



# BX277

ALL IN ONE 3D PROJECTOR

# OVERVIEW

## RESOLUTION



## BRIGHTNESS (ANSI-LUMEN)



## CONTRAST RATIO



## LAMP LIFE (HOURS)



# FEATURE

## NO CLOLR DECAY & COST SAVING

### No Color Decay: Reliable Picture Quality

LG Projectors that use DLP technology are virtually immune to color decay – the yellow/green tint that some projector images develop over extended periods of usage. Because DLP® projectors enjoy a technological advantage in protecting against color decay, they offer an extended lifespan – lasting year after year.

### Filter-Free Design: Easy to Maintain, Easy on Your Budget

LG DLP® projectors use a filter free design to eliminate the need for filter cleaning and filter replacement, which Not only reduces labor for support staff, but also saves money for companies or schools.

#### PROJECTOR IMAGE WITHOUT COLOR DECAY



LCD

DLP



### Maintenance

This section describes the simple maintenance Procedures you should follow to clean the filters And replace the lamp.

#### Cleaning or Replacing the Filters

The air-filter sponge keeps dust and dirt from getting inside the projector and should be cleaned after every 100 hours of operation (more often in dusty conditions). If the filer is dirty or clogged, your projector may overheat.

#### CAUTION

- Turn off the projector, turn off the main power Switch and unplug the projector before replacing the filters.
- Only clean the outside of the filter cover with a vacuum cleaner.
- Do not attempt to operate the projector without the filter cover.

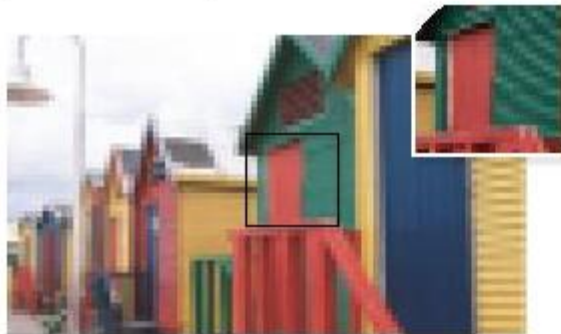
# FEATURE



## XGA NATIVE RESOLUTION



The BX277 offers native 1024x768 XGA resolution, 2700 ANSI lumens and a 2300:1 contrast ratio.  
(max resolution: SXGA)



SVGA



XGA

# FEATURE



## 2700 ANSI LUMENS

2700 ANSI-lumens High brightness makes the BX277 capable of displaying a bright, easy viewed image under lighted zone.



## 2300:1 HIGH CONTRAST RATIO

The high 2300:1 contrast ratio means fine details and subtle color differences are rendered vividly even in darkly lit scenes.



## OFFICE FILE VIEWER

### File Viewer

File viewer function enables user to show ppt or excel file by simply insert USB memory to BX277 without converting original file (Available with PPT, EXCEL, WORD, PDF file)



# FEATURE



## HD DIVIX FUNCTION

HD DivX player via USB 2.0

You can see a movie by simply insert USB memory or External HDD to BX277

You don't need laptop computers or DVD player to see a movie



USB EXT. HDD



MEMORY CARD



USB MEMORY



# FEATURE



## 5W STEREO SPEAKER

Powerful sound with 5W stereo speaker



# FEATURE



## BRILLIANT COLOR



Vivify Your World with BrilliantColor™

LG Projectors, the first to adopt BrilliantColor™ Technology, with BrilliantColor™ deliver unsurpassed color range, depth, and vibrancy far beyond the conventional color space to capture hard-to-produce vivid yellows, cyan, and magenta. BrilliantColor™ and LG breathe life into every image!



ORIGINAL COLOR



WITH BRILLIANTCOLOR™



# FEATURE



## VARIOUS INPUT & OUTPUT TERMINAL



# FEATURE



## HDMI 1.4A

HX277 supports HDMI 1.4a the latest HDMI technology to support various type of 3D contents



## 3D OPTIMIZER

One & only real perfect solution available for 3D projection



LG projector's 3D Optimizer makes BX277 3D Compatibility with various 3D formats.



