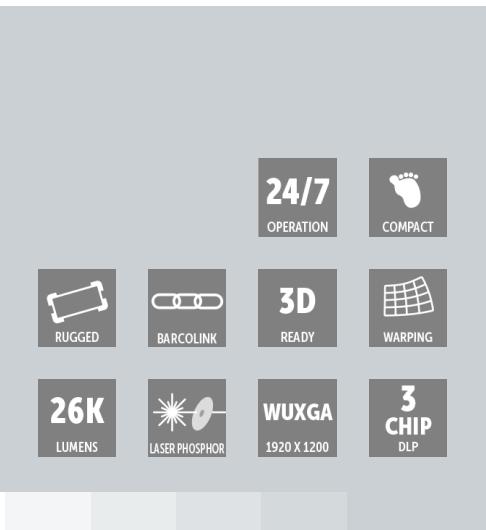


# UDX-W22

21,000 lumens, WUXGA, 3-chip DLP laser phosphor large venue projector



- **Stunning experiences thanks to high-brightness images**
- **Savings on installation and shipping time**
- **Laser phosphor light source for reduced costs**
- **24/7 operation**

The UDX range delivers stunning experiences and savings on installation and shipping time, reducing costs significantly. The most compact, high-brightness laser projectors with integrated cooling on the market bring reliable and razor-sharp 4K images to every type of event and venue.

The UDX-W22's WUXGA resolution and 21,000 lumens light output ensure flawless shows with accurate colors at all times. The Constant Light Output (CLO) also provides constant brightness and color over time. Users enjoy the widest color spectrum in the industry that matches the renowned Xenon quality and outperforms the Rec. 709 color space - without compromising on brightness.

## Cut costs with laser projection

The laser phosphor light source reduces lamp-related costs, maintenance as well as image flicker. The result is a long lifetime and high reliability for minimal downtime, while compact and rugged design reduces shipping and labor costs. The modular components limit servicing time. You can also reuse your TLD+ lenses.

## Pick your brightness and resolution

The unique FLEX2 feature tunes and locks your brightness and resolution to a specific show so you can cover a wider range of brightness levels and resolutions with fewer projectors.

## Faster processing for sharper images

The Barco Pulse 4K electronics offer an intuitive interface and flexible, user-friendly, embedded control software. Its Single Step Processing (SSP) allows for sharper images and less latency.

| PRODUCT SPECIFICATIONS      | UDX-W22  |
|-----------------------------|--|
| Projector type              | WUXGA 3-chip DLP digital projector   |
| Technology                  | 0.96" DMD™ x3  |
| Resolution                  | 1,920 x 1,200  |
| Brightness                  | 21,000 center lumens* / 20,000 ansi lumens / 22,500 ISO  |
| Contrast ratio              | 2,200:1  |
| Brightness uniformity       | 95%  |
| Aspect ratio                | 16:10  |
| ScenergiX                   | Horizontal and vertical edge blending  |
| Lenses                      | TLD+ 0.37:1 ; 0.65:1 ; 0.73:1 ; 0.85:1 ; 1.2:1 ; 1.25 -1.6:1 ; 1.5-2.0:1 ; 2.0-2.8:1 ; 2.8-4.5:1 ; 4.5-7.5:1 ; 7.5-11.5:1  |
| Optical lens shift          | Vertical between -100% to +130%, depending on lens<br>Horizontal up to +/-40%, depending on lens<br>Motorized zoom and focus (with lens memory on TLD lenses)<br>Motorized lens shift (with position memory on all lenses) |
| Color correction            | P7   |
| Light source                | Laser phosphor with inorganic phosphor wheel   |
| Light source lifetime       | 25,000 hrs   |
| Optical douser              | Mechanical   |
| Picture-by-picture          | Two sources simultaneously   |
| Sealed DLPTM core           | standard   |
| Orientation                 | 360°   |
| DMX 512                     | standard   |
| WARP                        | Direct adjust OSD + toolset  |
| Image processing            | Embedded warp & blend  |
| Keystone correction         | Yes  |
| Integrated web server       | Yes  |
| CLO (constant light output) | Standard   |
| 3D                          | Active eye wear (optional), passive circular (optional); 2 flash up to 200Hz*  |
| Inputs                      | Single HDBt; HDMI2.0 (HDCP2.2, HDR10); DP 1.2 (HDCP 1.3); Quad 3G/12G SDI / BarcoLink  |
| Optional Inputs             | Quad DP1.2   |

| PRODUCT SPECIFICATIONS             | UDX-W22  |
|------------------------------------|--|
| Input resolutions                  | From NTSC up to 4K (4,096 x 2,560)<br>refresh rates:<br>24hz to 120hz 4K/4KUHD (4096 x 2160/ 3860 x 2400) to 240hz WQXGA (2560 x 1600) |
| Max. pixel clock                   | 600 Mhz  |
| Software tools                     | Projector Toolset + Android app* + iOS app*  |
| Control                            | XLR wired + IR, RS232, Wifi (opt)*, GSM (opt)*   |
| Network connection                 | 10/100 base-T, RJ-45 connection, Wifi (optional)*  |
| Power requirements                 | 120-160V (reduced power)/ 200-240V (+/-10%), 20A, 50-60Hz (reduced power on 110v)  |
| Max. power consumption             | 1,900 W @ 230 volts/ STBY less than 10W  |
| Noise level (typical at 25°C/77°F) | 49 dB(A)   |
| Operational ambient temperature    | 0°-40°C/ 32°-104°F (45°C reduced power)  |
| Operational humidity               | 0-80% (non condens)  |
| Dissipation BTU                    | Max. 6,600 BTU/h   |
| Dimensions (WxLxH)                 | 660 x 830 x 350 mm (25.98 x 32.67 x 13.77")  |
| Shipping Dimensions                | (WxLxH) 800 x 1,200 x 685 mm / 31.49 x 47.24 x 26.96 inches  |
| Weight                             | 87.5kg (193 lbs)/shipping weight from factory: 105kg (231 lbs)   |
| Standard accessories               | Power cord, wireless/XLR wired rugged remote control   |
| Certifications                     | Compliant with UL60950-1 and EN60950-1 complies with FCC rules & regulations, part 15 Class A and CE EN55032 Class A, Rohs             |
| Warranty                           | 3 years  |
| *                                  | Software upgradeable, please contact your local authorized Barco sales representative  |

Last updated: 25 Jun 2020

Technical specifications are subject to change without prior notice. Please check [www.barco.com](http://www.barco.com) for the latest information.