JDC1 BURST

GLP

Preliminary Data

THE NEXT EVOLUTIONARY STAGE OF THE LEGENDARY JDC1

The GLP JDC Burst 1 is the next step in the development of innovative strobe and wash lights. Building on the success of the JDC1 and inspired by the technology of the groundbreaking JDC2, the 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 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 20 x 240 RGBW pixels, divided into 12 x 4 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 provide 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.

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

The multi-patch function and flexible control options via DMX, ArtNet, 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.

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Technical Data*

LIGHT SOURCE

Type	
Strobe Line	White Light LED
RGBW Panels	RGBW LED
Power	1,400 W

OPTICAL SYSTEM

Total Output	
Plate	42,000 lm
Beam	63,000 lm

DYNAMIC EFFECTS

Dimmer	16 bit

MOVEMENT

Tilt	185°

CONTROL & PROGRAMMING

DMX Channels	19 | 37 | 227 | 245
Control Modes	4
Protocols	DMX (USITT DMX512-A) | RDM (ANSI/ESTA E1.20)
High-Res Kanäle	Dimmer | Tilt
Dimming Curves	Linear | Soft
Performance Modes	Fast | Normal | Smooth
Fan Modes	Regulated | High | Medium | Low
Setting and addressing	Control panel with backlit graphic display | 4 Button Menu Navigation | DMX | RDM
Others	Stand Alone Scene | Pattern FX Engine | Multi-patch for media servers | FVP Protocol
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 (failsafe)

ELECTRICAL SPECIFICATIONS

Power input	100 – 240 V AC / 50 – 60 Hz
Power supply unit	Auto-ranging electronic switch-mode

THERMAL SPECIFICATIONS

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

INSTALLATION

Mounting	2 eyelets for safety cable | Safety cable attachment point | 2 pairs of 1/4-turn locks
Orientation	Any
Protection Rating	IP 65
Location	Indoor permanently, outdoor temporary

CONSTRUCTION

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

DIMENSIONS & WEIGHT

Height	313 mm / 10 in
Width across yoke	412 mm / 16.2 in
Depth head vertical	172 mm / 6.7 in
Weight netto	14 kg / 30.8 lbs

* Preliminary Data. Subject to change.

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