

HD VIDEO

BD590

NETWORK BLU-RAY DISC™ PLAYER
WITH 250GB MEDIA LIBRARY

HIGHLIGHTS

Built-In Media Library
Integrated Wi-Fi® Connectivity
NetCast™ Entertainment Access



FEATURES

- Built-In Media Library
(250GB internal hard drive)
- Integrated Wi-Fi Connectivity
- NetCast Entertainment Access*
(Netflix® Instant Streaming Ready, Vudu™, YouTube™, Roxio® CinemaNow, Pandora® Internet Radio, Picasa™ Web Albums and AccuWeather®)
- Home Link
- DNLA® Certified
- Full HD 1080p
- Blu-ray Disc, DVD and CD Playback
- Superior Audio Performance
- Express Reaction Startup
- MusicID®
- ENERGY STAR® Qualified
- BD-Live
- USB 2.0 (Videos, Music & Photos)
- DivX® HD
- SIMPLINK™ Connectivity
- DTS-HD Master Audio Essential™
- Dolby® TrueHD
- Digital Audio Output



Is it a Blu-ray Disc player? Or something better?

Move beyond the amazing capabilities of Blu-ray technology and instant streaming entertainment with the BD590. You're not just getting the best way to enjoy Full HD 1080p or the unparalleled entertainment options of being hooked up to NetCast Entertainment Access. This is fully loaded with a 250GB Media Library that lets you store videos, music, photos and HD movies downloaded from Vudu. This is something better.



The Media Library integrated hard drive allows for easy storage and instant playback of music, photos, personal videos and video entertainment content available through the Vudu movie service.



Less clutter. More possibilities. Cut loose from messy wires. Integrated Wi-Fi Connectivity allows you take advantage of NetCast Entertainment Access from any available Wi-Fi connection, anywhere in its range.



Entertainment on tap. The end of "there's nothing on." NetCast Entertainment Access lets you stream instant, and virtually endless, entertainment from Netflix, Vudu, CinemaNow, Pandora, Picasa, AccuWeather and YouTube direct to your TV from the Internet - no computer required.



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DISC PLAYBACK CAPABILITY

Disc Capacity	1
Blu-ray Disc™	•
BD-R/RE	•
DVD-VIDEO	•
DVD±R/RW	•
Audio CD	•
CD-R/RW	•

VIDEO CONTENT FORMAT

DivX®/DivX HD	•
MPEG4 AVC, HP@L4.1	•
MPEG2, HP@ML	•
SMPTE VC1, AP@L3	•
MPEG2, HP@ML	•
AVCHD	•
MKV	•

APPLICATIONS

Home Link (DNLA® Client)	•
Blu-ray BonusView	•
Blu-ray BD-Live	•
MusicID®	•

HOME LINK PLAYABLE CONTENT FORMAT

DivX®/DivX HD	•
MPEG2 TS/PS	•
MPEG1 SS	•
XVID	•
MKV	•
AVI	•
WMA	•
MP3	•
AC3	•
AAC	•
JPEG	•
PNG	•

BROADBAND

Wireless Networking Access	•
Wi-Fi® Certified	802.11b/g/n (2.4GHz band only)
NetCast™ Entertainment Access	•
Netflix® Instant Streaming Ready	•
Vudu™ (Streaming)	•
YouTube™	•
Roxio® CinemaNow	•
Pandora® Internet Radio	•
Picasa™ Web Albums	•
AccuWeather®	•

HARD DISC DRIVE

Storage Capacity*	250GB
HD Video	Up to 35 Movies
SD Video	Up to 160 Movies
MP3	Up to 88,000 Songs
Photos	TBD

VIDEO CAPABILITIES

Digital/Analog Conversion	162MHz/12bit
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VIDEO CAPABILITIES (CONTINUED)

NTSC Hz	60Hz
Deep Color (HDMI™)	•
x.v.Color™ (HDMI™)	•
Composite Output	480i
Component Output	Up to 1080i
HDMI™ Output	Up to 1080p (24 & 60Hz)

AUDIO CAPABILITIES

Digital/Analog Conversion	192KHz/24bit
Signal/Noise Ratio	100dB
DTS™	•
DTS-HD Master Audio™	•
Dolby® Digital	•
Dolby® Digital Plus	•
Dolby® TrueHD	•
2ch Down Mix	•
LPCM	•

REAR PANEL INPUTS/OUTPUTS

Composite Video Out	1 (rear)
Component Video Out	1 (rear)
HDMI™ Out	1 (rear)
Analog Audio Out (L/R)	1 (rear)
Digital Out (Coaxial)	1 (rear)
Digital Out (Optical)	1 (rear)
LAN Port (RJ-45)	1 (rear)
USB 2.0 In	1 (front)

INCLUDED ACCESSORIES

A/V Cable	1 (RCA Type)
Nero MediaHome Bundle Disc	1 (LG Edition)
Remote Control	1 (Universal)
Batteries	2 (Size AAA)

POWER

Power Requirements	AC 120V~, 60Hz
Power Consumption	29W
Operating Temperature	41°F to 95°F
Operating Humidity	5% to 90%
ENERGY STAR® Qualified	•

DIMENSIONS & WEIGHT

Unit Dimensions (WxHxD)	16.9" x 2.0" x 11.0"
Shipping Dimensions (WxHxD)	19.8" x 4.9" x 15.4"
Unit Weight	7.0 lbs
Shipping Weight	9.3 lbs

WARRANTY/UPC

Limited Warranty	1 Year Parts/90 Days Labor
UPC	719192577381

REMOTE/JACK PACKS



LGusa.com

LG Electronics U.S.A., Inc.

1000 Sylvan Avenue Englewood Cliffs, NJ 07632

Customer Service and Technical Support: (800) 243-0000

NetCast internet connection & subscriptions required and sold separately. Design, features and specifications are subject to change without notice. Non-metric weights and measurements are approximate.

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