

LED LCD CINEMA 3D TV

LM5800 SERIES



When you have 3D at home with the LM5800 Series, entertainment takes on a whole new dimension. Get all the depth and excitement of the 3D you experience in the theater with LG Cinema 3D and see it in stunning picture quality with LG's LED display technology.



PICTURE QUALITY

- Edge LED
- Full HD 1080p Resolution
- Triple XD Engine
- TruMotion 120Hz

CINEMA 3D

- Comfortable 3D Glasses (4 Pairs Included)
- 2D to 3D Conversion w/Depth Control

DESIGN

- Slim & Narrow



Want to experience the immersive 3D experience of the movie theater at home? With LG Cinema 3D technology you can. Enjoy amazing 3D effects, comfortable, lightweight glasses, 2D to 3D content conversion, 3D depth control and a clear picture from virtually any angle.¹

You won't believe your eyes. Tired of dark scenes or dull colors? LG's LED technology provides a slim profile and delivers amazing brightness, clarity and color detail, as well as greater energy efficiency compared to conventional LCD TVs.

Less blur. More action. TruMotion 120Hz technology lets you see sports, video games and high-speed action with virtually no motion blur. Now your TV can keep up with your fast-moving entertainment.

WANT AN LED CINEMA 3D TV WITH MORE? UPGRADE TO THE LM6200 SERIES FEATURING LG SMART TV >>



PANEL SPECIFICATIONS

| | | |
|------------------------------|-----------------|----------------------------|
| Screen Size Class (diagonal) | 55LM5800 | 55" Class [54.6" diagonal] |
| | 47LM5800 | 47" Class [46.9" diagonal] |
| | 42LM5800 | 42" Class [42.0" diagonal] |
| Resolution | 1920 x 1080p | |
| BLU Type | Edge LED | |
| Response Time | TruMotion 120Hz | |
| Dynamic Contrast Ratio | 5,000,000:1 | |

BROADCASTING SYSTEM

| | |
|---------|-------------------------------|
| Analog | • |
| Digital | ATSC/NTSC/Clear QAM [1 Tuner] |

VIDEO

| | | |
|---|--|------------------|
| Triple XD Engine | • | |
| Picture Mode | 8 Modes (Intelligent Sensor/Vivid/Standard/Cinema/ Game/ISF Expert 1/ISF Expert 2/Sport) | |
| Picture Wizard II | • | |
| Aspect Ratio | 6 Modes (16:9/Just Scan/Set by Program/4:3/ Cinema Zoom 1/Zoom) | |
| Just Scan (1:1 Pixel Matching) 0% OverScan | HDMI | 1080p/1080i/720p |
| | Component | 1080p/1080i/720p |
| | RF | 1080p/1080i/720p |
| AV Mode (Picture & Sound) | 4 Modes (Cinema/Sport/Game/Off) | |

AUDIO

| | |
|--------------------------------|--|
| Mono/Stereo/Dual [MTS/SAP] | • |
| Dolby Digital Decoder | • |
| Speaker System | 1 Way 2 Speakers |
| Audio Output (Watts - THD 10%) | 10W + 10W |
| Virtual Surround | • |
| Clear Voice II | • |
| Sound Mode | 5 Modes [Standard/Music/Cinema/Sport/Game] |

3D FEATURES

| | |
|--------------------------------------|---------------|
| 3D Type | FPR [Passive] |
| 3D Format Auto Correction | • |
| 3D to 2D | • |
| 2D to 3D | • |
| 3D Depth Control [2D to 3D Only] | 20 Levels |
| 3D Viewpoint Control [3D & 2D to 3D] | 20 Levels |

CONNECTIVITY

| | |
|--------------------------|---|
| DLNA [Movie/Photo/Music] | • |
| SIMPLINK [HDMI CEC] | • |

SPECIAL FEATURES

| | |
|---------------------|--|
| Intelligent Sensor | • |
| Smart Energy Saving | • [Backlight Control + Intelligent Sensor] |
| Input Labeling | • |
| Closed Caption | • |

