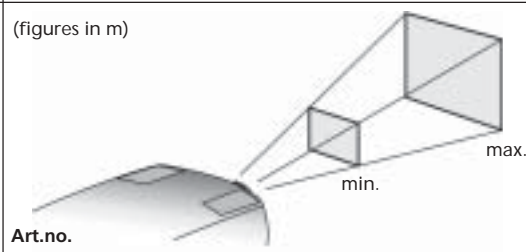




Technical data		
Display	Technology	3 x 1.3" polysilicon TFT LCD with MLA – Micro Lens Array
	Resolution	1024 x 768 pixels
Image quality	Brightness	3,300 ANSI lumens (typ.)
	Brightness uniformity	90%
	Contrast ratio	950 : 1
	Colours	16.7 million – 24 bit
Optical System	Lens	1.3 x manual zoom, f = 47 – 61 mm, F = 1.8 – 2.1
	Image size	0.61 – 7.86 m / 24" – 309" diagonal
	Projection distance	1.1 – 11.0 m
	Projection ratio	1.75 – 2.24 : 1 (distance : width)
	Keystone correction	9 : 1 (optical) / ± 35° (digital)
Lamp	Lamp	250 Watt UHP
Compatibility	Computer	640 x 480 (res.), 800 x 600 (res.), 1024 x 768, 1280 x 1024 (res.), max. 1400 x 1050 (res.) RGBHV, RGBS, RG _b B PAL, SECAM, NTSC; HDTV (1080i, 720p) via YP _b P _r , RGB; HDCP via DVI
	Video	15 – 100 kHz 43 – 130 Hz 165 MHz analog, 112 MHz digital
	Horizontal sync.	15 – 100 kHz
	Vertical sync.	43 – 130 Hz
	Bandwidth	165 MHz analog, 112 MHz digital
	Mouse	USB, PS/2, MS serial
Input/Output	Computer 1, 2 in	VGA 15 pin HD
	Computer 3 in	BNC 5 x
	Computer 4 in	DVI-D (Digital Visual Interface)
	Computer audio in (4x)	3.5 mm mini stereo jack
	Mouse control 1	USB
	Mouse control 2	8 pin mini DIN for MS serial and PS/2 mouse
	Composite video	RCA
	S-video	4 pin mini DIN
	Component video	3 x BNC
	Video audio in	RCA L/R
	Network	RJ-45 10baseT
	Monitor out	15 pin HD (only analog)
	Audio line out	RCA L/R
	Remote control	2.5 mm mini stereo jack
General	Loudspeaker	2 x 5 Watt and 1 x 20 Watt subwoofer
	Power supply	100 – 240 VAC, 50 / 60 Hz
	Power consumption	380 Watt max.
	Operating temp.	10° – 35° C
	Operating noise	< 34 dB (A)
	Size	32.2 x 35.2 x 13.0 cms (W x D x H)
	Weight	6.0 kg
	Conformances	CE, UL, cUL, FCC Class A, IRAM, NOM
	Warranty	24 months (Lamp: 6 months)
Supplied Accessories	Cables	VGA cable, 4 m AV cable, 4 m USB mouse cable, 4 m Power cord, 4 m S-VHS cable, 4m
	Accessories	IR remote control with mouse control and laser pointer Batteries Scart adapter User guide (multilingual) Lens cap Dust cover

Projection sizes			
zoom lens 47 – 61 mm			
Distance	Diagonal	Height	Width
1.1 (min.)	0.61 – 0.79	0.37 – 0.47	0.49 – 0.63
2	1.12 – 1.43	0.67 – 0.86	0.89 – 1.14
4	2.23 – 2.86	1.34 – 1.71	1.79 – 2.29
6	3.35 – 4.29	2.01 – 2.57	2.68 – 3.43
8	4.46 – 5.71	2.68 – 3.43	3.57 – 4.57
10	5.58 – 7.14	3.35 – 4.29	4.46 – 5.71
11 (max.)	6.14 – 7.86	3.68 – 4.71	4.91 – 6.29



99 050	A+K AstroBeam X311
Options	
21 231	Spare lamp 250 Watt UHP
99 052	Flightcase
99 055	A+K Aluminium frame hard case
99 056	A+K Aluminium frame hard case with castors
99 054	Tele lens 112 mm
19 155-01	Ceiling mount bracket Aero, 110 mm
19 155-02	Ceiling mount bracket Aero, 300 – 350 mm
19 155-03	Ceiling mount bracket Aero, 500 – 750 mm
19 155-04	Ceiling mount bracket Aero, 650 – 900 mm
19 155-05	Ceiling mount bracket Aero, 850 – 1100 mm
19 156-41	Projector attachment A+K AstroBeam X311 for A+K Ceiling mount bracket 19 155-xx
19 870	A+K Microsaver anti-theft device



A+K Catalogue and more: www.anders-kern.de

Subject to technical alterations!

