HDF-W22

22,000 lumens, WUXGA, 3-chip DLP projector

The ultra-bright and reliable HDF-W22 projector is a perfect fit for any large venue or event that requires extra brightness to show clear, crisp images in a brightly lit environment.

Reliable and powerful projection

With a light output of 22,000 lumens, the HDF-W22 displays superior images even in venues with lots of ambient light. Thanks to its 3-chip DLP technology, Xenon illumination and high-contrast optical engine, the HDF guarantees crisp images with rich colors on every occasion. What's more, it is fully ready to support 3D projection. It has also been equipped with Barco's high-end **ImagePRO technology with Athena scaler** for flexible scaling.

Wireless control and preview mode

In addition, the versatile HDF-W22 offers extended wireless control features via smart phone or tablet computer. The HDF-W22's built-in color LCD screen provides all the information you need on your projector's status and allows you to preview your connected sources.

Designed for rental and staging

Building on Barco's experience in the rental and staging market with the proven FLM family, the HDF has been designed with the road in mind. Its compact and modular design make it simple to install and service. Equipped with a top or bottom frame, the rugged projector can easily be rigged as well.

BARCO

Visibly yours

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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.

Product specifications	HDF-W22
Projector type	WUXGA 3-chip DLP digital projector
Technology	0.96" DMD™ x3
Resolution	1,920 x 1,200
Brightness	22,000 center lumens / 20,000 ANSI lumens*
Contrast ratio	1,900:1 (standard) / 2,200:1 (high contrast mode)
Brightness uniformity	90%
Aspect ratio	16:10
ScenergiX	Horizontal and vertical edge blending
Lens type	TLD+
Lenses	0.73:1 ; 1.2:1 ; 0.8-1.16 ; 1.16-1.5:1 ; 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: -30% to +120% / Horizontal: -40% to +40% on zoom lenses (memorized)
Color correction	P7
Lamps	3.8 kW xenon
Lamp lifetime	1,000 Hrs
Transport with lamp	Yes
Lamp house, quick replace	Yes
Customer bulb replace	Yes
Lamp warranty (field replace/ factory replace)	90 days, 500 hours / pro rata 500 hours
Sealed DLP™ core	Standard
Optical dowser	Standard
Picture-in-picture	Two sources simultaneously
Orientation	table - ceiling - side (portrait)* - vertical * lamp door down/bottom
Others	can be controlled by DMX 512 console, warping
DMX 512	standard
WARP	Direct adjust OSD + toolset
Integrated web server	yes
CLO (constant light output)	Standard
3D	Active eyewear (optional), passive Infitec (optional), passive circular (optional), triple flash up to 200 HS
Inputs	DVI-I (HDCP including analog RGB YUV), SDI/HDSDI/Dual HDSDI/3G/BarcoLink
Optional Inputs	5-BNC RGBHV (RGBS/RGsB, YUV CS/SOY, Composite video, S-Video); DVI-I (HDCP including analog RGB YUV) + BarcoLink/SDI/HDSDI/Dual HDSDI/3G; 3D active input (HDMI/DisplayPort) feat. SENSIO 3D
Input resolutions	From NTSC up to QXGA (2,048 x 1,536)
Max. pixel clock	200 MHz
Software tools	Projector Toolset + Android app
Control	XLR wired + IR, RS232, Wifi, GSM (opt)
Network connection	10/100 base-T, RJ-45 connection, Wifi (optional)
Power requirements	200-240V / 50-60Hz
Max. power consumption	4,000W / STBY < 10W
Noise level (typical at 25°C/77°F)	58dB(A)
Operational ambient temperature	0-40°C / 32°-104°F
Operational humidity	0-80% (non condens)
Dissipation BTU	Max. 13660 BTU/h
Dimensions (WxLxH)	707 x 1,025 x 548mm / 27.83 x 40.35 x 21.57 inches

Product specifications	HDF-W22
Weight	99kg (218.25lbs)
Shipping Dimensions	(LxWxH) 1,200 x 980 x 760 mm / 47.24 x 38.58 x 29.92 inches
Shipping Weight from Factory	151kg (333lbs)
Standard accessories	Power cord; wireless/XLR wired rugged remote control, bottom rigging kit/clamps
Certifications	Compliant with UL60950-1 and EN60950-1complies with FCC rules & regulations, part 15 Class A and CE EN55022 Class A, RoHS
Warranty	3 years standard, extendable up to 5 years
*	+/- 10%

Last updated: 20 Oct 2016
Technical specifications are subject to change without prior notice.
Please check www.barco.com for the latest information.