CONVENIENCE FEATURES

| | |
|------------------------------|-----------------------------------|
| Languages | 4 [English/Spanish/French/Korean] |
| Auto Tuning/Programming | • |
| Channel Add/Delete | • |
| Favorite Channel Programming | • |
| On/Off Timer | • |
| Sleep Timer | • |
| Auto Off/Auto Sleep | • |

AV INPUTS/OUTPUTS

| | |
|---|-------------------|
| RF In (Antenna/Cable) | 1 [Rear] |
| AV In | 1 [Rear] |
| Component Video In [Y, Pb, Pr] + Audio | 2 [Rear] |
| Digital Audio Out (Optical) | 1 [Rear] |
| HDMI™/HDCP Input | 3 [2 Rear/1 Side] |
| RGB In [D-Sub 15 Pin] - PC | 1 [Rear] |
| PC Audio Input | 1 [Rear] |
| USB 2.0 | 1 [Side] |
| LAN | 1 [Rear] |

CABINET / ACCESSORIES

| | |
|---------------------|-------------------|
| Swivel (Right/Left) | 20°/20° |
| VESA Compatible | • [400mm x 400mm] |
| Remote Control | Standard |
| 3D Glasses | 4 Pairs Included |

POWER

| | | |
|----------------------------|----------------------|------|
| ENERGY STAR® Qualified | • | |
| Power Supply (Voltage, Hz) | 100V ~ 240V, 50/60Hz | |
| Power Consumption | 55LM5800 | XXXW |
| | 47LM5800 | XXXW |
| | 42LM5800 | XXXW |
| On Mode | TBD | |
| Standby Mode | 0.1W | |

DIMENSIONS / WEIGHT

| | | |
|-----------------------------|----------|-----------------------|
| TV without Stand [WxHxD] | 55LM5800 | 49.7" x 29.7" x 1.4" |
| | 47LM5800 | 42.9" x 25.8" x 1.4" |
| | 42LM5800 | 36.7" x 23.4" x 1.4" |
| TV with Stand [WxHxD] | 55LM5800 | 49.7" x 32.4" x 12.4" |
| | 47LM5800 | 42.9" x 28.4" x 10.6" |
| | 42LM5800 | 36.7" x 26.0" x 10.6" |
| Shipping Dimensions [WxHxD] | 55LM5800 | 61.8" x 34.7" x 7.5" |
| | 47LM5800 | 52.0" x 31.9" x 5.3" |
| | 42LM5800 | 47.1" x 30.3" x 4.7" |
| TV without Stand Weight | 55LM5800 | 48.3 lbs |
| | 47LM5800 | 34.4 lbs |
| | 42LM5800 | 28.9 lbs |
| TV with Stand Weight | 55LM5800 | 56.2 lbs |
| | 47LM5800 | 40.0 lbs |
| | 42LM5800 | 34.4 lbs |
| Shipping Weight | 55LM5800 | 68.8 lbs |
| | 47LM5800 | 47.8 lbs |
| | 42LM5800 | 41.9 lbs |

WARRANTY / UPC

| | | |
|------------------|----------------------|--------------|
| Limited Warranty | 1 Year Parts & Labor | |
| UPC | 55LM5800 | 719192585256 |
| | 47LM5800 | 719192585225 |
| | 42LM5800 | 719192585195 |

*For a small percentage of the population, the viewing of stereoscopic 3D video technology may cause discomfort such as headaches, dizziness or nausea. If you experience any symptoms, discontinue using the 3D functionality and contact your health care provider. 4 pairs of 3D glasses included. Additional 3D glasses sold separately.

Design, features and specifications are subject to change without notice. Non-metric weights and measurements are approximate.

© 2012 LG Electronics USA, Inc. All rights reserved. "LG Life's Good" is a registered trademark of LG Corp. All other product and brand names are trademarks or registered trademarks of their respective companies. 01/24/12