

CRYSTAL PORTFOLIO®

CR-26HD, CR-32HDi, CX-40HD, CX-46HD, CX-52HD, CX-57HD

LIQUID CRYSTAL DISPLAY MONITORS



RUNCO

THE WORLD'S FINEST
HOME THEATER PRODUCTS®



CX-57HD



The Crystal Portfolio® incorporates Runco's® acclaimed Vivix® 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™

The CX Crystal Portfolio models offer Runco's WideVision™ 16:9 native widescreen aspect ratio, with a resolution up to 1920 x 1080, provided by state-of-the-art TFT active matrix LCD 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.



The Crystal Portfolio 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.

CRYSTAL PORTFOLIO® HIGH DEFINITION LIQUID CRYSTAL DISPLAYS

Runco® presents the Crystal Portfolio® of LCD Flat Panel Displays, perfect for those who demand our award-winning flat panel performance along with advanced LCD technology and sleek design.

Six models are offered, all with 16:9 widescreen sizes from 26 inches to 57 inches diagonal. Each incorporates our superb Vivix® digital video processing to produce outstanding picture quality with a wide range of both standard and high definition source material. In addition, the handsomely-finished televisions are engineered to the Imaging Science Foundation™ (ISF) calibration standards for the purest video performance.

They also feature a built-in ATSC tuner that receives terrestrial HDTV broadcasts, in addition to an advanced, 185-channel, cable-ready NTSC stereo tuner. They offer PIP, PBB, closed captioning, Parental Control (V-Chip) functionality and multi-language support.

These displays also include an integrated stereo audio system with two-way speakers (removable on the CX-40HD and CX-46HD) placed below the screen and generous power amplification. (Speakers are not included with the CX-52HD and CX-57HD).

The advanced TFT active-matrix LCD display panels offer 1366 x 768 resolution with the CR-26HD and CR-32HDi, while the CX-40HD, CX-46HD, CX-52HD and CX-57HD boast 1920 x 1080 (1080p) resolution, the highest available.

All Crystal Portfolio models include Runco's discrete aspect ratio control with our VirtualWide® mode to fill the 16:9 screen with standard 4:3 images without degradation of picture quality. Also included are discrete source, aspect ratio and power selection, and an RS-232 interface for custom installation and whole-house or automated control system integration.

These Crystal Portfolio LCD Displays are multimedia ready, with simple computer connections making gaming, internet browsing and other computer activities quick and easy. Each model is supplied with a tabletop stand and optional wall mounting hardware is also available.



