

BX220 Ultimate versatility for perfect business

The exceptional functionality of the BX220 will exceed your requirements when delivering successful business presentations. Present at anytime, anywhere with vivid imagery and easy to use functionality.



Ultimate versatility for perfect business

BX220



SPECIFICATION

- Feature**
- Pure color reproduction
 - Robust magnesium alloy cabinet
 - GD Award Winner
 - CES 2005 Innovation Awards Winner
 - Sliding type lens cap
 - Hidden side connection
- Performance**
- 0.55" DMD, XGA (4 : 3, 1024 x 768)
 - 2.9kg
 - 1800 ANSI
 - Contrast Ratio 2000:1
 - Extremely Low Noise <25dB
 - DVI-D, S-Video, USB, RGB, Component etc.



OXDD DESIGN

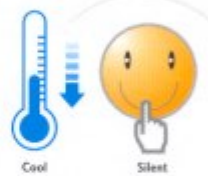


Model		BX220
Brightness ANSI lumens	Normal / Silent	1800 ANSI / 1300 ANSI
Contrast	Full On / Off	2000 : 1
Weight (kg)		2.9 kg
Dimension (H x W x D, mm)		330 x 220 x 95 mm
Uniformity (%)		85%
Throw dist (meter)		1.1 ~ 13.0 meter
Image size (inches)		30" ~ 300"
Lens	Focal length Zoom	19.6 ~ 23 mm Manual (1.2x)
Digital keystone correction		Vertical Keystone $\pm 15^\circ$
Compatibility	HDTV EDTV / 480p SDTV / 480i Component Video Composite S-Video Digital Input PC Input (D-sub 15 pin) PC Sound In USB Port RS-232C Control etc.	1080i, 720p 576p, 480p 576i, 480i Yes (RCA to D-Sub Cable) Yes Yes DVI with HDCP Yes No Yes Yes NTSC, PAL, SECAM, NTSC4.43, PAL-M, PAL-N
Lamp	Type Life (Normal / Silent mode)	NSH 200W 2,000 / 3,000 hours
Display	Type Native Maximum Aspect Ratio	0.55" DMD 1024 x 768 (XGA) 1280 x 1024 (SXGA) 4 : 3 & 16 : 9
Power consumption		260W
Voltage		AC 100 ~ 270V, 50Hz/60HzB
FCC class		A
Noise	(Silent mode)	<25 dB
Optional accessory	Carry bag Ceiling mount kit Lamp	Yes Yes Yes

USP

ICND

(Integrated Cooling & Noise Control Design)
 LG developed innovative Active Control Algorithm that realize the optimized cooling and noise condition by detecting altitude and environment with the minimum of 2 sensors.
 It controls cooling of projector in total 48 types of different environment and LG holds 3 patent with this technology.



Decentered Optical Design

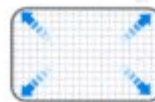
Enhanced brightness and uniformity with the shifted optical axis.

Illuminating Optical System with Shifted Optical Axis



Pattern of Illumination with Shifted Optical Axis

High Uniformity



High Brightness



Pattern of Illumination with Tilted Optical Axis

User Friendly Color Adjustment

Users can control the color temperature satisfying their own tastes for vivid image.



User Friendly Gamma Control

Users can control the gamma level to optimize the picture quality to their tastes. Low light is perfect for film and high light for sports and games using 12 bit gamma adjustment.



Motion Adaptive De-interlacer

displays upto 1080i and LG's own Automatic Horizontal Moving Picture Compensation (AHMPC) provides the most active image.

Adaptive Dynamic Contrast

Control System (ADCCS) analyzes pictures and optimizes the contrast and sharpness of image onto the screen.