DiGidot

PUSHING CONTROL BOUNDARIES

Pixel control made easy

The DiGidot C4 is a powerful and multi functional LED pixel controller which is able to convert Art-Net and DMX to more than 50 different protocols. DiGidot has set the standard in the market of LED pixel controllers, early on.

One DiGidot C4 controls up to 6144 individual channels and simplifies any project infrastructure to an unprecedented level.

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

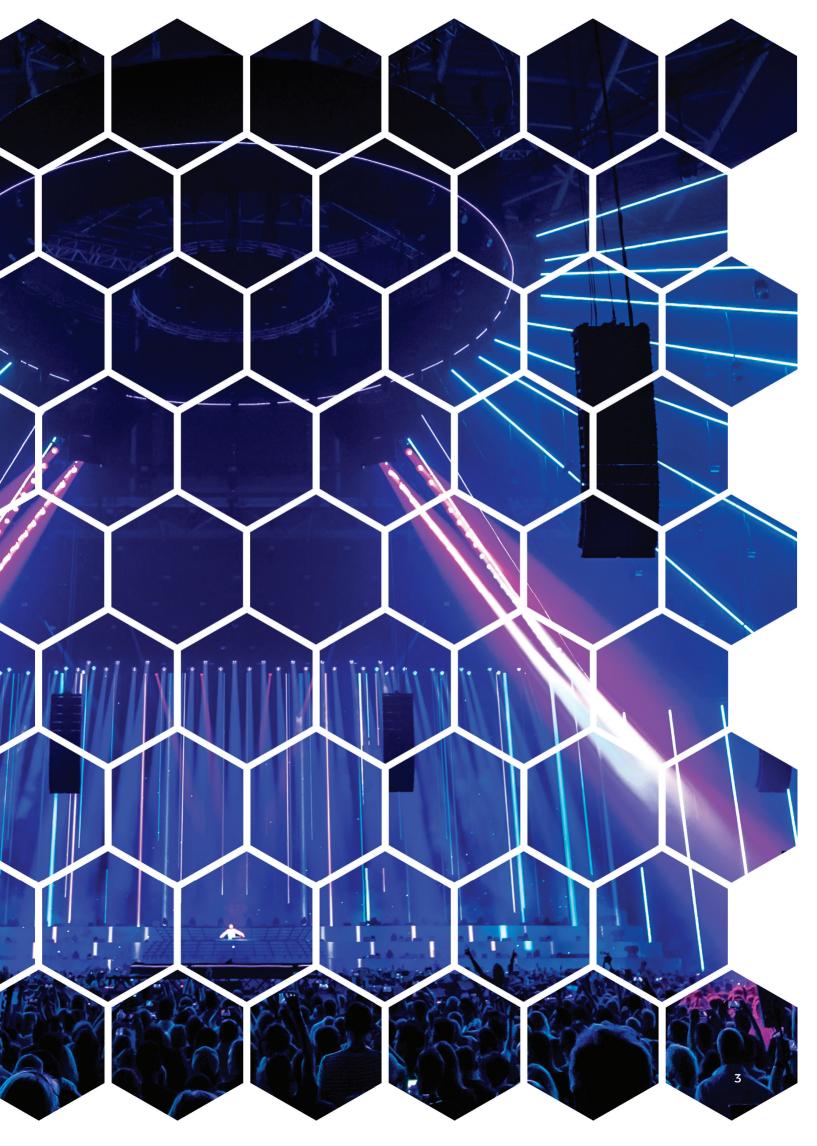Passion is what drives us - industry innovation is what motivates us - your creativity is what moves us.

Every DiGidot C4 is packed with a lot of unique and powerful features.

'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

Scalability

The built in Ethernet switch allows you to daisy-chain multiple DiGidot C4 controllers and create a huge device network to control any scale of pixel projects you can imagine. This means that the DiGidot C4 controller is no limiting factor for your project. As long as your infrastructure and Art-Net control platform are up for the job, DiGidot will be too!

