

HDX-W20 FLEX

20,000 lumens, WUXGA DLP projector with light-on-demand option



Choose your brightness

One of the most striking features of the HDX-W20 *FLEX* projector is that it is standard equipped with the light-on-demand option for flexible light output. Thanks to this technology, you can fully tune the light output of the projector to your event: it can be programmed to a light output of 10,000 to 20,000 lumens in 2,000 incremental steps. In this way, rental companies have more flexibility to offer their customers the light output they want.

Flexible scaling

Building on Barco's renowned ImagePRO series with Athena™ scaler, the HDX projectors are equipped with on-board image processing for unlimited and flexible scaling. This boosts creativity and decreases the time it takes to get sources on screen.

Quick preview and wireless control

The HDX-W20 *FLEX*'s built-in color LCD screen provides you with all the information you need on your projector's connected sources, status, power, temperatures and lamp runtime and also allows you to preview your connected sources. Barco's HDX platform is designed for wireless control. Whether from one central PC or via the Android projector control app for smartphone or tablet computer, you remain connected to the HDX at all times.

3G/BarcoLink compatibility

The HDX-W20 *FLEX* has a native 3G HDSI/SDI input, which makes it compatible with progressive HD sources over a single BNC cable. This also means that the HDX allows for digital inputs that don't come through fragile DVI fiber cables. What's more, the projectors also feature BarcoLink which allows for progressive WUXGA 50/59.94/60 Hz signal distribution over a single BNC coax cable.

Compact projector with just five building blocks

As the HDX-W20 *FLEX* is the smallest and lightest 20K lumens projector on the market, it can easily be boxed and shipped, and it fits into standard flight cases. It features just five building blocks that can be removed and replaced quickly, so that time spent servicing the projector is kept to a bare minimum.

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Spécifications techniques

Type de projecteur	WUXGA 3-Chip DLP digital projector
Technologie	0.96" DMD x 3
Résolution	1920*1200
Luminosité	20,000 Center lumens 18,500 ANSI lumens
Taux de contraste	1850:1 (standard) - High contrast mode 2400:1
Uniformité de la luminosité	90%
Rapport d'aspect	16:10
ScenergiX	horizontal and vertical edge blending
Type de lentille	TLD +
Gamme de lentilles	TLD 0.73:1 ; 1.2:1 ; 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
Décalage de la lentille optique	Vertical: -10% to + 110% Horizontal: +/-30% on zoom lenses (memorized)
Correction des couleurs	P7
Lampes	2.5 kW Xenon
Durée de vie de la lampe (habituel)	1,000 hours
Transport avec la lampe	Yes
Boîtier de lampe, remplacement rapide	Yes
Remplacement de l'ampoule par le client	Yes
Garantie de la lampe (remplacement site/remplacement usine)	90 days, 500 hours/pro rata 750 hours
Cœur de processeur DLP™ scellé	Standard
Coupe-flux optique	Standard
Image dans l'image	Two sources simultaneously
Orientation	table - ceiling - side (portrait) - vertical
DMX 512	Standard
WARP	direct adjust OSD + toolset
serveur web intégré	Yes
CLO (constant light output/sortie lumineuse constante)	standard
3D	active eyewear (optional), passive Infitec (optional), passive circular (optional), triple flash up to 200Hz
Entrées	DVI- I (HDCP including analog RGB YUV) SDI/HDSDI/dual HDSDI/3G/BarcoLink
Entrées en option	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
Résolutions en entrée	From NTSC up to QXGA (2048 x 1536)
Horloge pixel max.	200 Mhz
Outils logiciels	Projection Toolset + Android app
Contrôle	XLR wired + IR, RS232, Wifi, GSM (opt)
Connexion réseau	10/100 Base-T, RJ-45 conn, Wifi (optional)
Alimentation CA	200-240 V / 50-60 Hz
Consommation	2850 W STBY

Niveau sonore (habituel à 25 °C/77 °F)	53 dB (A)
Température de fonctionnement	0 ~ 40°C / 32 ~ 104°F
Humidité de fonctionnement pas de condensation	0% - 80%
Dissipation BTU	Max. 9725 BTU/h
Dimensions (l x L x H)	475 x 725 x 382 mm (18.70" x 28.54" x 14.96")
Poids	50kg (110lbs)
Dimensions à l'expédition	(LxWxH) 900 x 650 x 560 mm (35,43" x 25,59" x 22,04")
Accessoires standard	Power cord; wireless/XLR wired rugged remote control
Certifications	Compliant with UL60950-1 and EN60950-1, complies with FCC rules & regulations, part 15 Class A and CE EN55022 Class A, RoHS
Garantie	2 years standard, extendable up to 5 years