



Kindermann KX 450W active

Interactive short-throw projector with WXGA resolution

Lumens: 2600

Resolution: WXGA (1280 x 800)

Low noise level: 29 dBA / ECO

- Short-throw with R=0.63 (100" diagonal at 1.35 m distance)
- Integrated interactive whiteboard functionality
- New interactive software LightPen 3 with numerous new control functions
- Control and maintenance via network (LAN)
- Quick turn on and off with Quick Power on/off (10 sec.)
- Lamp and filter change on the side
- Special air filter for special environmental conditions
- Many automatic functions (e.g. automatic keystone, auto-ceiling)
- 7 colour modes incl. different board modes (white, green, black)
- Company logo can be saved



TECHNICAL DATA	Kindermann KX 450W active
Ref. No.	3000 000 470
Native resolution (pixels)	WXGA (1280 x 800)
Supported resolutions	VGA - UXGA, MAC; 480p - 1080p
Lumens	2600
Display type	3 x 0.59" LCD
Contrast ratio	500 : 1
Frequency: horizontal, vertical	31 - 92 kHz, 48 - 120 Hz
Focal length in mm	13.78 fix manual focus
Image diagonal in m	1.24 - 2.6
Projection distance in m	0.64 - 1.4
Ratio (distance : image width)	0.63 : 1
Interchangeable lenses	no
Lamp	210 W UHP; lamp life typ. 3000 h / 5000 h (Eco)
Noise level	32 dB / 29 dB (Eco)
Dimensions in mm	360 x 140 x 348
Weight in kg	4.1
INPUTS / OUTPUTS	
Computer VGA (analogue)	1 x HD 15, 1 x HD 15 switchable In/monitor-Out
DVI/HDMI (digital)	1 x HDMI
Video	1 x Cinch
S-Video	1 x Mini DIN 4 Pin
Component video	1 x Cinch/3
RS232 interface	1 x RS232 (DB 9 plug)
LAN control	1 x LAN (RJ45)
Mouse interface	USB (type B), only for interactive function with light pen
Audio (computer)	2 x 3.5 mm stereo jack
Audio (video)	1 x Cinch/2
Monitor output	1 x HD15 switchable In/monitor-Out
Audio output	1 x 3.5 mm stereo jack
SPECIAL FUNCTIONS	
Keystone correction(digital)	vertical $\pm 30^\circ$
Loudspeaker	1 x 8 W
Safety features	various anti-theft devices
Voltage	100-240 V AC, 50/60 Hz
Special features	RS232 interface (D-Sub 9 pin) for media control
Lamp warranty	1000 h or 1 year (whatever comes first)
Warranty	2 years bring in
Package includes	IR remote control with laser pointer, set of cables; LightPen 3 Software, IR pen, IR- stick for LightPen