

p r e l i m i n a r y

home cinema projector series

Action! M25

full HD1080p resolution

10-bit digital and analogue processing

HDMI 1.3 input

RealColor colour management



Full HD 1080p resolution home entertainment

The introduction of the new Action! M25 1080p projector marks a milestone in the home entertainment industry. Bringing forward our experience and qualities from professional video displays, the Action! M25 features full HD 1080p resolution, high quality 10-bit video processing, HDMI 1.3 input, and an image quality that must be experienced to be appreciated. Considering also the fact that the Action! M25 comes with a choice of lenses, and is the smallest full HD projector available anywhere, it is perfect for installation in any high quality home cinema!

DLP™ technology for high quality, film like images

The Action! M25 uses Texas Instruments® 0.95" 1080p DMD™ with BrilliantColor™ technology for the best possible image quality. Single chip technology guarantees that there are no registration and convergence errors, the image is always displayed pixel perfect. There is no need for advanced service calibration as with competing technologies. At the same time, DLP™ technology is guaranteed to work for a lifetime without degrading – quite unlike most projectors based on organic technologies.

RealColor colour management suite

The Action! M25 takes full advantage of our exclusive RealColor colour management suite. Through uniquely characterising and calibrating each single projector as they leave the production line, we ensure every single one can reproduce true D65 video calibration when switched on. RealColor has been developed to perfectly track gray scale throughout the dynamic range, and to result in perfect video colour reproduction.

Seamless integration in home automation systems

The Action! M25 is compatible with all sorts of home automation systems, controlling it over IP or RS232, be it from AMX, Crestron or anybody else. In fact, to make things easy, the M25 is AMX Device Discovery compatible, and has all its functions embedded as macros in Crestron control systems. That makes it easy to integrate. In addition to third party systems, the Action! M25 is supported by our own ProNet.Manager, an integrated PC installation suite that allows updating and managing projectors from local and remote locations.



The Action! M25 is compatible with HDMI 1.3, and is accompanied by a DVI connector that features the same HDMI compatibility, but has added structural support for heavy gauge cables. Both digital inputs feature our unique digital reclocking and equalization, thus can be used with up to 30m / 100ft¹ copper digital cables without signal loss at 1080p resolution.



BrilliantColor™ adds a new dimension to the colours by expanding the visible colour gamut, and by increasing saturation in the difficult secondary colours cyan, magenta, and yellow. This Texas Instruments® technology is key to the highly dynamic images from the Action! M25.



The 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! M25 features control over dedicated TCP/IP, through RS232 or via wire from the remote.



Sealed, optical architecture prevents 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 of 1080p resolution. It is detail and interscene contrast that creates stunning images, not only overall black/white contrast.

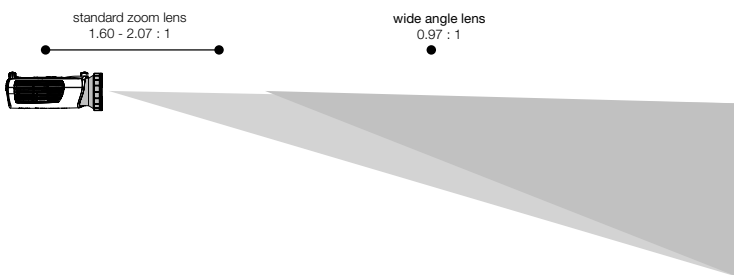


Unmatched attention to detail sets the Action! M25 in a league by itself. A massive molded magnesium chassis acts as a heat sink, reduces operating noise, and makes it virtually bomb proof. The sturdy chassis creates an incredibly stable platform for optics, mechanics and electronics.



1) 30m / 100ft requires 24 AWG cable.

High quality projection lenses



The Action! M25 features a prism-less optical design designed for the best possible image quality, with outstanding contrast, low colour and optical distortion. A prismless design ensures no flare in the lightpath.

technical specifications

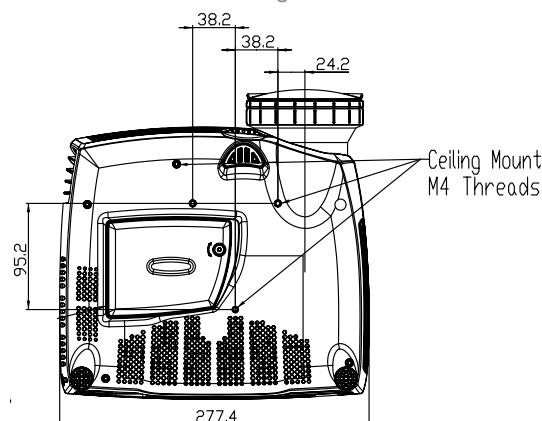
projector		Action! M25
display	concept	full HD 1080p home cinema DLP™ projector
	compatibility	single chip, 0.95" 1080p DMD BrilliantColor™ technology 1920 x 1080 resolution 7-segment, 5x colour wheel, RGBRGBNDG
optics and lamp	zoom lens	1.59 – 2.06 : 1
	wide angle lens	0.95 : 1
	lens offset	approximately 125% vertical (with standard zoom lens)
	contrast	>5000 : 1 (typical)
	brightness	1000 ANSI lumens, continuously adjustable
	lamp	220W UHP™, adjustable power, 170 - 220W
	lamp life expectancy	3000 hours typical in standard power mode 2250 hours in high power mode
connectivity	video	HDMI 1.3 (HDCP) DVI-I (HDCP) (HDMI 1.3 compatible) 1x RCA (YPbPr, YCbCr) (component video) 1x S-Video (s-video) 1x RCA (composite video) HDD-15 (RGBHV, RGBS, RGBS, YUV)
	control	LAN (TCP/IP), RS232, USB IR remote control with IR repeater input
general	operating noise level	<30 dB(A) typical in standard mode
	dimensions (d x w x h)	234 x 278 x 94 mm
	weight	3.4 kg / 7.5 lbs
	available colours	pearl white, vanquish grey, matte black metallic
	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 (cm)		compensation (cm)
cm	inches	min	max	<125%
160 x 90	72	256	336	22
182 x 103	82	291	382	26
203 x 114	92	324	426	29
221 x 125	100	354	464	31
234 x 132	106	374	491	33
244 x 137	110	390	512	34

± 5% tolerances

Standardised bolt-on ceiling mount interface



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