- 16 : 9
- DLP™
- DCDi™
- Magnesium
- 28 dB
- 3.0 kg
- 2300 : 1



projectiondesign

ACTION!

model one

Power to the people

projectiondesign have designed the **Action!** *model one* in order to provide the best possible home cinema viewing experience. Understanding and sharing the passion of watching movies at the cinema and at home creates a unique foundation for providing the best possible projector for the task. As an enthusiast driven company, we are able to not only develop the projectors we believe in ourselves, but also monitor and control every single step of the process from conceiving the idea to carefully shipping product. We believe strongly that the *model one* is as close as it gets to putting the silver screen in your home.

Digital Dynamic Concept – unique projectiondesign thinking

One of the most important aspects projectors fail at time and time again, is reproducing the wide dynamic contents of a movie. From the deepest blacks to the brightest whites, most projectors fail to provide a lifelike image. Most home cinema projectors are good at showing a great, deep black level - and shout out loud about it. Few excel at at the same time showing great high levels, with the high impact of a movie theatre. projectiondesign believes in providing both high resolution black levels, as well as impacting high levels. This is why we have developed the Digital Dynamic Concept. The **Action!** *model one* allows the user to adjust output level through Dynamic Black, enables Dynamic Contrast enhancement and makes available a wide range of gamma curves. projectiondesign enables - for the first time - a projector that can be adapted to a wide range of screens with the same impact as the theatre.



Integrated Design Philosophy

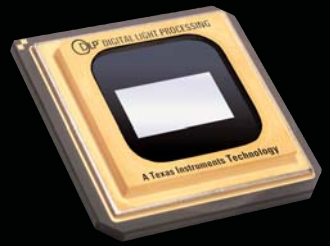
projectiondesign's unique integrated design philosophy has forged a projector with unique properties. In order to minimise complexity and possible external influences that may degrade image quality, a single electronics board is used for all critical video signal processing. All connectors are directly connected to the board where the processing takes place. This reduces possible noise and signal degradation to a minimum. In true high end spirit, three separately regulated power supplies are used at the signal front end - one for the A/D converter, two for the video decoder - to further reduce noise, easily visible in the projected image. To keep signal paths as short as possible, a multilayer board, including two ground planes, with Surface Mount Devices components are used, directly coupling the input to the imager.

Further enhancing the high end spirit and building on the Integrated Design Philosophy, the entire projector is designed and engineered by the same enthusiasts. Unlike large consumer brand projectors, there is no separate departments to decide what goes inside, while focusing more on cost than great movie experiences. Using magnesium alloy for all critical parts, and only the best components available at all stages, maximises performance at every single point. Benefiting from this is the low operating noise level of the projector. By designing for low noise, it can be kept at a minimum at all times. The result is operating noise as low as 28 dB in a typical user environment.









Choice of a lifetime, DLP™ technology

projectiondesign have deliberately chosen to solely focus on using the highly regarded DLP™ technology by Texas Instruments. Years of experience have shown this to be the only technology to withstand time and use without physical and visible degradation of the projected image. Studies have shown the same; where other technologies show weaknesses over time. Easily visible, with severe image degradation after only a few hours usage, organic technologies will not show the same image throughout the product's lifetime. DLP™ technology is non-organic, thus is not subject to change its behaviour and image performance over time. In effect, this means that even after several years of heavy usage, contrast, brightness and colours will remain the same.

High performance optics

The optical design is one of the most important aspects that set projectors apart. A projected image shall be uniform in light and colours. The combination of contrast, brightness, dynamic impact, and true colours are key to experiencing true-to-life movies at home. When creating a movie, on film or digitally, the director had something special in mind. It is our intention to let you experience that at home, without going to the theatre. Using an all-glass zoom lens, a 6-segment, 5-speed colour wheel, and no contrast degrading prisms in the optical path, paired with a state-of.-the-art UHP™ lamp, ensures you will experience the best image any microdisplay technology can give. Optimising the dynamic experience, with projectiondesign's unique Digital Dynamic Concept, allows you to adjust any input to your particular personal preference, no matter what size screen you use. The **Action!** *model one* can be delivered with an optional 1 : 1 wide angle lens.

A team of enthusiasts designed the *model one*

Every single person working at projectiondesign is a true enthusiast. This shines through not only in the pride of developing what we think is the best projector in the market, but also in the pride of building it. Every single projector is carefully finished by hand, and thoroughly tested and burned in before leaving the factory. Only with the careful attention by real people can we make sure that the quality is what we intended it to be.

This is also reflected in the way the product is designed. From electronics, to mechanics and optics, we use only the finest components available. Thus, we do not only provide you with our own high quality standard and measure, but also the quality reputation from renown manufacturers like Faroudja, Philips, and Texas Instruments, to mention a few.

