

BARCO FLM 20K PROJECTOR



CREATIVE
TECHNOLOGY



ULTRA QUIET, COMPACT 20K LUMENS PROJECTOR

Barco's FLM R20+ is the quietest 20,000 lumens projector on the market today. Not only is it extremely bright and compact but the FLM projector is designed to be the perfect solution for rental applications in large events and venues.

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. With a contrast ratio of 1800:1, it is the perfect projection solution for convincing and compelling presentations for large audiences.

The Barco FLM R20+, with its unique low video delay, is paramount when broadcasting live events.

It's exceptional brightness and near-silent operation make it perfect for that special occasion where quality and high brightness cannot be compromised. The Barco FLM R0+ is considered as the ultimate partner for multiple screen events and / or when projecting onto special surfaces.



PRODUCT SPECIFICATIONS

Light output	18,000 ANSI Lumen / 20,000 Center Lumen	
Resolution	1,400 x 1,050 (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 SXGA+ (resolution of 1400 x 1050 pixels (aspect ratio 4:3))	
Features	Picture-in-picture / Seamless switching with effects / Standard light shutter / Rigging point / High contrast mode / Electronic edge blending	
Picture-in-picture	2 sources simultaneous	
Throw ratio	Lens	Throw Ratio
	TLD (HB) 0.8	0.75
	TLD (HB) 1.2	1.1
	TLD (HB) 1.2+	1.23
	TLD (HB) 1.6 - 2.0	1.45 - 1.85
	TLD (HB) 2.0 - 2.8	1.85 - 2.55
	TLD (HB) 2.8 - 5.0	2.55 - 4.55
	TLD (HB) 5.0 - 8.0	4.55 - 7.3
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 (+ loop through)	
Outputs	HDSDI/ SDI loop out	
Compatibility	All current video sources (PAL, SECAM, NTSC) in Composite, S-VHS, 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)	
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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