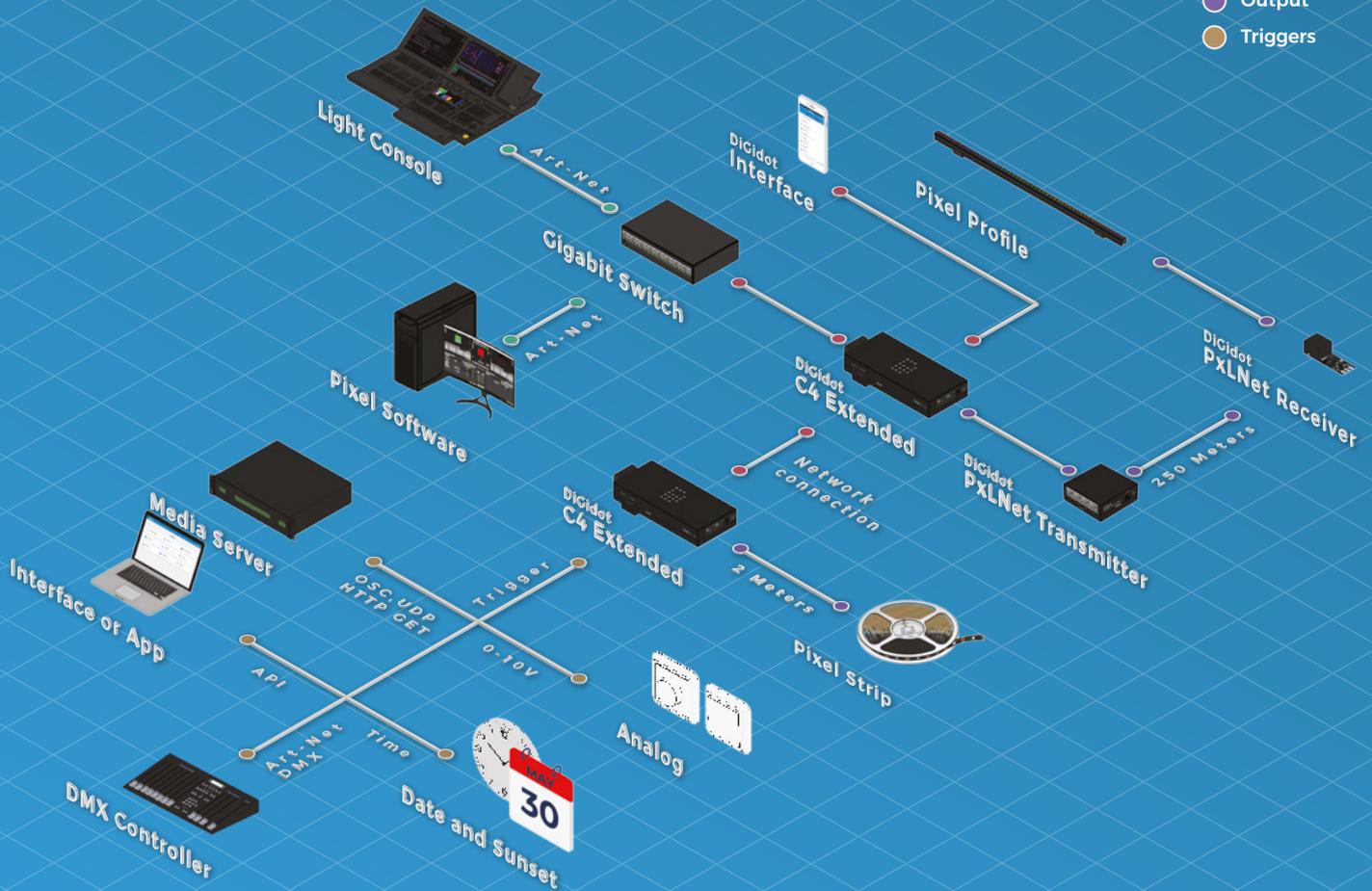
24 Universe 12288 channels
#20105

^{*1} Expert licenses can only be used for a selection of SPI protocols, please check the DiGidot C4 performance guide to check compatibility for your setup.

^{*2} Available request.

