

PLASMA

# PLASMAWALL™ PL-50DHD

RUNCO INTERNATIONAL  
FLAT PANEL DISPLAY MONITORS



DHD™

CUTTING EDGE DISPLAY MONITOR  
NEXT GENERATION ALL DIGITAL DHD CONTROLLER  
VIVIX II™ DIGITAL VIDEO PROCESSING  
DIGITAL HIGH DEFINITION



The World's Finest Home Theater Products™

The spectacular PL-50DHD flat-panel plasma monitor brings outstanding picture quality to the 50-inch size category with true high definition native resolution of 1280 x 768 for no-compromise viewing of any video source.

The PL-50DHD is supplied with Runco's new, next generation all digital DHD controller, featuring advanced Vivix II™ processing. This controller produces stunning video imagery, even elevating standard NTSC material to near high definition levels.

The DHD provides for a pure digital signal path from input to output, making this system ready for Runco's exclusive LiveLink™ DVI cable solution to preserve HD signal quality over long runs.

Multiple aspect ratio control includes Runco's VirtualWide™ for viewing 4:3 material in widescreen with no loss of picture quality.

The PL-50DHD's black level performance and shadow detail capability have been enhanced with Active Gray Scale Rendering to provide smoother transitions from dark to light, resulting in richly detailed textures even in shadowy scenes.

The PL-50DHD is easily integrated into custom installation systems. Both RS-232C and IR control interfaces are incorporated for simple automation. Its profile is less than 4 1/2 inches thin for wall-mounting simplicity.



**THE WORLD'S FINEST  
HOME THEATER PRODUCTS™**

Runco International®  
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[www.runco.com](http://www.runco.com)

**FEATURES:**

- 1280 x 768 native resolution
- Multiple aspect ratios
- 160 degree horizontal/vertical viewing angle
- Accepts all DTV formats (via outboard decoder), including 1080i, 720p, 480p
- Full control options, including RS-232C and IR
- Includes the next generation all digital DHD video controller with Vivix II™ processing for pristine images
- Only 4 1/2 inches thin
- Digital DVI Input with HDCP

**PL-50DHD PLASMA SPECIFICATIONS:**

<b>Native Resolution:</b>	1280 x 768
<b>Screen Size:</b>	50 in. (diagonal)
<b>Screen Aspect Ratio:</b>	16:9
<b>Available Aspect Ratios:</b>	4:3, Letterbox, 16:9 Anamorphic, VirtualWide™
<b>Image Area (W x H):</b>	43 1/4 in. (1099 mm) x 24 1/2 in. (622.30 mm)
<b>DTV Compatibility:</b>	480p, 720p, 1080i
<b>Contrast Ratio:</b>	1000:1
<b>Data/Graphics Capability:</b>	640 x 400 to 1600 x 1200
<b>Inputs:</b>	(1) RGB/Component, (1) RGB 15 pin, (1) DVI-Digital

<b>Power Requirements:</b>	100-120 VAC, 50/60 Hz
<b>Power Consumption:</b>	480W
<b>Operating Environment:</b>	32°–104° F (0°–40°C), 20–80% Humidity (non-condensing)
<b>Dimensions:</b>	Width: 49 1/4 in. (1251 mm) Depth: 4 3/8 in. (111.13 mm) Height: 30 1/8 in. (765.20 mm) Weight: 96 lbs. (44.0 kg)
<b>Regulatory Approvals:</b>	FCC
<b>Limited Warranty:</b>	(3) Three years parts and labor (not including plasma glass panel) from the date of delivery to the end user. (1) One year parts and labor on the plasma glass panel from the date of delivery to the end user.

Tablestand or wall mount available separately

**DHD CONTROLLER SPECIFICATIONS (Included with the PL-50DHD):**

<b>Aspect Ratios:</b>	Anamorphic, Letterbox, VirtualWide™ 4:3 (on either 16:9 or 4:3 screens)
<b>Input Standards:</b>	NTSC/PAL
<b>Output Resolution:</b>	768P
<b>Outputs:</b>	(1) HD - R (Pr), G (Y), B (Pb), H, V; (1) DVI w/HDCP
<b>Inputs:</b>	(1) Composite; (2) S-Video; (1) Component; (2) HD - R (Pr), G (Y), B (Pb), H, V; (2) DVI w/HDCP
<b>Control Options:</b>	Discrete infrared remote, (2) RS-232, (1) 9-pin Connector, (1) RJ-11, Front panel controls
<b>Screen Trigger/ Masking Outputs:</b>	(3) 12V DC, 1/8A

<b>Bandwidth:</b>	150 Mega Samples/Second (MSPS)
<b>Power Requirements:</b>	100–240V AC (auto sensing) 50/60 Hz, 160W
<b>Operating Environments:</b>	41°–95° F, (5°–35° C), 0%–90% Humidity (non-condensing)
<b>Dimensions: (w/out feet)</b>	Width: 17 1/2 in. (444.50 mm), Depth: 11 3/16 in. (284.10 mm), Height: 3 3/4 in. (95.25 mm), Weight: 13 lbs. (5.9 kg)
<b>Included Accessories:</b>	Rack mounting brackets
<b>Regulatory Approvals:</b>	Complies with FCC, CE, C-Tick
<b>Limited Warranty:</b>	(2) Two years parts and labor from the date of delivery to the end user



Engineered for ISF® calibration.