CR-26HD



CR-32HDi



CX-40HD



CX-46HD



CX-52HD

Specifications:	CR-26HD	CR-32HDi	CX-40HD	CX-46HD	CX-52HD	CX-57HD	
Native Resolution:	1366 x 768	1366 x 768	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	
Screen Size:	26 in. (diagonal)	32 in. (diagonal)	40 in. (diagonal)	46 in. (diagonal)	52 in. (diagonal)	57 in. (diagonal)	
Screen Aspect Ratio:	16:9	16:9	16:9	16:9	16:9	16:9	
Available Aspect Ratios:	4:3, Letterbox, 16:9 Anamorphic, VirtualWide®	4:3, Letterbox, 16:9 Anamorphic, VirtualWide	4:3, Letterbox, 16:9 Anamorphic, VirtualWide	4:3, Letterbox, 16:9 Anamorphic, VirtualWide	4:3, Letterbox, 16:9 Anamorphic, VirtualWide	4:3, Letterbox, 16:9 Anamorphic, VirtualWide	
DTV Compatibility:	480i, 480p, 576i, 576p, 720p, 1080i	480i, 480p, 576i, 576p, 720p, 1080i	480i, 480p, 576i, 576p, 720p, 1080i, 1080p	480i, 480p, 576i, 576p, 720p, 1080i, 1080p	480i, 480p, 576i, 576p, 720p, 1080i, 1080p	480i, 480p, 576i, 576p, 720p, 1080i, 1080p	
ISF Settings:	Yes	Yes	Yes	Yes	Yes	Yes	
Contrast Ratio:	1000:1	1000:1	1000:1	1000:1	2000:1	1200:1	
Data/Graphics Compatibility:	Up to 1024 x 768	Up to 1024 x 768	Up to 1920 x 1080	Up to 1920 x 1080	Up to 1920 x 1080	Up to 1920 x 1080	
Vivix Processing:	3:2 pull down	3:2 pull down	3:2 or 2:2 pull down	3:2 or 2:2 pull down	3:2 or 2:2 pull down	3:2 or 2:2 pull down	
Inputs:	Multiple input combinations with up to (3) Composite, (2) S-Video, (1) Component, (1) DVI w/HDCP, (1) RGB (15-pin mini D-sub), (1) RS-232, (4) Audio (stereo RCA pairs), (1) RF Antenna	Multiple input combinations with up to (3) Composite, (2) S-Video, (1) Component, (1) DVI w/HDCP, (1) RGB (15-pin mini D-sub), (1) RS-232, (4) Audio (stereo RCA pairs), (1) RF Antenna	Multiple input combinations with up to: (4) Composite Video, (2) S-Video, (2) Component Video, (2) HDMI w/HDCP, (1) RGB (15-pin D-sub), (1) RS-232 Control, (5) Analog Audio (4 stereo RCA pairs + 3.5-mm stereo mini jack), (1) RF Antenna, (1) CATV (75-ohm coaxial)	Multiple input combinations with up to: (4) Composite Video, (2) S-Video, (2) Component Video, (2) HDMI w/HDCP, (1) RGB (15-pin D-sub), (1) RS-232 Control, (5) Analog Audio (4 stereo RCA pairs + 3.5-mm stereo mini jack), (1) RF Antenna, (1) CATV (75-ohm coaxial)	Multiple input combinations with up to (4) Composite, (2) S-Video, (2) Component, (2) HDMI w/HDCP, (1) RGB (15-pin mini D-sub), (1) RS-232, (5) Analog Audio (4 stereo RCA pairs + 3.5mm stereo mini-jack), (1) RF Antenna, (1) CATV (75-ohm coaxial)	Multiple input combinations with up to (4) Composite, (2) S-Video, (2) Component, (2) HDMI w/HDCP, (1) RGB (15-pin mini D-sub), (1) RS-232, (5) Analog Audio (4 stereo RCA pairs + 3.5mm stereo mini-jack), (1) RF Antenna, (1) CATV (75-ohm coaxial)	Multiple input combinations with up to (4) Composite, (2) S-Video, (2) Component, (2) HDMI w/HDCP, (1) RGB (15-pin mini D-sub), (1) RS-232, (5) Analog Audio (4 stereo RCA pairs + 3.5mm stereo mini-jack), (1) RF Antenna, (1) CATV (75-ohm coaxial)
Outputs:	(1) Composite, (1) Audio (stereo RCA pair)	(1) Composite, (1) Audio (stereo RCA pair)	(1) Composite Video, (1) Analog Audio (stereo RCA pair), (1) Stereo headphone (3.5-mm stereo mini jack), (1) Digital Audio (S/PDIF, RCA coaxial), (1) Digital Audio (TosLink optical)	(1) Composite Video, (1) Analog Audio (stereo RCA pair), (1) Stereo headphone (3.5-mm stereo mini jack), (1) Digital Audio (S/PDIF, RCA coaxial), (1) Digital Audio (TosLink optical)	(1) Composite, (1) Audio (stereo RCA pair), 1 Stereo mini-jack, (1) Digital Audio (S/PDIF), (1) Digital Audio (TosLink™ Optical)	(1) Composite, (1) Audio (stereo RCA pair), 1 Stereo mini-jack, (1) Digital Audio (S/PDIF), (1) Digital Audio (TosLink™ Optical)	