Accessories

The projectiondesign **Action!** *model one* comes standard with a full function remote, with direct, one-key access to all inputs, as well as direct adjustments of frequently used functions such as brightness, contrast, colour and sharpness. In addition, it also features direct access to gamma curve adjustments and user memory settings. The unique cable cover that conceals all cables when installed on the ceiling is also part of the standard package. This feature allows seamless blending of the projector with the interior.





Specifications

display concept	HD2+ Mustang DLP™ technology
	1280 x 720 resolution (16 : 9 wide screen)
	6-segment, 5-speed, 9000 rpm, RGBRGB colour wheel
input signal compatibility	1080i, 720p, 576i / 576p, 480i / 480p, PAL SECAM, NTSC
	digital and analog RGB
projection lens	1.3x manual zoom glass lens, 1.75 - 2.25 : 1 throw ratio
	optional 1 : 1 wide angle lens
video processing	DCDi™ by Faroudja
contrast	3000 : 1 (max)
brightness	continuously adjustable 600 - 1200 ANSI lumens
lamp	250W UHP™ / 3000 hours (max, depending on settings)
connectivity	YPBPR x2 component video
	S-Video
	Video
	DVI-D (HDCP compatible)
	VGA (RGBHV, RGBS, RGsB)
control	RS232
	12V trigger x2 (screen drop, aspect ratio)
	IR remote control, with IR repeater input
	USB
projection modes	front / rear / tabletop / ceiling
operating noise level	28 dB
weight	3.0 kg
other	IR remote control, installation cable cover, optional air duct,
available colours	satin gold, maranello blue, pearl white





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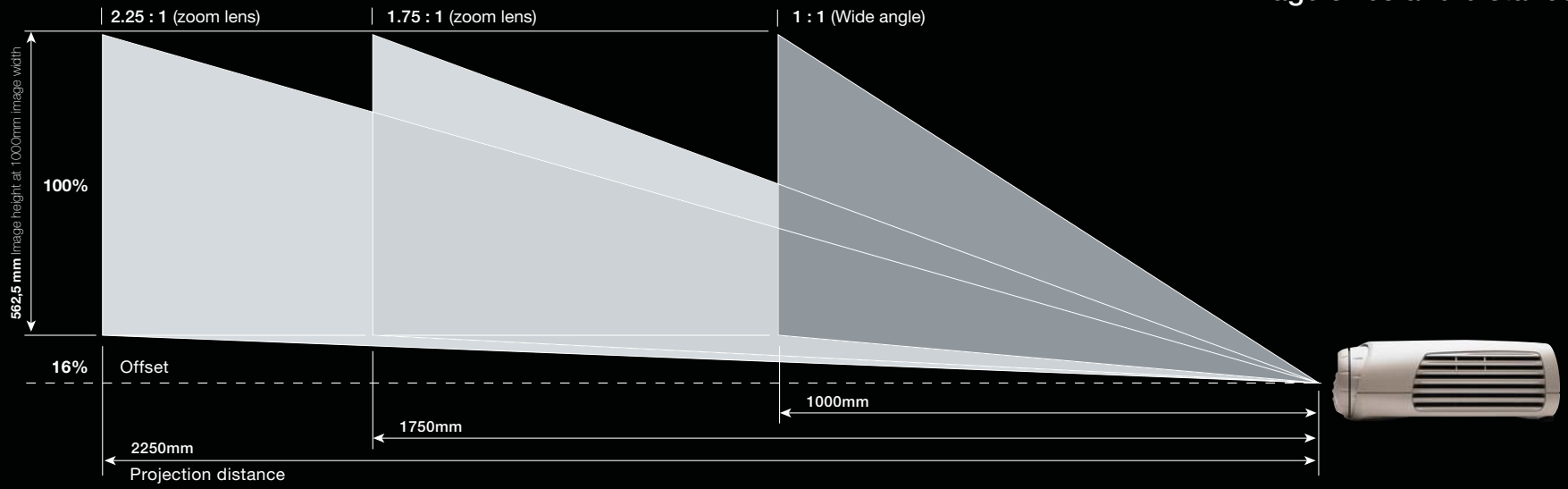
Image sizes and distances



Typical Image Sizes

16 : 9
HDTV format

Viewing Area - Height x Width		Screen Diagonal		Projector Distance (to lens in cm)			Offset (cm)
inches	cm	inches	cm	min	max	wide*	cm
45 x 80	114 x 203	92	234	355	457	203	18
52 x 92	132 x 234	106	269	410	527	234	21
58 x 104	147 x 264	119	302	462	594	264	24
65 x 116	165 x 295	133	338	516	664	295	26
78 x 139	198 x 353	159	404	618	795	353	32

Accuracy: +/- 5%

*) Wide angle lens is optional

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ACTION!
model one



dvi visual interface
uhp
DCDi by FAROUDJA
PICTURE BY DLP

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All brands and trade names are the property of their respective owners. Specifications subject to change without prior notice. All values are typical and may vary. Patent pending on lamp and cooling system.