PLASMAWALL™ PORTFOLIO

SP-42DHD, SP-50DHD, SP-60DHD,
SP-42DHDxa, SP-50DHDxa, SP-60DHDxa,
XP-65DHD, XP-65DHDxa

THX®

RUNCO

THE WORLD'S FINEST
HOME THEATER PRODUCTS™
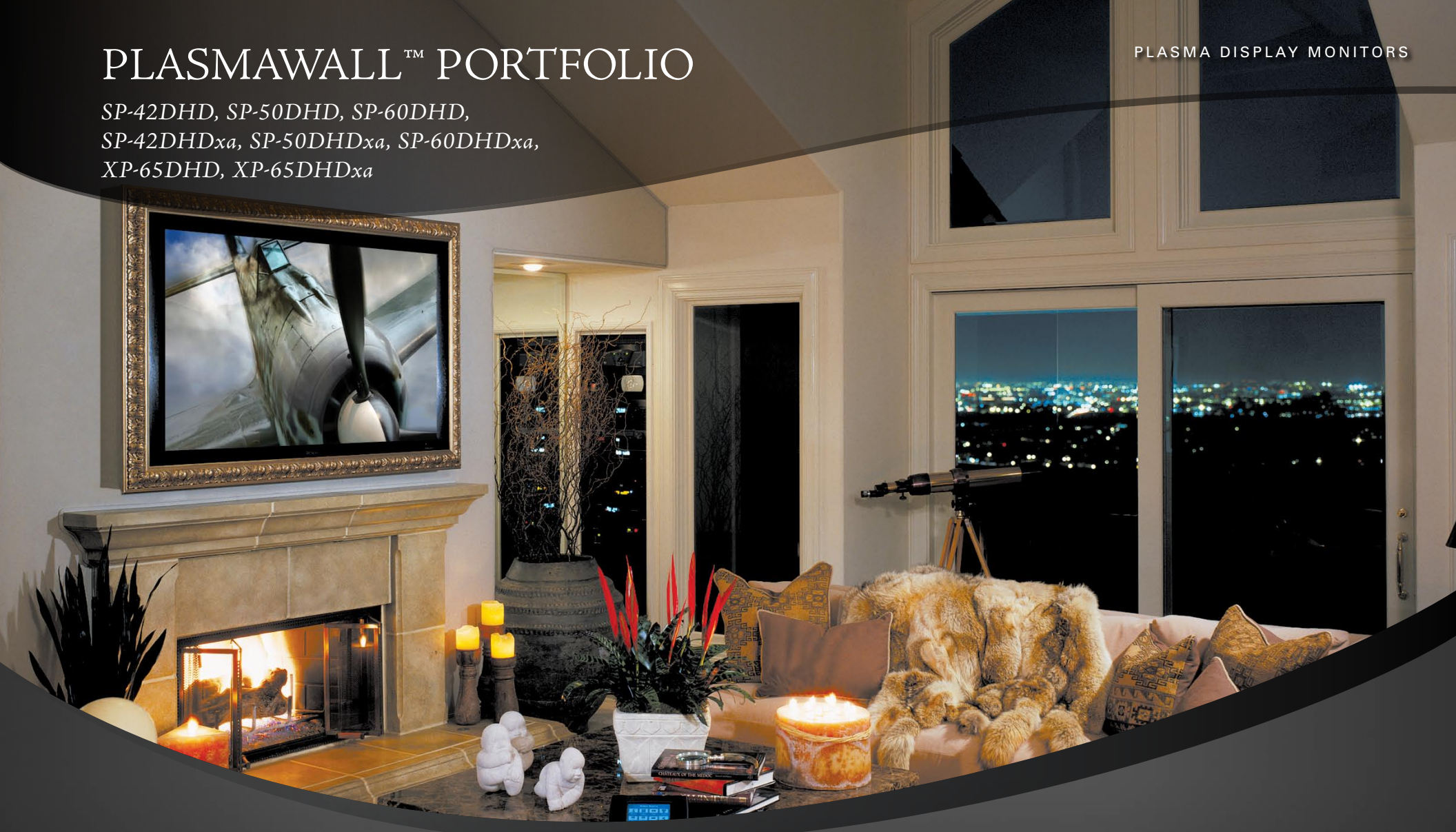
*THX Certification applies to XP-65DHD and XP-65DHDxa only.

XP-65DHD

THX

THX™ has long been recognized as the leader in both the finest movie theater presentations and superb home theater performance. The THX Video Display Program has established the industry's highest standards of video performance for home video display products. Runco is proud to be the first home video display manufacturer to meet these demanding standards and offer the THX Certified XP-65DHD to our customers. The THX moniker attests to the exacting performance of this product and your ability to bring Hollywood home without compromise.

