



aviello

by projectiondesign



helios

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Key features

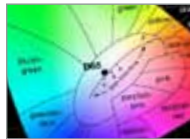
The helios is unlike all others of the breed. Using our own, proprietary optical design, it is dramatically more effective and gives access to a range of new features not found on seemingly similar projectors. Increased brightness and contrast levels, and introducing true optical colour processing, it surpasses the configurability and application fit of most other projectors in the market.



The key to optimum image quality and installation flexibility is ensured with a wide range of projection lenses, covering a 0.75 – 6.24 : 1 throw ratio. All lenses are user replaceable and feature both vertical and horizontal shift, giving total freedom in placement of the projector. A custom designed anamorphic lens system is available directly from us.



The helios can be configured with optical DCI compliant colours filter pre-installed. That means a projector that is configured for a REC709 Home Theater can be turned into a fully compliant film grading machine just by pressing a key on the remote. The quality embraced by the film professionals is now made available to the public.



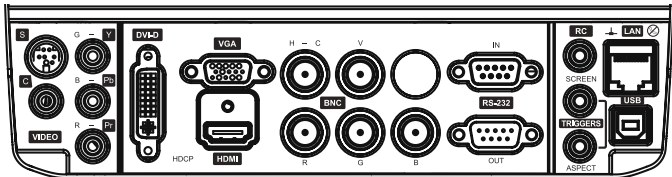
Each projector is uniquely characterised and calibrated at the factory, with settings unique to each projector stored in it and also stored in our central database for future referencing. Every projector is carefully hand-built, tuned, verified and tested in-house before it leaves our premises to go to the customer. Every single step is quality controlled according to strict procedures, from assembly to packaging and shipment. Not to mention the development and research. High tech testing and measurement equipment is deployed at every stage.



Technical specifications

Technical specifications		helios
projector		full HD 1080p home cinema DLP® projector
display	concept	three chip, 0.95" 1080p DMD™
	Brightness	1920 x 1080 resolution 12fl at 300" diagonal
	compatibility	1080i/p, 720p, 576i/p, 480i/p, PAL SECAM, NTSC digital and analogue RGB
optics and lamp	signature series projection lenses	1.70 – 2.55, 2.5 – 4.00, 3.90 – 6.24 : 1
	standard projection lenses	0.74:1, 1.2 – 1.70 : 1
	lens offset	adjustable: vertical ±117%, horizontal ±84%
	contrast	>10000 : 1 (native optical contrast)
	lamp	2x 330W FusionPlus VIDU UHP™
	lamp life expectancy	2500 hours typical in standard power mode 2000 hours in high power mode
connectivity	video	HDMI 1.3a (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, RGSB, YUV)
	control	LAN (TCP/IP), RS232, USB IR remote control with IR repeater input AMX Device Discovery, Crestron Certified Partner
general	power requirements	12.5A or 6.5A, 100-120V or 200-240V, 50-60Hz
	dimensions (d x w x h)	604 x 501 x 250 mm (excluding lens)
	weight	about 22 kg / 48.5 lbs. (excluding lens)
	conformances	CE, CSA, FCC Class B, CCC
	available colours	etruscan bronze
warranties	3 years limited warranty, 90 days/500 hours on lamp. Conditions apply	

Comprehensive connectivity

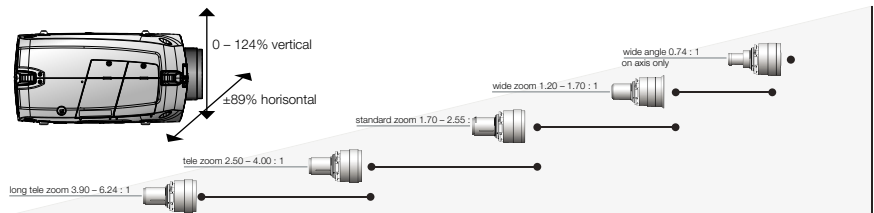


The comprehensive input panel features two digital video inputs, in addition to comprehensive control and command interfaces, compatible with for instance AMX and Crestron home automation systems.

SIGNATURE SERIES

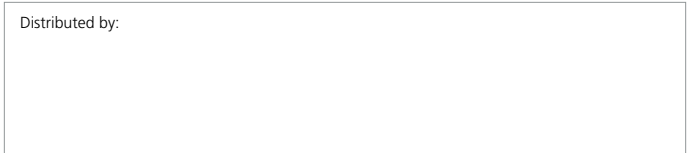


Comprehensive range of projection lenses



Multiple lens options allow for flexibility in installations.

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