10/02

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professional	brighter	network integration	guaranteed
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X311



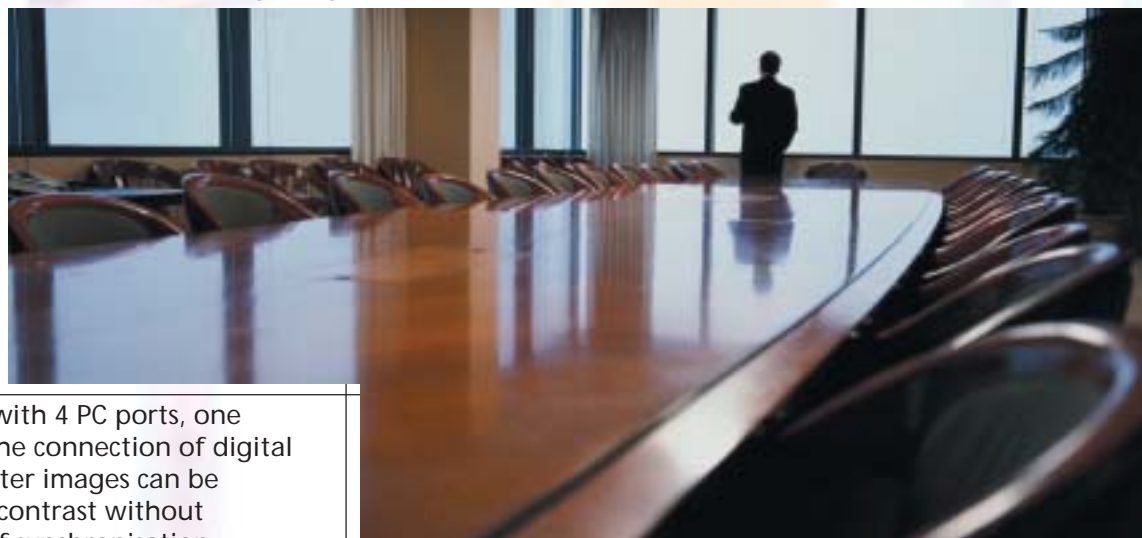
The 3,300 ANSI lumens projector A+K AstroBeam X311 –
the convincing combination of connectivity and power.

X311



A+K AstroBeam X311

The A+K AstroBeam X311 is a high-quality desktop data/video projector which can be integrated into computer networks. It delivers brilliant pictures in XGA resolution with 1024 x 768 pixels and reaches a powerful brightness of 3,300 ANSI lumens due to the integrated micro lens system. Its unusually high contrast ratio of 950 : 1 guarantees an extremely good image quality especially for the projection of video images. The projector weighs 6.0 kg and has a convincing design.



Network integration for full control

With an optional software the A+K AstroBeam X311 can be connected to a TCP/IP network via its standard RJ-45 port and then be controlled by using network software. In this way, remaining lamp life, projector status and service needs can be monitored from the IT department.

Silent ventilation

The A+K AstroBeam X311 is one of the most silent models in its class. The low noise level of less than 34 dB (A) guarantees for undisturbed presentations.

Sound system

Apart from two high-quality 5 Watt stereo loud speakers the X311 is equipped with a powerful 20 Watt subwoofer which supports your presentation with a rich sound wherever you are.

Ease-of-use

– Auto set-up

Due to the integrated auto set-up function connecting the mains and signal cables is all you have to do to technically prepare for your presentation. Then the projector adjusts automatically within seconds for an optimum projection result.

– On-screen menu

With comprehensible symbols the on-screen menu allows for easy control and adjustment of the projector.

– IR remote control with laser pointer

With the included IR remote control you control the projector as well as your presentation and all functions of the computer mouse. The laser pointer highlights important details.

Presentation functions

A wide range of useful presentation functions guarantees the flexible use of the A+K AstroBeam X311 in different presentation situations:

– Digital keystone correction

Guarantees for a rectangular image by correcting the trapezoidal distortion of the picture in an upward of downward projection. The maximum angle of correction is $\pm 35^\circ$. Thus the X311 is suitable for use with a holographic projection screen as well.

– Digital zoom

Enlarges part of the projected image to enhance details.

– Blank

Turns the screen black during presentation, for example to turn the attention from the screen towards the lecturer.

– Freeze

Freezes the projected image.

– Logo

Due to the logo function you can show your company logo during a pause instead of blank or freeze.

– Mute

With the mute function you can turn off the sound of your presentation to catch the full attention of your audience.

– 16 : 9 video

With the 16 : 9 video function 16 : 9 video signals can be projected distortion free in full resolution.

– Ceiling and rear projection

Inverts or reflects the projected image so the projector may be ceiling mounted or used in a rear projection.

Connectivity

The projector is equipped with 4 PC ports, one of which is a DVI port for the connection of digital signal sources. Thus computer images can be projected clear and rich in contrast without complicated adjustments of synchronisation. Furthermore, the X311 is one of very few data/video projectors in the market which are equipped with a BNC port for use with professional video as well as a component video port for projection of high-resolution HDTV video signals. The completely redeveloped video signal processing guarantees optimum quality in video projection. Additionally, all standard PC, video, and audio signals can be connected.

