



VideoXtreme Projectors



VX-11d

Specification	Detail
Projector Type	3-chip Texas Instruments Digital Light Processing(TM) (DLP), SuperOnyx(TM) DMD(TM)
Native Resolution	1920 x 1080 (1080p)
Aspect Ratios	16:9, 4:3, Letterbox, VirtualWide, Cinema, VirtualCinema as determined by video processor
Video Standards	NTSC, PAL, SECAM, CEA-861D
DTV Compatibility	480i, 480p, 576i, 576p, 720p, 1080i 50/60, 1080p, 24/50/60
Picture Size (16:9 Screens)	Recommended Width: 72 - 120 in. Maximum Width: 180 in.
Throw Distance Factor x Screen Width	Proteus 1: Fixed 0.77:1 (for rear-screen applications)* Proteus 2: Zoom 1.45 - 1.74:1 Proteus 3: Zoom 1.74 - 2.17:1 (with CineWide 1.30 - 1.63:1) Proteus 4: Zoom 2.17 - 2.90:1 (with CineWide 1.63 - 2.17:1) Proteus 5: Zoom 2.90 - 4.34:1 (with CineWide 2.17 - 3.26:1) Proteus 6: Zoom 4.34 - 6.76:1 (with CineWide 3.26 - 5.07:1)
Horizontal & Vertical Offset	Vertical: Up to 65% of image height down or up from screen center Horizontal: Up to 30% of image width left or right from screen center (Proteus 1 has no offset capabilities)
Light Output	CSMS Specifications: Home Theater Calibration: 1845 ANSI Lumens; 119 Foot-Lamberts (fL); 2,100 ANSI Lumens (uncalibrated)
Contrast Ratio	CSMS Contrast Ratio: >250:1 (ANSI); 10000:1 full-on, full-off (dynamic)
Lamp	230/260W (selectable) HPM lamp
Lamp Life	2000/3000 hours typical (Standard/Economy Mode)
Inputs	See DHD4 Processor Specs
Power Requirements	100 VAC to 240 VAC +/- 10% @ 50/60Hz < 400W maximum
Operating Environments	Temperature: 50-104 °F (10-40 °C) Humidity: 0-85% relative humidity (non-condensing)
Dimensions	Width: 21.13 in. (537 mm) Depth: 25.25 in. (641 mm) Height: 8.25 in. (2.35 mm) without feet



Weight	55.5 lbs (25.2 kg) without lens
Regulatory Approvals	FCC Part 15 Class B, UL, cUL, CB, RoHS, WEEE, local conformances as required
Limited Warranty	Projector: (2) Two years parts and labor from the date of shipment from Runco. Extended RuncoCare(TM), Red Carpet(TM), and PremierCare(TM) also available.
Lamp Warranty	1000 hours or (6) Six months, whichever comes first
Control	RuncoLink, Ethernet, RS-232, IR remote
Calibration	ISF Certified Calibration Configuration
Processor	Runco DHD4 Processor with Vivix(TM) technology and single cable display connectivity
Color Gamut	> BT.709 (REC709)
Lens System	Motorized focus, zoom, vertical and horizontal offset

For more information visit www.Runco.com or call 800-237-8626 or +1-503-748-1100.

Specifications are subject to change without notice.

Specification Report Date: 9/9/2011



Video Processors



DHD-4

Specification	Detail
Aspect Ratios	4:3, 16:9, Letterbox, VirtualWide(TM), Cinema, Virtual Cinema(TM), Native
Video Standards	HDMI and DVI with HDCP for digital video, Component and RGB HDTV (1080p, 1080i, 720p), Component and RGB EDTV (576p, 480p), Component and Composite SDTV (576i, 480i), RGB SCART with adaptor, NTSC (M, 4.43), PAL (B, G, H, I, N, M), SECAM (M)
Inputs	(4) HDMI 1.4 with CEC and Deep Color; (1) Component/SCART (3 x RCA); (2) Component/RGBHV (5 x BNC); (3) Composite
Outputs	(1) HDMI 1.4 with CEC and Deep Color to display; (1) HDMI 1.4 with Deep Color to second display or audio processor
Display Communication	HDMI via RuncoLink(TM) RJ11 for serial display control
Communication Control Ports	(1) USB (type B female) for firmware upgrade; (1) RS-232 (female DB9) for serial commands; (1) RS-232 (male DB9) for accessories; (1) 3.5mm wired IR input for Niles/Xantech-compatible IR systems; Discrete infrared remote; Front panel vacuum fluorescent display and keypad
Operating Environments	50-104 °F (10-40 °C) Humidity: 0-85% humidity (non-condensing) Altitude: Up to 10,000'
Power Requirements	100 - 240V AC (auto-sensing), 50/60 Hz, 35 watts (typical)
Ethernet Communication	(1) RJ45 (female) for web server, e-mail, auto firmware upgrade and Telnet
Dimensions	Width: 17.50 in. (444.5 mm) Depth: 11.19 in. (284.1 mm) Height 3.75 in. (95.25 mm)
Weight	15.4 lbs. (6.99 kg)
Regulatory Approvals	cTUVus, FCC class B, CE, RoHS, China RoHS, WEEE, C-Tick, CCC, local conformances as required
Limited Warranty	Projector: (2) Two years parts and labor from the date of shipment from Runco. Extended RuncoCare(TM), Red Carpet(TM), and PremierCare(TM) also available.
12V Output	(3) 3.5mm programmable, 250mA max each
Accessory Applications	Runco Firmware Upgrader, Runco BRiC (backup, restore, clone), CalMAN by SpectraCal for automatic calibration



Vivix Processing

ViVix IV(TM) 1080p output

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