

# ED-X33 ED-X31



## EDUCATION PROJECTORS

### Virtually maintenance free education projector

#### Performance

- 1500 ANSI Lumens with optical zoom
- Full connectivity
- Quick Start and Instant Off
- Auto vertical keystone
- Input source naming
- My Button
- Low level noise - 29dB
- 7.0W Audio output
- Whiteboard mode and blackboard mode
- Anti theft features:
  - PIN-Lock
  - MyScreen lock
  - Transition detector
  - Security bar
  - Kensington lock

#### Cost of ownership

- 4000 Hour filter cleaning cycle
- Extended hybrid filter life
- No additional filter cleaning costs
- Long lamp life
- Virtually maintenance free
- Easy setup and installation

#### Environment

- Reduced carbon footprint by extended service intervals
- The hybrid filter and longer lamp life reduce electronic waste

*Hitachi have formulated an "Environmental Vision" to contribute towards building a sustainable society through business and product development.*

*Our goal is to develop life-enhancing technology that will contribute to and realise a truly sustainable society for current and future generations.*



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# ED-X33/ED-X31 Technical specifications

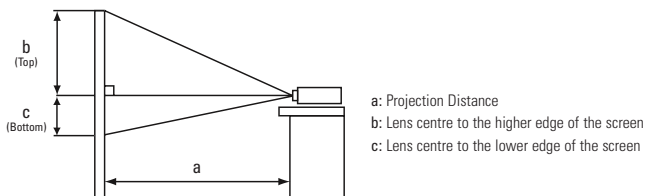
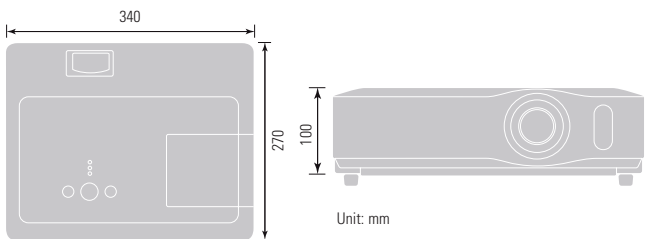


Image Size 4:3				
Screen Size (Diagonal)	Projection Distance (a)		Screen Height (cm)	
	min. (m)	max. (m)	b (top)	c (bottom)
40" (1.0)	1.2	1.4	55	6
60" (1.5)	1.8	2.1	82	9
100" (2.5)	3.0	3.6	137	15
150" (3.8)	4.5	5.4	206	23
200" (5.1)	6.0	7.2	274	30
300" (7.6)	9.0	10.8	411	46

OPTICAL	
LCD Panel	0.63" P-Si TFT x 3
Resolution	XGA: 1024 x 768 lines
Brightness	Bright Mode: 2000 ANSI Lumens Normal Mode: 1500 ANSI Lumens
Contrast Ratio	600:1
Lens	F2.3-2.5 (f=18.9-22.6mm) Manual Focus, Manual Zoom x 1.2
Lamp	220W UHB
Lamp Life	3000 (Bright mode)/4000 (Normal mode)
Projection Distance	0.9 ~ 10.8M
Distance to Width Ratio (:1)	1.5 ~ 1.7
Diagonal Display Size	30 ~ 300" (60"@1.8m, Wide)
Number of Colour	8 Bit/colour, 16.7M colours
Keystone	9:1 upward shift, fixed

COMPATIBILITY	
Computer Compatibility	IBM Compatible VGA, SVGA, XGA, SXGA, UXGA Capability, MAC 16" (Pixelworks chip)
Video Compatibility	NTSC/PAL/SECAM/PAL-M,N/NTSC4.43 SDTV: 525i(480i), 525p(480p), 625i(576i) HDTV: 750p(720p@60Hz), 1125i(1080i@50/60Hz)
Plug & Play	DDC2B
Frequency Range	FH 31.5~106kHz, FV 56~120Hz

FEATURES	
Audio Output	7W Mono
Other	Freeze, Magnifying, Blank, Auto adjustment, Search, Page UP&DOWN (for USB mouse function), Equalising Gamma Correction, 2-3 pull down, Progressive Scan, Noise Reduction, Auto V keystone +/- 30 degrees (@XGA 60Hz), MyScreen, My Memory, My Button, blackboard/whiteboard mode, Day Time mode, input source naming (english), resolution setting, Easy Lamp replace from Top, Air Filter on side, Serial Number label on side, Quick ON (6 sec target), Direct ON, Direct Off, Security Bar, PIN-Lock, MyScreen PIN-Lock, Keypad Lock, Kensington slot, Transition Detector
OSD Languages	MENU: 17 Language

CONNECTIONS	
Computer Input	15-pin Mini D-sub x 2
Computer Output	15-pin Mini D-sub x 1
Video Input	RCA Jack x 1 S-Video Jack x 1 RCA Jack x 3 for Component
Audio Input	Stereo Mini Jack x 2 RCA (L/R) x 1 pair (Selectable on OSD)
Audio Output	Stereo Mini Jack x 1
Control and Mouse	9-pin D-sub x 1 for RS232 control

POWER	
Power Supply	100-120V/220-240V, auto switching
Power Consumption	320W

PHYSICAL	
Dimensions (W x H x D)	340 x 100 x 270mm (excluding feet and extrusions)
Weight	3.5Kg
Noise Level	29dB / 35dB
Air Filter	Hybrid

MISCELLANEOUS	
Lamp indicator light, Power light, Ceiling Mount image, Rear Projection Image	

CERTIFICATION	
UL60950/C-UL, FCC Part 15 Class B, CE, AS/NZS CISPR22 Class B	

ACCESSORIES SUPPLIED	
Remote Control with batteries, Computer Cable, Power Cord, User Manual (detail & concise), Lens Cap (& strap), Security Label, AV cable	

OPTIONAL ACCESSORIES	
Replacement Lamp	DT00841
Replacement Remote Control	HL02227

Image Size 16:9				
Screen Size (Diagonal)	Projection Distance (a)		Screen Height (cm)	
	min. (m)	max. (m)	b (top)	c (bottom)
40" (1.0)	1.3	1.5	51	-2
60" (1.5)	1.9	2.3	77	-2
100" (2.5)	3.2	3.9	129	-4
150" (3.8)	4.9	5.8	193	-6
200" (5.1)	6.5	7.8	257	-8
300" (7.6)	9.8	11.7	386	-12