DiGidot C4 Extended

- Input
- Network
- Output
- Triggers



The DiGidot C4 Extended has the same features as the Live version but offers much more powerful features for system integration, triggering and stand alone operation. Once all scenes are recorded in the DiGidot C4 Extended controller(s), there's no need for an external Art-Net or DMX control system, software, console or media server anymore.

Features

- Art-Net & DMX playback recorder
- Playback adjustments
 - Brightness
 - Speed
 - Color
- Scene generator for static colors and color scroll effects
- Playlists
- Triggering
 - Max. 3 Analog signals such as 0-10V and potentiometer
 - Max. 3 Dry contacts for switches and relays
 - Startup
 - Onboard button
 - Built in calendar
 - Sunrise/sunset
 - Art-Net & DMX triggering
 - UDP in & out
 - OSC in & out
 - HTTP-Get
- Fall back/background scene

C4 Extended models

C4 Extended 1

1 Universe 512 channels
#20201

C4 Extended 2

2 Universe 1024 channels
#20202

C4 Extended 4

4 Universe 2048 channels
#20203

C4 Extended 8

8 Universe 4096 channels
#20204

Tip: Create your own professional looking and customized user interface for mobile devices with third party OSC softwares.

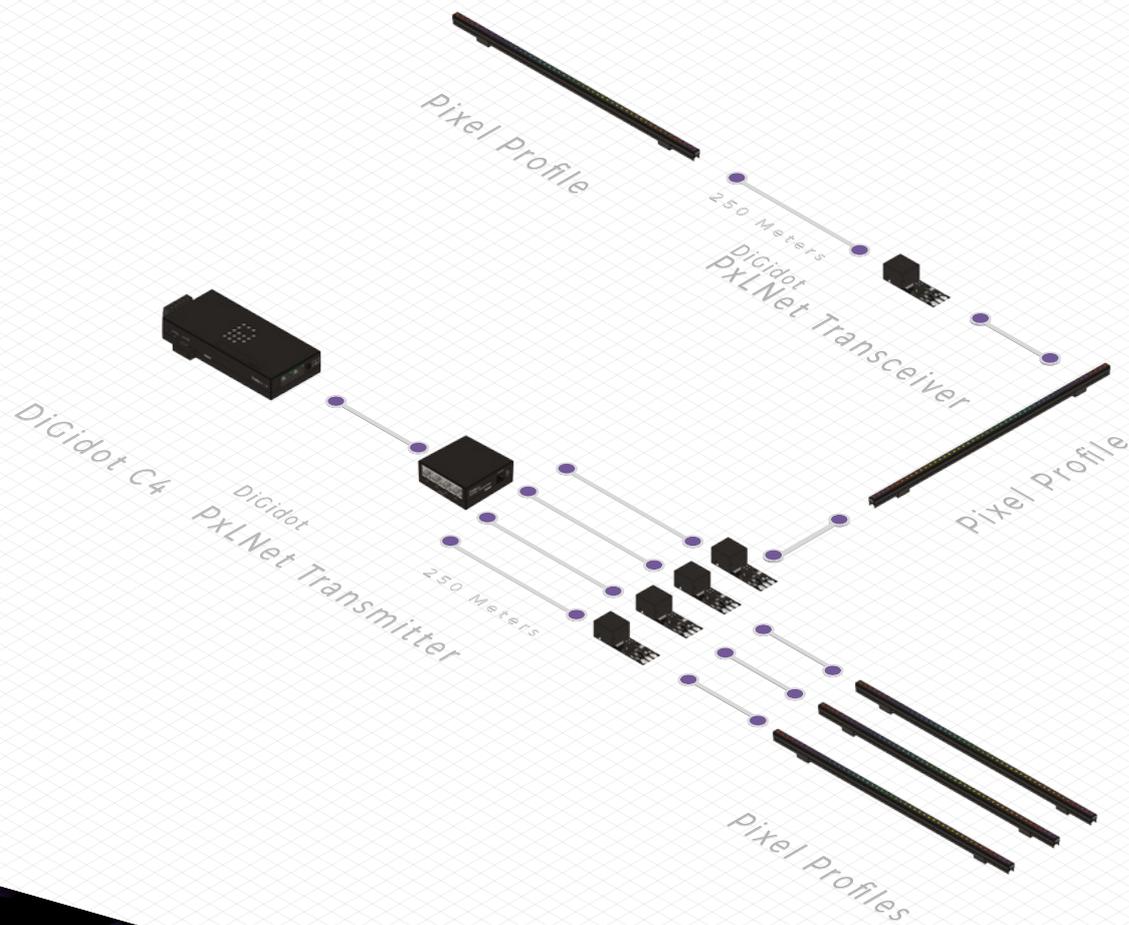
PxLNet

PxLNet is the DiGidot way of communicating high speed SPI protocols over large distances. This communication protocol is built for the future because it also supports RDM over SPI for upcoming products.

