



Key Facts

- IP65 rated for protection against rain, dust and particles
- RGBW plates for enhanced color performance
- Increased pixel count (compared to JDC1) for more creativity
- High speed 180° tilt movement

THE NEXT EVOLUTIONARY STAGE OF THE LEGENDARY JDC1

The GLP JDC Burst 1 is the next step in the development of innovative Hybrid LED Strobe lights. Building on the success of the JDC1 and inspired by the technology of the groundbreaking JDC2, the JDC Burst 1 was designed as a powerful successor to the JDC1, setting new standards in brightness, color variety, and flexibility. With its robust construction and IP65 protection, it guarantees top performance under the most demanding conditions.

This powerful device features a 12 segment-controlled white strobe line and two RGBW LED plates that enable stunning color effects. Thanks to the motorized 185° tilt and precise control of 1200 RGBW LED pixel, divided into 48 segments with 5 x 5 pixels each, dynamic lighting effects can be created, transforming any stage into a visual spectacle.

The new, extremely bright white strobe LEDs are significantly brighter compared to the proven JDC1, providing intense flashes with outstanding punch. At the same time, the powerful RGBW LEDs offer an extended color gamut – including delicate pastels and rich colors. Color performance has been significantly improved compared to the JDC1: +120% in red, +60% in green, and +30% in blue PLUS extra white!

Thanks to its sealed IP65 system, the JDC Burst 1 is protected not only against rain influences but also against pyro and confetti residues. While conventional devices can draw in particles through ventilation and require maintenance, the JDC Burst 1 remains largely maintenance-free and reliably durable due to its sealed housing.

The multi-patch function and flexible control options via DMX, Art-Net, sACN, and GLP iQ.Mesh ensure easy integration into any lighting setup. Weighing only 14 kg and equipped with ergonomic carrying handles, the JDC Burst 1 is highly mobile and easy to handle. Thanks to its versatile mounting options, such as Camlock quick-release fasteners on the arm for vertical mounting, it can be effortlessly integrated into a wide range of setups. Whether used as a powerful strobe, creative wash light, or dynamic effect light, this versatile device maximizes creative possibilities and elevates stunning light shows to the next level.

Technical Data (1/2)

LIGHT SOURCE

Type	
Beam	White Strobe LED
Plate	RGBW Multicolor Chip LED

Count	
Beam	144
Plate	1,200

Power	
Beam	700 W
Plate	700 W
Total	1,400 W

OPTICAL SYSTEM

Total Output	
Beam	49,000 lm
Plate	33,800 lm

Light Distribution	
Beam	150° / 90° cutoff angle
Plate	110° beam angle, 160° field angle

Peak Luminous Intensity	
Beam	34 kcd
Plate	12.3 kcd

Technical Data (2/2)

DYNAMIC EFFECTS

Dimmer	0 – 100%, 16 bit
CTC	6,100 K (± 200 K)

MOVEMENT

Tilt	185°, 16 bit
Tilt Movement Speed	super fast 0.25 s (Normal)

CONTROL & PROGRAMMING

DMX Channels	19 37 87 135 231 105 153 249 68 62
Control Modes	10
Protocols	DMX (USITT DMX512-A) RDM (ANSI/ESTA E1.20) Art-Net sACN GLP iQ.Mesh
High-Res Kanäle	Dimmer Tilt
Dimming Curves	Linear Soft S-Curve
Performance Modes	Fast Normal Smooth
White Points	Plate: 6,500 K 8,000 K 5,700 K Off (RAW)
White Beam	Normal Expanded
Fan Modes	Regulated High Medium Low Minimum
Setting and addressing	Control panel with backlit graphic display 4 Button Menu Navigation DMX RDM Stand Alone Scene
Others	2x Pattern FX Engine Multi-patch for media servers
Firmware Update	DMX Link via DProg iQ.Mesh

CONNECTIONS

Power connection	Neutrik powerCON TRUE1 In/Out
Signal connection	Neutrik XLR 5-Pin In/Out etherCON In/Out A & B (fail-safe)

ELECTRICAL SPECIFICATIONS

Power input	100 – 240 V AC / 50 – 60 Hz
Power supply unit	Auto-ranging electronic switch-mode
Max. Power (230 V)	1,400 W
EEC	A
EEl	0.25
Ec	1,400 kWh/1,000h

THERMAL SPECIFICATIONS

Cooling Type	combined convection and forced air
Thermal protection	automatic
Temperature range	-10 °C / 14 °F to 45 °C / 113 °F

INSTALLATION

Mounting	3 pairs of 1/4-turn locks (2 bottom base plate, 1 yoke side) Safety cable attachment point
Orientation	Any
Location	indoor outdoor

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 Hand Gaps at Base and Head Vertical hanging Camlock Prepared for head accesories

DIMENSIONS & WEIGHT

Height (head home) with legs	271.3 mm / 10.7 in
without legs	260 mm / 10.2 in
Height (head vertical) with legs	305 mm / 12 in
without legs	293.7 mm / 11.6 in
Width across yoke	412 mm / 16.2 in
Depth head vertical	172 mm / 6.7 in
Weight netto	14 kg / 30.8 lbs

SHIPPING

Tourpack	4-way
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ARTICLE NUMBERS

JDC Burst 1	4900280
DRX Sleeve for JDC Burst 1	56800