

RLM-W12

11,500 lumens, WUXGA, 3-chip DLP projector



- Standard active 3D
- Low power consumption
- BarcoLink for fast signal distribution

This product is still available in China.

Thanks to its standard active 3D capabilities, low noise level and high light output, the cost-effective RLM-W12 is a perfect fit for fixed installation in conference auditoriums, lecture halls and infotainment applications. Geared with an optional ceiling mount or stacking frame, the RLM-W12 can also be used for events. What's more, the RLM-W12 is equipped with TLD lenses, making it fully compatible with Barco's HDF, HDX and FLM projector families.

Flawless image quality

Thanks to its 3-chip DLP image quality, the RLM generates crisp images with a better color saturation, more stability and richer contrast. Its WUXGA (1920x1200) resolution makes sure you see all important details at once.

The most silent

Barco's RLM projectors are the most silent projectors in their range. They remove the strain of working under a constant drone of projection equipment, and make the only noticeable thing about it its image quality.

Low power consumption

The RLM consumes less power than comparable projectors. Today, as energy conservation is an important consideration, the RLM benefits both your energy bill and the environment.

Fast signal distribution

Our proprietary BarcoLink technology guarantees swift signal distribution between Barco's projectors and image processors. With BarcoLink, signals are distributed over a BNC coax cable, which is not only more durable but also enables you to lower



your costs.

- 11,500 lumens light output
- 3-chip DLP technology
- Super silent projector
- Low power consumption
- WUXGA resolution
- Standard active 3D
- Better color stability & saturation
- Perfect for fixed installations
- Rental frame available
- Wide range of TLD lenses, compatible with HDX & FLM projectors
- Control over IP

PRODUCT SPECIFICATIONS**RLM-W12**

| | |
|--|---|
| Projector type | WUXGA 3-chip DLP digital projector |
| Technology | 0.96" DMD™ x3 |
| Resolution | 1,920 x 1,200 |
| Brightness | 11,500 center lumens / 10,500 ANSI lumens* |
| Contrast ratio | 1,600:1 (standard) / 2,400:1 (CE) |
| Brightness uniformity | 90% |
| Aspect ratio | 16:10 |
| ScenergiX | Horizontal and vertical edge blending |
| Lens type | TLD+ |
| Lenses | (fix) 0.73:1 ; 1.2:1 ; (zoom) 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: -70% to +120% / Horizontal: -30% to +30% on zoom lenses |
| Color correction | P7 |
| Lamps | 2x400W |
| Lamp lifetime | 1,500 hours (typical) / 2,000 hours (maximum) |
| Transport with lamp | Yes |
| Lamp house, quick replace | Yes, auto lamp select |
| Customer bulb replace | N/A |
| Lamp warranty (field replace/ factory replace) | 120 days, 500 hours |
| Sealed DLP™ core | Standard |
| Optical dowser | Standard |
| Picture-in-picture | Up to two sources simultaneously |
| Orientation | table -ceiling |
| WARP | preset values + custom |
| Integrated web server | Yes |
| 3D | Passive circular polarized (optional), active eyewear on Dual link DVI 120 Hz (standard) |
| Inputs | 2 x HDMI (HDCP 1,3); 5-BNC (RGBHV, RGBS/RGBsB;YUV); VGA (RGBHV, RGBS/RGBsB; YUV); cinch (RGBs, YUV); Composite video; S-Video; HSDI/3G HDSDI/SDI 3D dual link DVI/BarcoLink; 3D sync in/out BNC |
| Optional Inputs | N/A |

PRODUCT SPECIFICATIONS**RLM-W12**

| | |
|---|---|
| Input resolutions | From NTSC up to UXGA (1,600 x 1,200), including HDTV (1,920 x 1,200) |
| Max. pixel clock | 165 MHz |
| Software tools | Projector Toolset |
| Control | Mini-jack + IR, RS232, 12v trigger |
| Network connection | 10/100 base-T, RJ-45 connection |
| Power requirements | 90-240V / 50-60Hz |
| Max. power consumption | 1000W / Standby mode: |
| Noise level (typical at 25°C/77°F) | 43dB(A) |
| Operational ambient temperature | 0-40°C / 32°-104°F |
| Operational humidity | 0-80% (non condens) |
| Dissipation BTU | max 3412 BTU/h |
| Dimensions (WxLxH) | 500 x 631 x 270mm / 19.69 x 24.84 x 10.63 inches |
| Weight | 32kg (70.54 lbs) |
| Shipping Dimensions | (LxWxH) 830 x 669 x 448mm / 32,67 x 26,33 x 17,63 inches |
| Shipping Weight from Factory | 32kg (70.54 lbs) |
| Standard accessories | Power cord, wireless remote control, HDMI to DVI adaptor |
| Certifications | Compliant with FCC rules and regulations, part 15 Class A and CE EN55022 Class A, CE, TUV, RoHS, WEEE |
| Warranty | 3 years standard, 4th or 5th year optional |
| * | +/-10% |

Last updated: 21 Jan 2018

Technical specifications are subject to change without prior notice. Please check www.barco.com for the latest information.