Multifunctional

The DiGidot C4 is more than an Art-Net to SPI controller. Due to many powerful features we're able to eliminate various hardware from your system setup and make it simpler and even more cost effective. You don't need any Art-Net nodes, no separate Art-Net to SPI decoders, no signal mergers/routers, no Ethernet switches (only for larger setups), no media servers or Art-Net controllers and no external trigger processing devices if you're using the C4 Extended version and we're able to simplify the overall infrastructure.

Compatibility

Most pixel controlled LED products are being controlled by an integrated IC driver that communicates through a SPI protocol. There are many different IC's/protocols available on the market but DiGidot strives to be compatible to all of them. Currently we are able to convert to more than 50 different protocols, which is unique in the industry. As soon as we come across a new protocol we will try to include it's support within a firmware update.
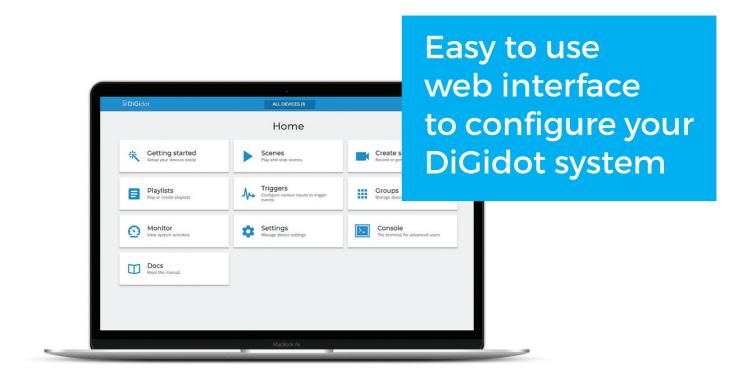
Always up to date

Our dedicated team of soft- and hardware developers is constantly working on improvements and new powerful features which are frequently released through online or offline firmware updates. This means that the DiGidot C4 platform is growing and becoming more powerful all the time.
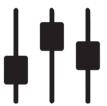
Control software & consoles

Any industry standard Art-Net or DMX control system can be used to control the DiGidot C4. To control the DiGidot C4 controllers, our customers have successfully used professional softwares and consoles such as Pharos, MADRIX, Resolume, ArKaos, MadMapper, grandMA, Chromateq, etc.

Easy to use
web interface
to configure your
DiGidot system

**Up to 12 universes
(6144 channels)**

**Supports more
than 50 protocols**

**Art-Net + DMX
in & out**

**Art-Net/DMX recording &
playback**

Analog + digital triggers

Compact size

Reliable & easy to use

Easy to connect
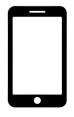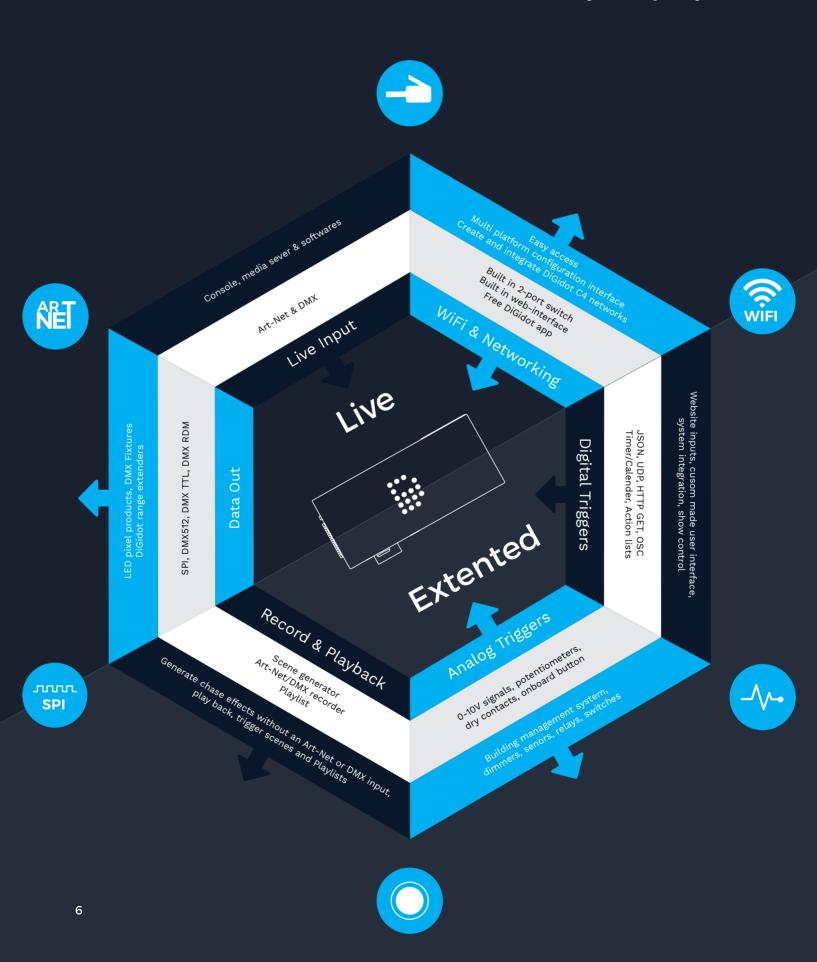
**Web interface
& free app**

