

BARCO FLM HD18 PROJECTOR



CREATIVE
TECHNOLOGY

ULTRA SILENT, COMPACT 18K LUMENS HD PROJECTOR

Barco's FLM HD18 is the quietest 18,000 lumens native HD projector on the market today. Being both extremely compact as well as extremely bright due to the liquid cooled optics (patent pending), the FLM projector is the perfect solution for rental applications in large events and venues. It also fulfills the ever-increasing need to project high brightness native HD images.

Thanks to the combination of three-chip Digital Light engine (DLP™) technology and Barco's powerful pixel map processing, you will enjoy sharp, vibrant video images, with remarkable colour depth and uniformity. It is the perfect projection solution for convincing and compelling presentations for large audiences.

Its exceptional brightness and near silent operation make it perfect for that special occasion where quality and high brightness cannot be compromised.



PRODUCT SPECIFICATIONS

Light output 16,000 ANSI Lumen / 18,000 Center Lumen
Resolution 1,920 x 1,080 (native)
Brightness uniformity > 90% for the total screen
Contrast ratio 1800 : 1 (full field) / High contrast mode: 2400 : 1 (full field)
Display 3 Chip DLP HD (resolution of 1920 x 1080 pixels (aspect ratio 16:9))
Features Picture-in-picture / Seamless switching with effects / Standard light shutter / Rigging point / High contrast mode / Internal soft edge blending
Picture-in-picture 2 sources simultaneously

Throw ratio	Lens	Throw Ratio
	TLD (HB) 0.8	0.7
	TLD (HB) 1.2	1.03
	TLD (HB) 1.2+	1.14
	TLD (HB) 1.6 - 2.0	1.35 - 1.70
	TLD (HB) 2.0 - 2.8	1.70 - 2.42
	TLD (HB) 2.8 - 5.0	2.42 - 4.35
	TLD (HB) 5.0 - 8.0	4.35 - 6.95

Lens shift Vertical: -10% to +110% / Horizontal: -50% to +50%

Mains voltage 200-240v

Power consumption 3600w

Inputs Configurable 5 cable (BNC) / DVI / (HD)SDI

Outputs HDSDI/ SDI loop out

Compatibility All current video sources (PAL, SECAM, NTSC) in Composite, S-Video Component or RGB formats
 All current HDTV sources / computer graphics formats from VGA, SVGA, XGA, SXGA, full HD, UXGA to QXGA
 Most Macintosh computers / Most computer sources with a pixel clock up to 300 MHz
 electronic workstations with a resolution up to QXGA (2048 x 1536 pixels at 60 Hz)
 DVI sources up to DC2K (2048x1080)

Input source compatibility Max. input: up to QXGA (2048 x 1536)

Screen size From 1-12m / 3-39ft. (recommended)

On board display server Ethernet control standard / remote control projector over ethernet via Projector Toolset

Ambient temperature Max 40°C (104°F)

Weight 99 kg (220 lbs)

Dimensions W x L x H: 707 x 1025 x 548 mm (27.8 x 40.3 x 21.5 inch) incl. carrying handle + rigging points



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