

DCD-450FD Features

- Advanced next-generation 1920 x 1080 [HD] light engine
- RGBY™ 4-chip color process achieves ~20% expanded color gamut and accurate color tracking
- 7,000 ANSI peak white, 5,000:1 native CR performance
- Multiple HDMI, DVI-D, Component, Composite, S-Video and PC inputs
- Twin HDMI video outputs, two digital COAX audio outputs
- HDMI 1.4 scaling [10 bit processing]
- RS-232 connectivity for home automation systems
- 6 primary optics choices – one fixed short and five extended range lenses
- E-VariScope™ for 2.35:1 viewing on constant height screens [no anamorphic lens required]
- Three optional VariScope™ anamorphic lens packages: two VariScope FX™ [fixed] and one reference VariScope Ultra™ motorized anamorphic lens option
- Extended lamp life – ~2000-3000 hours [user replaceable 380-watt NSHA lamp]
- Quiet chassis design – ~38dB SPL @ 1 meter [normal mode]
- Integrated system IR remote control included
- Replacement lamp assembly – model WC-LPU380
- Optional ceiling bracket – model WC-PM-M



DCD-450FD Home Cinema Projector

Wolf Cinema presents the DCD-450FD home cinema projection system, incorporating an all new HD projector and outboard ProScaler MK II™. This high performance ensemble starts with an ultra-bright 380W lamp and achieves 7000 ANSI lumen performance – perfect for larger home cinema screens [up to 18-foot wide] and higher ambient room lighting situations. The DCD-450FD provides for full 1080p HD resolution and is driven by Wolf Cinema's RGBY™ color technology – three inorganic R-G-B elements mated with a fourth color panel [Y-Yellow] to produce vivid, accurate color renditions with extended contrast performances. Wolf Cinema's RGBY™ color technology achieves a nearly 20 percent expansion in color gamut over comparable HD models, resulting in images that are stunning in color accuracy, detail and depth.

Six primary lens options with precision motorized lens shift, zoom and focus are available, making every installation a breeze. Multiple video inputs, IR and RS-232 control capabilities facilitate seamless integration with today's leading home automation systems.

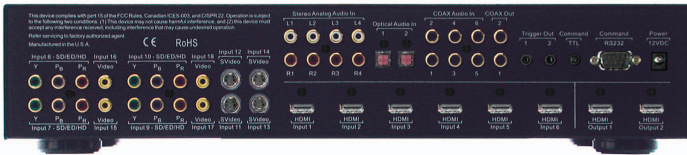
Three optional VariScope 2.35:1 anamorphic lens packages are also available [two fixed, one motorized] – the perfect choices when enjoying the thousands of films shot in ultra-widescreen formats. Commonly referred to as "Scope" in tribute to the groundbreaking CinemaScope® wide aspect ratio process, the Wolf Cinema DCD-450FD projector can be easily mated to one of our three cinema-grade anamorphic lens solutions, configured by your custom installer to provide the most immersive home theater experience possible.

Included with each system is our next-generation Wolf Cinema ProScaler MK II video processor. Engineered to deliver the ultimate in image fidelity, calibration accuracy and operational flexibility, the ProScaler MK II features 18 audio and video inputs (6 HDMI 1.4) and two HDMI outputs [one video, one audio loop through]. All HD sources are breathtakingly rendered while standard definition sources [such as DVDs] are up-converted to 1080p for improved visual depth, dimension and reality. Advanced E-VariScope™ video scaling permits ultra-wide-screen CinemaScope® viewing without the need for an external anamorphic lens.

DCD-450FD

Display Technology	1.2" inorganic LCD panels [RGBOY™] @ 1080p (1920 x 1080)
Brightness	7000 ANSI lumens
Contrast	5000:1 native
Signals	UXGA/SXGA+/SXGA/WXGA/XGA/SVGA/VGA, MAC, NTCS, PAL, SECAM, NTSC4.43, PAL-M, PAL-N Video (480i, 480P, 720P, 1080i, 1080p, 1080psf)
Video Inputs	Primary Input: HDMI x 1, DVI-D x 1 (HDCP compliant),
Input 2:	5-BNC (R, G, B, H, V & Y, Pb/Cb, Pr/Cr & Composite)
Input 3:	S-video – DIN 4-pin x 1 • RCA x3 (Video/Y, Pb/Cb, Pr/Cr)
Fixed Lens	0.8:1 Fixed Short Throw HD Lens
Motorized Zoom Lenses	1.3-1.8:1 HD Lens 1.8-2.3:1 HD Lens 2.3-4.2:1 HD Lens 4.3-6.0:1 HD Lens 5.7-9.0:1 HD Lens
Offsets	+/- 115% Vertical, +/- 54% Horizontal (* +/-25%V +/- 12%H)
Lamp	380 W NSHA Lamp [Part No. WC-LPU380]
Average Lifespan	2000-3000 hours
Control	IR; RS-232 (serial Input – Dsub-9 x1; Network: RJ-45 x1 (LAN)
Power Requirements	AC 110V-240V 50/60Hz
Power Consumption	520W (6.0A)
Dimensions (WxHxD)	17.3" x 14.5" x 7.36" (439.9 x 369.0 x 187.0 mm) - body only, without lens
Weight	25.1lb (11.4kg) without lens

ProScaler MK II Video Processor



Inputs/Outputs	18 video inputs (6x HDMI 1.4), 2x HDMI 1.4 video outputs 18 audio inputs (HDMI inputs are Dolby® TrueHD / DTS® HD Master Audio capable), 2 coax audio outputs
Video Processing	10 bit scaling, 125 point (5 x 5 x 5) gamut correction Advanced filtering, MPEG mosquito noise, block artifact reduction Temporal noise reduction for SD/HD sources; multiple configuration memories per input
E-VariScope™	Enables 2.35:1 viewing on constant height screens [no anamorphic lens required]
Rack Mountable	Rack mounting ears included
Control	IR; RS-232 (serial Input – Dsub-9 x1); 12-volt trigger outputs x2
Power Requirements	Universal 110V-240V, 50/60Hz power supply included, output 12.0 VDC, 5.0A
Power consumption	22 Watts
Dimensions (WxHxD)	17" x 3.75" x 10" (3.5"H without feet) (431.8 x 95.3 x 254.0 mm)
Weight	11lb (5kg)

*All features and specifications subject to change without notice.
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