



# Preliminary Data

## Key Facts

- 84 highly efficient white strobe LEDs
- Individual strobe segment control
- GLP DigiFX Engine

## GLPs JDC2 IP is the design tool you've been waiting for!

GLP JDC2 IP is the new innovative hybrid strobe with more visibility, increased output and advanced creativity. The new integrated beam line is equipped with 84 high-performance LEDs which are highly efficient at 10 W each and produce a flash that is more powerful than ever. The optimized, extremely steep flash ramps ensure an even more realistic and intense strobe impression. With 12 individually controllable segments, the beam line offers extended intensity flash effects and more than 100 static and dynamic strobe patterns.

With 1,025 cm<sup>2</sup> (159 in<sup>2</sup>) luminous surface, not only does the visual solid angle increase, but the visibility of the surface is perceived as larger and up to 25% brighter. The saturated colors and exceptional brightness of the 1,728 LEDs provide powerful diffuse lighting. This allows stages and spaces to be completely immersed in color. An impressive, rich color environment is created, especially when combined with haze. The specialized black LED masking ensures a black front appearance, while eliminating reflection from other light sources.

Of course, the two color plates can be addressed separately, in 12 or 24 individual segments. Additionally, the new JDC2 IP offers the ability to create breathtaking digital effects with an individually controllable pixel matrix. A built-in powerful Dual Cortex CPU with 3D graphic processing offers you a variety of impressive effects – the so called GLP DigiFX. With over 100 designed GLP DigiFX, the JDC2 IP provides an extremely wide range of digital content. To go one step further, multiple effect manipulations can be applied in real time. This opens up endless creative possibilities for integrating the JDC2 into your show...all without any media server or other external players. Two fail-safe GigaBit Ether-Con ports allow you to capture up to four different external

NDI streams and display them directly on the JDC2 IP, without any dedicated interface, license-bound protocols or expensive video processors being required.

The head of the JDC2 IP is motorized with approx. 180° tilt and therefore can be perfectly aligned for thoughtful lighting design. The extremely robust housing in a modern design is, of course, IP65-rated and suits both permanent indoor as well as temporary outdoor applications. Of course, the GLP JDC2 IP also offers the innovative GLP iQ.Mesh interface with NFC Connect for exceptional ease of service. Extremely simple system integration and control of the internal effects and DigiFX allow users to focus on what it's all about – creative design!

### LIGHT SOURCE

Typ	White Strobe LED   RGB LED
CRI	tbc
TLCI	tbc
TM-30-15 Rf/Rg	tbc

### OPTICAL SYSTEM

Total Output	
Beam	47,000 lm
Plate	20,000 lm
Beam and Plate	70,000 lm
Peak Luminous Intensity	80 kcd
Light distribution	
Beam	150° / 49°
Plate	160° / 160°

\* Preliminary Data. Subject to change.

01/2024

# Technical Data\*

Pixel Pitch Plate	7 mm / 0.27 in
Pixel Quantity physical virtual	54 x 32 px (1,728 px) 54 x 36 px
Dimension Output Lens	2x 377 x 111 mm / 2x 14.8 x 4.4 in
Nit	78,000 nt up to 10 times brighter than LED Video Panels

## DYNAMIC EFFECTS

Dimmer	16 bit
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## MOVEMENT

Tilt	184°, 16 bit
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## CONTROL & PROGRAMMING

DMX Channels	13   25   50   91   127   5239   5210
Control Modes	M1: Mini   M2: Basic   M3: Segment 1-2   M4: Segment 12-12   M5: Segment 12-24   M6: MultiPix Advanced*   M7: MultiPix Compressed* * Art-Net / sACN only
Protocols	DMX (USITT DMX512-A)   RDM (ANSI/ESTA E1.20)   LumenRadio CRMX (optional)   iQ.Mesh
High-Res Kanäle	Dimmer   Tilt   X/Y Position
Dimming Curves	Linear   Soft
Performance Modes	Fast   Normal   Smooth
Fan Modes	Regulated   High   Medium   Low   Minimum
Setting and addressing	Control panel with backlit graphic display   4 Button Menu Navigation   DMX   RDM   iQ.Mesh
Others	Beam Pattern Effect Engine   Plate DigiFX Engine   Beam/Plate Intensity Flash Effects
Firmware Update	iQ.Mesh

## CONNECTIONS

Power connection	Neutrik powerCON TRUE1 In/Out
Signal connection	Neutrik XLR 5-Pin In/Out   Giga-bit etherCON In/Out (failsafe)

## ELECTRICAL SPECIFICATIONS

Power input	100 – 240 V AC / 50 – 60 Hz
Power supply unit	Auto-ranging electronic switch-mode
Max. Power	1,500 W

## THERMAL SPECIFICATIONS

Cooling Type	combined convection and forced air
Temperature range	-10 °C / -23 °F bis 45 °C / 115 °F
Thermal Protection	automatic
Total heat dissipation	5,150 BTU/hr

## INSTALLATION

Mounting	2 eyelets for safety cable   2 pairs of 1/4-turn locks
Orientation	Any, with JDC2 Bracket
Location	Indoor permanently, outdoor temporary

## SHIPPING

Tourpack	4-way
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## CONSTRUCTION

Housing Color	Black
Housing Material	High-impact flameresistant thermo-plastic   Aluminum   Steel Metal Plates
Protection Rating	IP 65
Construction Features	Tilt-Lock-System   Alignment System   Head Handles   Attachment points for external accessories

## DIMENSIONS & WEIGHT

Height head straight up	354 mm / 13.94 in
Height head vertical	452 mm / 17.8 in
Width across yoke	444 mm / 17.48 in
Depth head vertical	230 mm / 17.48 in
Weight netto	23.5 kg / 51.8 lbs

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