DiGidot C4

Which DiGidot C4 version is suitable for your project?

Live

Extented

Live Input
Console, media sever & softwares
Art-Net & DMX

WiFi & Networking
Easy access
Multi platform configuration interface
Create and integrate DiGidot C4 networks
Built in 2-port switch
Built in web-interface
Free DiGidot app

Data Out
LED pixel products, DMX Fixtures
DiGidot range extenders
SPI, DMX512, DMX TTL, DMX RDM

Digital Triggers
Website inputs, cusom made user interface, system integration, show control
JSON, UDP, HTTP GET, OSC
Timer/Calender, Action lists

Record & Playback
Scene generator
Art-Net/DMX recorder
Playlist
Generate chase effects without an Art-Net or DMX input, play back, trigger scenes and Playlists

Analog Triggers
0-10V signals, potentiometers, dry contacts, onboard button
Building management system, dimmers, senors, relays, switches

ART NET

WIFI

SPI

DiGidot C4
Live + Extended

Input voltage
5-24 Vdc

Dimensions (L x W x H)
53 x 74 x 28 mm

Input Protocols
Art-Net 1,2 & 3, DMX512 (2 inputs), DMX RDM
and the DiGidot app

Output Protocols
Art-Net 1,2 & 3 (out/through), DMX512 (2 outputs), DMX RDM (2 outputs)
DMX TTL (4 outputs) and 47+ SPI protocols
(check supported IC's list)

5-24 VDC · **SPI** · **DMX** · **ART NET**
ETL · **CE** · **IP10**
RoHS · **ARM NXP** · **WIFI** · **DMX RDM**

DiGidot C4
Extended only

Trigger port
Max. 3 dry contacts
Max. 3 analog inputs (0-10V, 1-10V, 50 kΩ
potentiometer)

Digital triggers
Internal clock, Power up, Onboard
button, Art-Net, DMX, HTTP GET, UDP,
JSON, SC, DiGidot C4 web based user
interface, DiGidot C4 IOS/Google Play
app IO config files, etc.)

DiGidot C4
Live

4 Universe 2048 channels #20101		
8 Universe 4096 channels #20102		
12 Universe 6144 channels #20103		

DiGidot C4
Extended

1 Universe 512 channels #20201		
2 Universe 1024 channels #20202		
4 Universe 2048 channels #20203		
8 Universe 4096 channels #20204		

DiGidot C4
Accessories

DiGidot Tx #20303		
DiGidot TRxB #20327		
DiGidot Rx48 #20326		
DiGidot TRRS Trigger cable #20903		
DiGidot DIN-rail Clip #20902		

Download on the App Store

GET IT ON Google Play

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www.digidot.eu/c4/app