



LCD TV

32LH20

32" Class High Definition LCD TV
(31.5" diagonal)



The LH20 Series is a feature rich HDTV available in a size for every room.

TV

- 720p HD Resolution
- 30,000:1 Dynamic Contrast Ratio
- 6ms Response Time (GTG)
- 450 cd/m² Brightness
- Wide Color Gamut
- Wide Viewing Angle
- XD Engine[®]
- 24p Real Cinema
- ISFccc[®] Ready
- Picture Wizard
- AV Mode II (Cinema, Sports, Game)
- 60,000 Hour Panel Life (typical)
- NTSC/ATSC Tuners with Clear QAM

AUDIO

- Output Power: 10W x 2
- Invisible Speaker System
- Clear Voice II
- SRS TruSurround XT[™]
- Smart Volume Controller
- Dolby[®] Digital 5.1 Decoder

SMART ENERGY SAVINGS

- Backlight Control
- Video Mute
- ENERGY STAR[®] 3.0 Compliant

CONNECTIVITY

- 2 HDMI[™] V1.3 with Deep Color
- SIMPLINK[™] Connectivity
- 1 HD Component Video Inputs
- 1 Composite Input
- 1 Digital Audio Out (Optical)
- PC Connectivity (D-sub 15pin)
- RF Antenna Input

CORE
TECHNOLOGIES

AV
MODE II

invisible
SPEAKER II

CLEAR
VOICE II

Picture
Wizard

HDTV
HIGH DEFINITION TELEVISION

XD
ENGINE

24
REAL
CINEMA

isf
ccc

SIMPLINK

SRS
TruSurround XT
DIGITAL

Smart Volume
Controller

DOLBY
DIGITAL

Smart
Energy
Saving

ENERGY
STAR

HDMI
HIGH DEFINITION MULTIMEDIA INTERFACE

20°
Swivel Stand

32LH20

32" Class High Definition LCD TV
(31.5" diagonal)



LCD SPECIFICATION

Screen Size (Class)	32" Class (31.5" diagonal)
Native Display Resolution	1366 x 768p
Brightness (cd/m ²)	450
Dynamic Contrast Ratio	30,000:1
Viewing Angle	178° / 178°
Response Time	6ms
True Viewing Angle	•
Life Span (Typical)	60,000 hrs

BROADCASTING SYSTEM

Analog	•
ATSC/NTSC/Clear QAM	•

VIDEO

XD Engine	•
Aspect Ratio	16:9
Aspect Ratio Correction	6 Modes
Just Scan (1:1 Pixel Matching)	•
- HDMI	1080p/1080i/720p
- Component	1080p/1080i/720p
- RF	1080i/720p
Enhanced Noise Reduction (Video Noise Filter)	• (3D & MPEG)
Color Temperature Control	3 Modes
24p Real Cinema	• (2:2)
3:2 Pulldown	•
Picture Reset	•
AV Mode II (Picture & Sound)	3 Modes
ISFccc Ready	•
xvYCC	•
DTV Signal Strength Indicator	•

AUDIO

Mono/Stereo/Dual (MTS/SAP)	•
Audio Output Power (Watts - THD 10%)	10W + 10W
Invisible Speaker System Details	1 Way 2 System
Dolby Digital 5.1 Decoder	•
Surround System Type	SRS TruSurround XT
Bass/Treble/Balance Controls	•
Clear Voice II	•
Auto Volume Leveler II	•
Sound Mode	5 Modes

SPECIAL FEATURES

Picture Wizard	•
Backlight Control	•
Smart Energy Saving	•
Mechanical Power Off	•
1080p Source Input	•
- HDMI	60p/30p/24p
- Component	60p/30p/24p
- RGB	WXGA
A/V Input Navigation	•
Input Labeling	•
Quick View (Previous Channel)	•
Quick Setup Guide	•
e-Manual	•
Parental Control w/V-Chip	•
Key Lock	•
Closed Caption	•
LG SIMPLINK (HDMI CEC)	•

CONVENIENCE FEATURES

Language	English/Spanish/French/Korean
Auto Tuning/Programming	•
Channel Add/Delete	•
Channel Labeling	•
Favorite Channel Programming	•
Auto/Manual Clock	•
On/Off Timer	•
Sleep Timer	•
Auto Off/Auto Sleep (When no video is present)	•

REAR AUDIO/VIDEO INPUTS/OUTPUTS

RF In (Antenna/Cable)	1
L/R Audio/Composite Video In	1
HD Component Video In (Y,Pb,Pr) + L/R Audio	1
Digital Audio Out (Optical)	1
HDMI/HDCP Input	2 (V1.3 with Deep Color)

REAR AUDIO/VIDEO INPUTS/OUTPUTS (CONTINUED)

RGB In (D-Sub 15pin) - PC	1
PC Audio Input	1
RS-232c In (Control/Service)	1
USB (Service only)	1

CABINET/ACCESSORIES

Cabinet Color	Glossy Black
Swivel Stand (degrees)	20° / 20°
VESA® Compliant (W x H)	200mmx100mm
Remote Control Type	Unified

POWER

Voltage, Hz	100V - 240V, 50/60 Hz
On Mode (Average)	84.1W
Stand-by Mode	>1W

ENERGY STAR 3.0 Compliant

DIMENSIONS & WEIGHT

TV without stand (WxHxD)	31.7" x 20.8" x 3.1"
TV with stand (WxHxD)	31.7" x 23.0" x 8.8"
Shipping Dimensions (WxHxD)	38.7" x 24.6" x 7.4"
TV without stand weight	22.9 lbs
TV with stand weight	25.4 lbs
Shipping weight	29.1 lbs

WARRANTY/UPC

Limited Warranty	1 Year Parts & Labor
UPC	719192174931

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LG Electronics U.S.A., Inc.

1000 Sylvan Avenue Englewood Cliffs, NJ 07632
Customer Service and Technical Support: (800) 243-0000