



## 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       |                               |
| Single fixture | cartboard; DRX Sleeve (incl.) |
| Tourpack       | 4-way Flightcase              |

## ARTICLE NUMBERS

|                                    |       |
|------------------------------------|-------|
| JDC Burst 1                        | 7451  |
| DRX Sleeve for JDC Burst 1 (incl.) | 56800 |