**LG BX277  
3D FORMAT COMPATIBILITY**






-  Frame Sequence
-  Top Bottom
-  Side by Side
-  Frame Packing  
(HDMI 1.4)

- LG BX277 is the one & only projector that is compatible with various 3D formats.

- › Almost 90% of Current 3D contents 3D format is made by Top/Bottom or Side/Side.

- LG BX277 is the one & only projector that is compatible with various 3D format among retail price \$1,000 affordable projectors.

**OTHER BRANDS'  
DLP LINK 3D READY PROJECTOR'S  
3D FORMAT COMPATIBILITY**





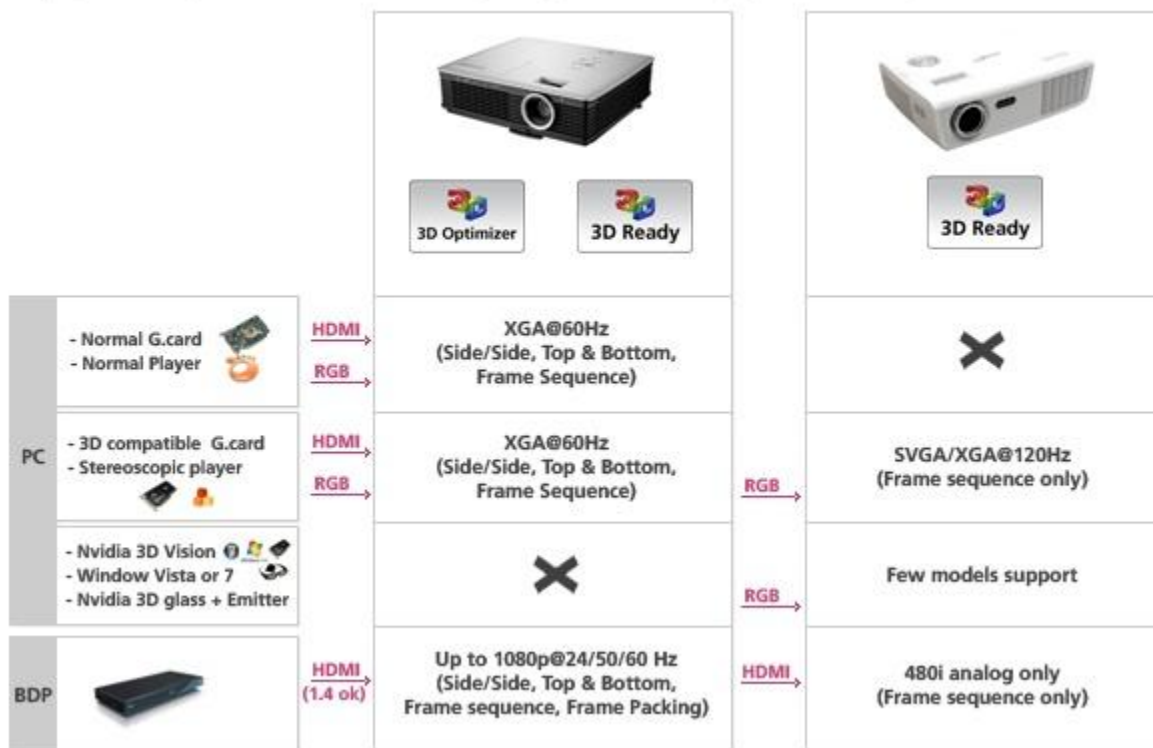
-  Frame Sequence
-  Top Bottom
-  Side by Side
-  Frame Packing  
(HDMI 1.4)

# FEATURE



## 3D OPTIMIZER

LG projector's 3D Optimizer makes BX277 3D Compatibility with various 3D play devices including HDMI.



