

A new level in high performance projectors reference home cinema in a small package

home cinema projector series

Action! model two

720p resolution

>4000 : 1 contrast ratio

<24 dB(A)

RealColor management



Action! model two

The projectiondesign Action! model two is our best value high performance home cinema projector. Using technology from our higher end projectors, it comes in at an extremely attractive price point, yet with an amazing image quality. High contrast, great colour reproduction, and a near seamless image, it gives projectors at many times its price a run for the money. After all, it's all about the image.

Small, unobtrusive and beautiful

The Action! model two has been designed specifically to be small and unobtrusive, yet retain reference level performance. Unbelievably small, it is practically unnoticeable when installed on the ceiling, and requires no special attention to reinforcement of supporting structures. To fit a range of interiors, the Action! model two comes in three different automotive finishes; vanquish grey, maranello blue, and pearl white.

Single chip HD2+ DC3™ DLP™ technology

The Action! model two uses Texas Instruments® DLP™ technology with DarkChip3™ enhancement. The best available technology for home cinema projectors gives even better contrast and colour saturation than ever before. DLP™ technology features an unmatched combination of image dynamics and visual resolution, as well as perfect colour uniformity.

RealColor colour management suite

Through uniquely characterising and calibrating each single projector as they come off the production line, we ensure every single one can reproduce a true D65 white point when it is installed. RealColor has been developed to perfectly track gray scale throughout the dynamic range, and to result in perfect video colour reproduction.

High precision NDG technology colour wheel

The Action! model two uses a very high precision colour wheel with NDG (Neutral Density Green) technology. This results in far superior colour reproduction, greater dynamics and better shadow detail than other technologies, increasing colour depth to 10-bit, and revealing more low level detail than ever before.

Fully de-coupled sub chassis

Borrowing technology from our high end projectors, the Action! model two has a fully de-coupled sub chassis. That means all moving and mechanical parts are physically de-coupled from the main chassis through using visco-elastic rubber compound for shock and vibration absorption. The fully de-coupled sub chassis reduces operating noise to a minimum for a more intense and pleasing viewing experience.



Texas Instruments® single chip DLP™ technology ensures natural, saturated colors, perfect color uniformity, and a near seamless, film-like image. The high device and system contrast of more than 4000:1 negates the need for contrast enhancement through dynamic brightness variation, known to produce white crush and severe loss of detail when in use.



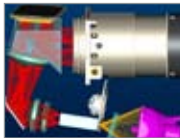
Just like our higher end projectors, the new Action! model two uses our unique UniBoard video signal processing. All processing is kept on a single printed circuit board, thus reduces loss of signal quality, and prevents electrical interference due to using several boards with interconnecting cables between them. Gold plated signal paths and connectors ensure optimum signal quality and purity.



The included, backlit IR remote control features direct keys to most commonly used functions, such as one-key source access, brightness and contrast settings, as well as on-the-fly gamma curve changes. In addition, it gives easy access to the on screen menu, with intuitive settings and adjustment options. The Action! model two features control over dedicated TCP/IP, through RS232 or via wire from the remote.



Sealed, optical architecture with lens shift gives flexibility in installation, and yields optimal performance. Preventing dust and contamination from entering the optical assembly for optimum purity. The aspherical lens elements and proprietary LD (Low Dispersion) glass gives a lens with excellent ability to resolve the finer detail. It is detail that creates stunning images, not only overall black/white contrast.



Unmatched attention to detail sets the Action! model two in a league by itself. A massive molded magnesium chassis acts as a heat sink, reduces operating noise, and makes it virtually bomb proof. The sturdy chassis creates an incredibly stable platform for optics, mechanics and electronics. Lamp change is easy - out of the front panel of the projector without need to dismount it in the installation.



Technical specifications

projector		home cinema DLP™ projector
display	concept	single chip DLP™, HD2+ DC3 1280 x 720 (720p) resolution (16:9 aspect ratio) optical lens shift, pure glass lenses 7-segment colour wheel, RGBRGBG
	compatibility	1080i/p, 720p, 576i/p, 480i/p, PAL SECAM, NTSC digital and analogue RGB
optics and lamp		standard projection lens
	lens shift	1.9 - 2.4 : 1 (distance : screen width) zoom lens 0.9 : 1 and 1.1 : 1 wide angle lenses available
	contrast	20 - 135% vertical
	brightness	4000 : 1 (typical)
	lamp	500 - 1000 ANSI lumen, continuously adjustable
	lamp life expectancy	220W UHP™, adjustable power, 170 - 220W 3000 hours typical in standard power mode 2250 hours in high power mode
connectivity		video
	control	DVI-D (HDCP), (DVI and HDMI digital RGB) 1x RCA (YPbPr, YCbCr) (component video) 1x S-Video (s-video) 1x RCA (composite video) HDD-15 (RGBHV, RGBS, RGSB, YUV)
	control	LAN (TCP/IP), RS232, USB IR remote control with IR repeater input
general		operating noise level
	dimensions (d x w x h)	24 dB(A) tipico in interni (modalità eco) 234 x 278 x 94 mm
	weight	2.9 kg
	available colours	pearl white, vanquish grey, maranello blue
	warranties	3 years limited warranty, 90 days/500 hours on lamp. Conditions apply

Screen sizes and throw distances

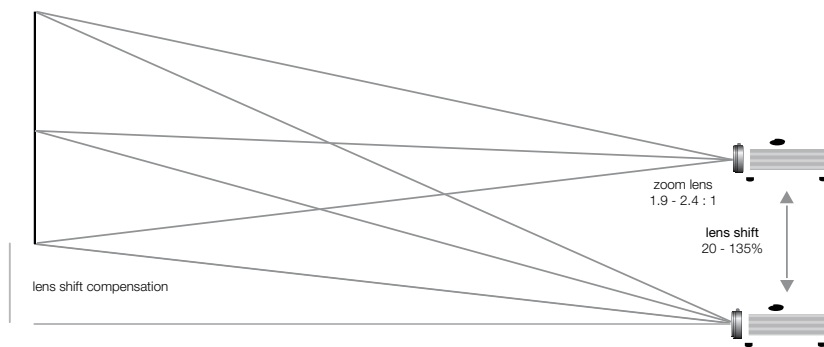
visible area w x h	screen size (diag.)		distance to screen		compensation
	cm	inches	min	max	
160 x 90	72		304	384	<135%
182 x 103	82		346	437	36
203 x 114	92		386	487	40
221 x 125	100		420	530	43
234 x 132	106		445	562	46
244 x 137	110		464	586	48

± 5% tolerances

Available colours



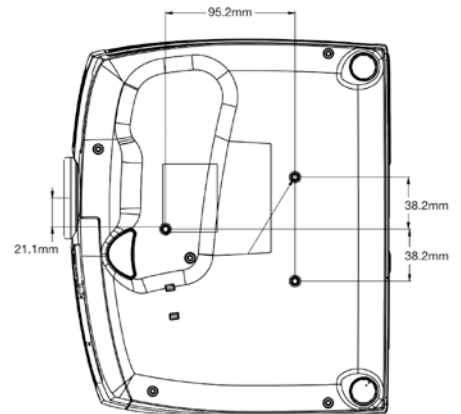
Optical lens shift



Lens shift enables flexible installations

The Action! model two features 20 - 135% vertical lens shift. That means more flexibility with installations and no keystone correction needed for a perfectly rectangular image.

Standardised bolt-on ceiling mount interface



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