Audio System:	10W RMS x 2, L/R two-way Integrated Speaker System	10W RMS x 2, L/R two-way Integrated Speaker System	10W RMS x 2, L/R two-way Detachable Speaker System	10W RMS x 2, L/R two-way Detachable Speaker System	10W RMS x 2	10W RMS x 2	
Tuner:	ATSC / 185 CH. NTSC Stereo (PAL as monitor only) HDTV Ready, PIP/PBP, V-chip, Closed Caption	ATSC / 185 CH. NTSC Stereo (PAL as monitor only) HDTV Ready, PIP/PBP, V-chip, Closed Caption	NTSC/ATSC Stereo (PAL as monitor only), HDTV, PIP/PBP, Parental Control (V-Chip), Closed Caption	NTSC/ATSC Stereo (PAL as monitor only), HDTV, PIP/PBP, Parental Control (V-Chip), Closed Caption	Monitor only, no tuner	Monitor only, no tuner	
Discrete IR Control:	Source, power and aspect ratios	Source, power and aspect ratios	Source, power and aspect ratios	Source, power and aspect ratios	Source, power and aspect ratios	Source, power and aspect ratios	
Power Requirements:	100-240V AC, 50/60Hz	100-240V AC, 50/60Hz	100 to 240 VAC, 50/60Hz	100 to 240 VAC, 50/60Hz	100 to 240 VAC, 50/60Hz	100 to 240 VAC, 50/60Hz	
Power Consumption:	130W	180W	270 W	310 W	350W	400W	
Operating Environment:	40 to 95°F (5 to 35°C); 20-80% humidity (non-condensing)	40 to 95°F (5 to 35°C); 20-80% humidity (non-condensing)	40 to 95°F (5 to 35°C); 20-80% humidity (non-condensing)	40 to 95°F (5 to 35°C); 20-80% humidity (non-condensing)	40°F to 95°F (5°C to 35°C); 20-80% humidity (non-condensing)	40°F to 95°F (5°C to 35°C); 20-80% humidity (non-condensing)	
Dimensions:	Width: 27 in. (686 mm) Depth: 3 3/8 in (86 mm) (w/stand 7 9/16 (192 mm)) Height: 19 1/2 in. (495.30 mm) (w/stand 20 in. (508.00 mm)) Weight: 26.46 lbs. (12.00 kg) with stand	Width: 31 11/16 in. (805 mm) Depth: 3 7/8 in (98 mm) (w/stand 8 1/4 in (210 mm)) Height: 23 1/32 in. (585 mm) with stand Weight: 50.71 lbs. (23 kg) with stand	Width: 38 7/8 in. (986.53mm) Depth: 3 15/16 in (99.06mm) Height w/speakers: 26 3/4 in. (678.94mm) Weight: 63.93 lbs. (29.0 kg)	Width: 44 1/8 in. (1121 mm) Depth: 3 15/16 in (99.06mm) Height w/speakers: 29 3/4 in. (755mm) Weight: 76.28 lbs. (34.60kg)	Width: 49.8 in. (1266 mm) Depth: 4.5 in (114.5 mm) (w/stand 11.2 in. (285 mm)) Height: 30 in. (762 mm) (w/stand 33.75 in. (856.5 mm)) Weight: 89.5 lbs. (40.5 kg) with stand	Width: 53.7 in. (1364 mm) Depth: 4.75 in (120 mm) (w/stand 11.22 in. (285mm)) Height: 32.1 in. (816mm) (w/stand 35.8 in. (911 mm)) Weight: 118 lbs. (53.5 kg) with stand	Width: 53.7 in. (1364 mm) Depth: 4.75 in (120 mm) (w/stand 11.22 in. (285mm)) Height: 32.1 in. (816mm) (w/stand 35.8 in. (911 mm)) Weight: 118 lbs. (53.5 kg) with stand
Limited Warranty:	(1) One year parts and labor from the date of delivery to the end user.	(1) One year parts and labor from the date of delivery to the end user.	(1) One year parts and labor from the date of delivery to the end user.	(1) One year parts and labor from the date of delivery to the end user.	(1) One year parts and labor from the date of delivery to the end user.	(1) One year parts and labor from the date of delivery to the end user.	



Engineered for ISF® calibration.



Specifications are subject to change without notice. Optional wall mount available.
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Theater installation photo courtesy of Aurant, Salt Lake City, UT



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