# FEATURE

## EXPERT COLOR MANAGEMENT

This function allows the users to separately control the Gain (contrast), saturation and the color tone of Red, Green, Blue, Cyan, Mgt and Yellow.



## PRESENTATION TIMER

"Presentation Timer" function is useful when a user wants to be notified about the presentation time limit or assignment execution time.



## QUICK POWER ON/OFF

LG BX277 can displays its full-bright picture within 12 sec from power on and shut down the cooling operation within 10 sec.  
So, User can save the waiting time before and after of usage.



## FRONT EXHAUST

Front Exhaust Minimize user inconvenience by exhausting hot air to front side



## AUTO – ALTITUDE DETECTION

Cooling Fan Driving by Auto Altitude Detection



# SPECIFICATION

Projection System		DLP
Display Technology		0.55" DMD S450(DP2431)
Native Resolution		XGA(1024x768)
Brightness(ANSI-Lumens)		2700
Contrast Ratio(FOFO)		2300:1
Noise	High Brightness	35dB
	Economic	32dB
Uniformity		>90%
Color wheel		4 segments(RGBW)
Projection Lens	Focus	Manual
	Zoom	Manual 1.17x
Projection Image	Standard	100"@4.0m (↑)
	Throw Ratio	1.94/2.27
Projection Offset		115%
Lamp	Type / Maker	UHP/230W
	High Brightness	3000hrs
Life time	Economic (Eco mode)	4000hrs

General Specification		DLP
Menu Language		Korean/English/French/Spanish/German/Italian/Swedish/Portugues/Chinese Simplified/Polish/Brazilian Portuguese
Aspect Ratio Correction		Native 4:3, Support Just Scan/Set By Program / 16:9/Zoom/Cinema Zoom
Sound		5W+5W Stereo
Dimension (WxHxD, mm)		292x260x80
Weight		3.5Kg
Power Consumption		298W
Stand by Power		< 1W
Power Supply		AC (100~240 free voltage), 50/60Hz
Input Signal Compatibility	Digital(HDMI)	1080p/1080i/720p/576p/480p up to 1600x1200@60
	RGB	up to 1680x1200@60
	Component Video	1080p/1080i/720p/576p/576i/480p/480i
	Composite Video	NTSC/NTSC4.43/PAL-M,N,60,B,D,G,H,I/SECAM

# SPECIFICATION

INPUT/OUTPUT Terminals	DLP
RGB in	2
RGB(PC) Audio in	2
RGB out	1
Composite(AV) in	1
S video	-
Component (YPbPr)	2(thru RGB)
Audio out	1
RS-232C	1
RJ45	1 (Ethernet)
HDMI	1 (Ver 1.4_3D)
USB	1 (Photo, Movie, Music, Fileviewer)

Special Features	DLP
Digital Keystone Correction	O (Vertical) $\pm 15^\circ$
Picture Still	O
Auto Source Detection	-
Quick Power on/off	O (On-12sec, Off-30sec)
Auto Sleep	O (Off/10/20/30/60/90/120/180/240)
Blank	O (Blue, Green, Black, Logo, Captured image)
Image Flip	O(Horizontal / Vertical)
Color Temperature	O
Lens Shift	-
Over Scan	-
Brilliant Color™	O
Black Level Control	O (High / Low)
Expert control	O
VIDI™	-
3D Ready	O(DLP Ready Type, HDMI ver.1.4_3D)
Picture Quality Certification	-

Added Features	DLP
USB Host (MP3, DivX, Photo) Divx Player	O
File viewer (Office, PDF, HWP)	O
FM Wireless Audio	-

Design	DLP
Cabinet Color	DDM Silver
Local Key	O
Kensington Lock	O
Lamp	Top Replacement

Accessory	DLP
Carry Bag	-
Manual	O (CD)
Remote control	O
RC Battery	AAA*2EA
Cable	D-sub, Power cord
Etc.	-
Safety Regulation	CE,CB,FCC,UL,KCC,KC,Class-B, 친환경,