ViViX II
PIXEL FOR PIXEL

The PlasmaWall Series includes Runco's acclaimed Vivix^{II}™ digital video processing. This superior technology includes 3D scan conversion with motion compensation and 3:2 pulldown for excellent video performance with both video-based and film-based material.

WideVision™

All PlasmaWall Series models offer Runco's WideVision™ 16:9 native widescreen aspect ratio, provided by state-of-the-art Plasma display panels. Runco's discrete aspect ratio control includes the VirtualWide™ mode to fill the 16:9 screen with standard 4:3 images without loss of picture quality, eliminating annoying black side bars and displaying any source material in full, widescreen glory.

isf

The PlasmaWall Series products incorporate the Imaging Science Foundation's "ISF 3c"™ (Certified Calibration Configuration) setup and calibration standards in the display's GUI menus to facilitate picture quality conforming to the highest standards in the industry.

PLASMAWALL™ PORTFOLIO HIGH DEFINITION PLASMA DISPLAYS

R unco's PlasmaWall™ portfolio of high definition, luxury flat panel display monitors, consists of four models offering the finest plasma picture quality available. This video portfolio includes our flagship XP-65DHD, a 65-inch 1080p model that is THX Certified, establishing a new benchmark in flat panel display picture quality and performance.

These are state-of-the-art flat panel monitors designed specifically for outstanding performance in a wide variety of environments. These products have been skillfully engineered for the finest video performance and their advanced design accommodates custom installation and every day operation with ease.

The SP-42DHD, SP-50DHD and SP-60DHD are high definition displays in 42-inch, 50-inch and 60-inch diagonal screen sizes respectively. They have all been engineered to the Imaging Science Foundation™ (ISF) setup and calibration standards and ISF controls are incorporated into these and every PlasmaWall to help your custom installation specialist achieve the industry's highest standards in picture quality.

The new XP-65DHD plasma monitor establishes an even higher threshold for flat panel display products. This is the world's first flat panel video display to meet the demanding THX Certification standards. It is also our largest and highest resolution plasma ever, at 65 inches diagonal and 1920 x 1080 (1080p) native resolution.

Included with all PlasmaWall monitors, the outboard DHD Controller/Processor provides two digital video inputs with HDCP compatibility. Runco's discrete multiple aspect ratio control includes VirtualWide™ to fill the 16:9 widescreen with standard 4:3 images at the touch of a button. Of course, an RS-232 interface is included for home automation system control versatility.

All models in the PlasmaWall portfolio are available with an optional table top stand or wall mount for maximum placement versatility. At less than 5 inches thin, wall mounting is an attractive option for any PlasmaWall model.

For our customers in high altitude regions we also offer all models in "xa" versions (eg. XP-65DHDxa) with industry leading high altitude capability to over 9000 ft. MSL. They are identical in all other respects, sharing features and specifications with the standard altitude models.

RUNCO DHD VIDEO CONTROLLER

The PlasmaWall portfolio's included DHD controller/processor is engineered with advanced, Vivix II™ digital video processing to produce 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 and resides outboard of the plasma display chassis. This simplifies installation by placing the DHD and its associated input connections in the equipment rack. Only one digital signal cable is then required to the plasma monitor. PlasmaWall systems can also take full advantage of Runco's exclusive LiveLink™ digital cable solution to preserve HD signal quality and bandwidth over much longer runs than conventional digital signal cables.

