

50" DLP™ HDTV

50ML8105D

Superior picture quality

with the latest in DLP™ technology

The latest DLP™ projection technology delivers razor sharp images and brilliant colors for extra viewing enjoyment in your home entertainment set up.

Immersive entertainment experience

- High definition DLP™ HD4, resolution 1280 x 720p
- Integrated Digital TV Tuner to receive and watch broadcasts
- Progressive Scan for razor-sharp and flicker free images
- 3D comb filter separates colors for a crisp image

Bigger experiences, less space

- slim, lightweight design only 15.3" deep and 114 lbs

Advanced connectivity

- Most modern and highest quality HDMI connectivity
- 2x component video (Y_PP_R) input for high quality reproduction
- D-Sub/VGA PC connectivity

One touch convenience

- Plug & Play for easier installation
- Smart Picture and Smart Sound provide optimized settings
- PIP for watching 2 programs at the same time

Preliminary



MAGNAVOX
SMART. VERY SMART.

50" DLP™ HDTV

50ML8105D/17

Preliminary

Technical specifications

Picture/Display

- Aspect ratio: wide screen 16:9
- Diagonal screen size: 50"
- Display technology: Digital Light Processing DLP™ HD4 with Smooth Picture
- contrast ratio: 1200:1
- Picture enhancement: Progressive Scan, 3D comb filter, 3:2 pull down film-mode detection, Smart Picture
- Viewing angle (vertical): 120 degree
- Viewing angle (horizontal): 160 degree

Connectivity

- Input 1: S-Video & Composite video + L/R audio
- Input 2: S-Video & Composite video + L/R audio
- Input 3: YP_BP_R & Composite video + L/R audio
- Input 4: YP_BP_R & Composite video + L/R audio
- Input 5: HDMI
- Input 6: PC/VGA (D-Sub 15p + audio)
- Input 7 (front): S-Video & Composite video + L/R audio
- Output (front): earphones
- RF input: ATSC/NTSC combo tuner
- SPDIF coaxial digital audio output (ATSC only)
- Analog audio out (L/R)

Convenience

- Local controls: front panel keypad
- Long lamp life: > 4,000 hours
- manual and OSD/menu in 2 languages: US English and Spanish
- Picture In Picture (PIP)
- Ease of Use: Smart Sound control, Smart Picture control
- Ease of Installation: PLL Digital Tuning
- Child Protection: Parental Control, Child Lock
- Remote control type: RC-47SLO (RC-6)

Sound

- Output power (RMS): 2x 15W
- Sound enhancement: Smart Sound

Tuner/Reception/Transmission

- TV system: NTSC, ATSC
- Aerial input: 75 Ohm F-type
- Video playback: NTSC
- Closed Caption function

Supported Display Resolution

- Computer formats: 640 x 480 60Hz, 800 x 600 60Hz, 1024 x 768 60Hz, 1280 x 720 60Hz
- Video formats: 720p 60Hz, 1080i 60Hz, 480p 60Hz, 480i 60Hz

Power

- Hot re-strike time: < 45s
- Power consumption: < 300W
- Standby power consumption: < 5W
- Mains power: AC 100-240V 50-60Hz

Dimensions

- Product dimensions (WxDxH): 46.7" x 15.3" x 36.1"
- Product weight: 114 lbs

Product highlights

Progressive Scan

Progressive Scan doubles the vertical resolution of the image resulting in a noticeably sharper picture. Instead of sending a field comprising the odd lines to the screen first, followed by the field with the even lines, both fields are written at one time. A full image is created instantaneously, using the maximum resolution. At such a speed, your eye perceives a sharper picture with no line structure.

3D Digital Combfilter

The 3D digital Combfilter performs field-by-field comparisons of the television image to accurately separate the color from the black-and-white information and remove both horizontally and vertically hanging dots, as well as dot crawl. This eliminates cross-color, cross-luminance and dot-crawl distortion. Diagonal Resolution is enhanced and Motion Compensation provides for an exacting performance. This 3D digital Combfilter will give you a razor sharp picture with breathtaking clarity.



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Product Owner: Pim Rosendaal

Specifications are subject to change without notice.