

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: 24 Feb 2021

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