Specifications	SP-42DHD SP-42DHDxa	SP-50DHD SP-50DHDxa	SP-60DHD SP-60DHDxa	XP-65DHD XP-65DHDxa
Native Resolution:	1024 x 768	1365 x 768	1365 x 768	1920 x 1080
Screen Size:	42 in. (diagonal)	50 in. (diagonal)	60 in. (diagonal)	65 in. (diagonal)
Screen Aspect Ratio:	16:9	16:9	16:9	16:9
Available Aspect Ratios:	See DHD Controller Specs	See DHD Controller Specs	See DHD Controller Specs	See DHD Controller Specs
Image Area (W x H inches)	36.28 x 20.29	43.45 x 24.40	51.93 x 29.21	56.50 x 31.80
DTV Compatibility:	480p, 720p, 1080i	480p, 720p, 1080i	480p, 720p, 1080i	480p, 720p, 1080i, 1080p
Contrast Ratio:	1000:1	1000:1	1000:1	5000:1 maximum
ISF Settings:	Yes	Yes	Yes	Yes
Data/Graphics Compatibility:	640 x 400 to 1600 x 1200	640 x 400 to 1600 x 1200	640 x 400 to 1600 x 1200	VGA, SVGA, XGA, SXGA, UXGA (compressed) Horiz. scan frequency = 15 to 110 kHz Vert. scan frequency = 48 to 120 Hz
Inputs (from DHD Controller):	(1) RGB/Component (15-pin D-sub) (1) DVI with HDCP (1) RS-232 (9-pin D-sub female)	(1) RGB/Component (15-pin D-sub) (1) DVI with HDCP (1) RS-232 (9-pin D-sub female)	(1) RGB/Component (15-pin D-sub) (1) DVI with HDCP (1) RS-232 (9-pin D-sub female)	(1) DVI with HDCP (1) RS-232 (9-pin, D-sub male)
Power Requirements:	100-240V AC, 50/60Hz	100-240V AC, 50/60Hz	100-240V AC, 50/60Hz	120V AC, 50/60Hz
Power Consumption:	360 W (1.5 watts in standby), maximum	377 W (10 watts in standby), maximum	475 W (10 watts in standby), maximum	790 W (1.0 W in standby), maximum
Operating Environment:	40°–95° F (5°–35ºC), 20–80% Humidity (non-condensing) Altitude = up to 6,000 feet (1,828m) (xa) Model = up to 9,000 feet (2,743m)	40°–95° F (5°–35ºC), 20–80% Humidity (non-condensing) Altitude = up to 6,000 feet (1,828m) (xa) Model = up to 9,000 feet (2,743m)	40°–95° F (5°–35ºC), 20–80% Humidity (non-condensing) Altitude = up to 6,000 feet (1,828m) (xa) Model = up to 9,000 feet (2,743m)	40ºF to 95ºF (5ºC to 35ºC); 20%–80% humidity (non-condensing) Altitude = up to 6,000 feet (1,828m) (xa) Model = up to 9,000 feet (2,743m)
Dimensions: (without stand)	Width: 41 1/2 in. (1054.10 mm) Depth: 4 1/8 in. (105.00 mm) Height: 25 3/8 in. (645.00 mm) Weight: 83 lbs. (37.65 kg)	Width: 49 1/4 in. (1251.00 mm) Depth: 4 1/8 in. (105.00 mm) Height: 30 in. (762.00 mm) Weight: 94.20 lbs. (42.73 kg)	Width: 58 11/16 in. (1489.71 mm) Depth: 5 1/16 in. (128.27 mm) Height: 35 5/8 in. (904.13 mm) Weight: 150.50 lbs. (68.27 kg)	Width = 62 1/3 in. (1582.4 mm) Depth = 4 1/8 in. (104.1 mm) Height = 37 1/2 in. (952.5 mm) Weight: 163.1 lbs. (73.98 kg)
Regulatory Approvals:	Complies with FCC class B	Complies with FCC class B	FCC, CE, C-Tick	FCC 15B class B
Limited Warranty:	(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.	(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.	(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.	(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.

Specifications	DHD Controller
Aspect Ratios:	4:3, 16:9, Letterbox, VirtualWide™ and Cinema
Video Standards:	NTSC, PAL, ATSC
Output Resolution:	SP Models: 768P XP Models: 1080P
Output:	SP Models: (1) HD - R (Pr), G (Y), B (Pb), H, V; (1) DVI w/HDCP XP Models: (1) HDMI w/HDCP
Inputs	(1) Composite; (2) S-Video; (1) Component; (2) HD - R (Pr), G (Y), B (Pb), H, V; (2) DVI w/HDCP (on XP models (2) HDMI w/HDCP)
Communications Control Ports:	Discrete infrared remote (1) RS-232 9 pin connector
Screen Trigger/ Masking Output:	(3) +12 VDC, each rated at 750 mA and thermal fuse-protected
Bandwidth:	150 Mega Samples/Second (MSPS)
Power Requirements:	100–240V AC (auto sensing) 50/60 Hz, 160W
Operating Environment:	41°–95° F, (5°–35° C), 0%–90% Humidity (non-condensing)
Dimensions: (w/out feet)	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)
Included Accessories:	Rack mounting brackets
Regulatory Approvals:	Complies with FCC, CE, C-Tick
Limited Warranty:	(2) Two years parts and labor from the date of delivery to the end user

Engineered for ISF® calibration.

RUNCO
THE WORLD'S FINEST HOME THEATER PRODUCTS™

2900 Faber Street, Union City CA 94587
Tel: 510-324-7777 • Fax: 510-324-9300
www.runco.com