Our DiGidot PxLNet products are a great addition to the DiGidot C4 controllers and can greatly improve any SPI controlled system by eliminating SPI related shortcomings such as signal range.

What PxLNet products can do for you:

- Simplify infrastructures
- Improve ease of installation
- Increase SPI signal range up to 250 meters | (820 ft)
- Use the DiGidot C4 as a four universe Art-Net to DMX node
- Decrease installation time
- Lower total system costs



PxLNet Transmitter

This add-on module conveniently connects directly to a DiGidot C4 controller and converts (data only) protocols to PxLNet which can be transmitted up to 250 meters (820 ft) away. A DiGidot PxLNet Transceiver or Receiver is required to convert the signal back to the original protocol for your LED product.

- Input voltage range: 12-24Vdc
- SPI (data only) protocols up to 250 meters | (820 ft)
- Converts four DMX TTL signals to four differential DMX signals
- RJ45 bus for each output port



PxLNet Transceiver

A small sized module that connects to the beginning or end of an LED product. It converts PxLNet to the original (data only) SPI protocol for your LED product. In transmitting mode it's possible to convert any SPI data protocol to PxLNet and send it up to 250 meters (820 ft) away.

- Input voltage range: 5-24Vdc
- RJ45 bus input
- Solderpads for input & output
- Selectable transmitting and receiving mode
- Solders directly to most industry standard digital LED tapes
- Makes optimal use of SPI controller capacity
- Small dimensions of only 43.8 x 15.8 x 15.3 mm | 1.72 x 0.62 x 0.6" (L x W x H)



DiGidot accessories

DiGidot USB Power Cable
(now included with DiGidot C4 Live & Extended)
Powers your C4 on your desk while programming
#20331

DiGidot TRRS Trigger cable
(now included with DiGidot C4 Extended)
Connects to the DiGidot C4 Extended trigger port for external analog triggers
#20903

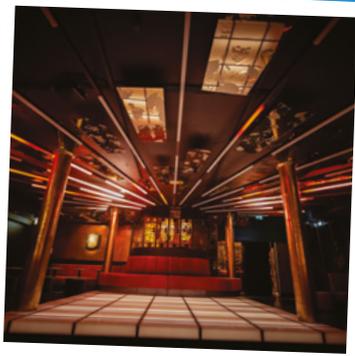
DiGidot Ethernet Cable
1 m Cat5-E network cable with RJ45 connectors to connect to a computer or controller or to daisy chain devices
#20330

DiGidot DIN-rail clip
Mounting clip to install a DiGidot C4 onto a DIN-rail
#20902

DiGidot PxLNet Transmitter Bus Adapter
Connects to the DiGidot PxLNet Transmitter Bus connector in order to extend the range for third party SPI controllers
#20332

DiGidot SD8 spare memory card for C4 Extended
8Gb industrial grade microSD card with increased read/write cycles
#20901

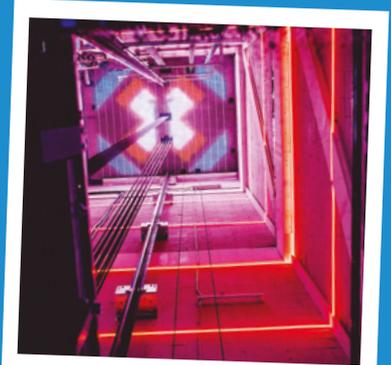
DiGidot RJ45 DMX Adapter
RJ45 to XLR-3 DMX adapter for PxLNet Transmitter and PxLNode
#20329



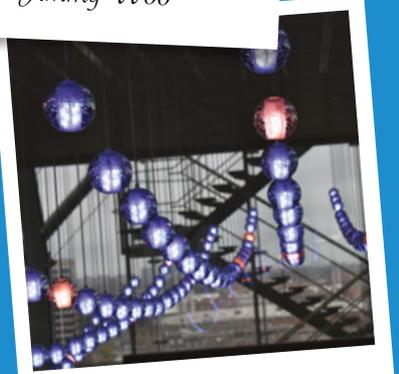
Jimmy Woo



Twenty Four



*A'DAM Tower
Spectacular Elevator*



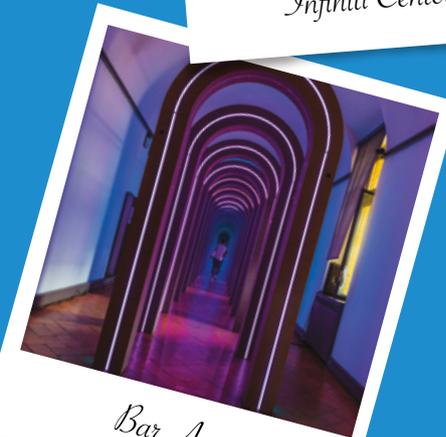
Infiniti Center



WONDR



Luis Vuitton



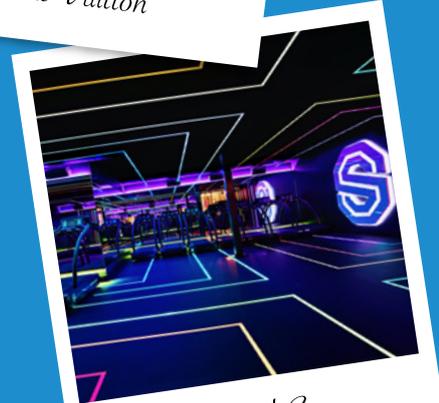
Bar Anne



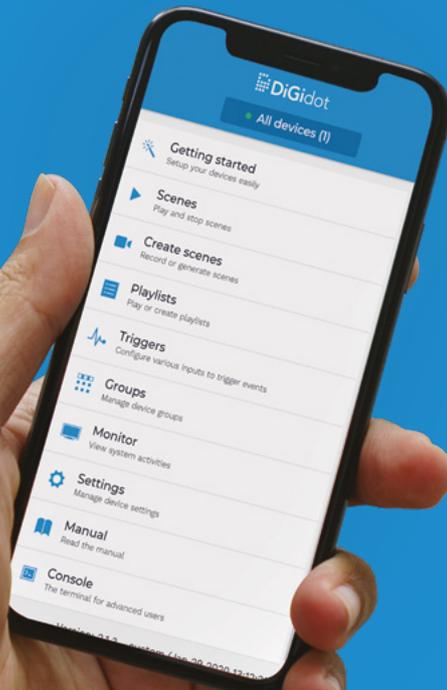
Switch



*Lighthouse in
the Bahamas*



Saint and Stars



Download our free app



What our clients say

'The DiGidot C4 is flexible and allows for options which fit most projects, ranging from small scale to very large.'

*Razvan Clenci from LED-Flex Limited,
United Kingdom*

'We chose the DiGidot C4 as the control solution as they natively supported a large number of SPI protocols, they had four data outputs (as opposed to alternative products that had two outputs) and most importantly they had an easy to use web interface that was highly flexible and customizable.'

*Alex Russel from QDOS Entertainment,
United Kingdom*

'The DiGidot C4 is a perfect solution for our PROLED Digital Strips. Complex and big applications with digital Strips are easily controlled with the DiGidot C4.'

*Sven Gimint from PROLED,
Germany*

'Since 1998 Stockholm Lighting has worked with Architectural Lighting and DMX - controlled LED fixtures. The lighting fixtures have gone through a great evolution but nothing much has changed in the way we address and control them. When we heard about DiGidot we realized this is something that will make it possible to take the next step in how to use the new LED technology in even more creative ways.'

Lina Strömmer CEO of Stockholm Lighting Sweden

'We contacted DiGidot, as we started a project for a common customer. The SPI protocol we had to work with, was initially not supported by the DiGidot C4. A new SPI protocol for our pixel product was needed, and they had it ready in a few days. Working along with DiGidot's technical staff, was really helpful and a pleasure.'

*Salvador Mauri of Sakma,
Spain*

