

ED-X40Z ED-X42Z

INNOVATE
The Future of Projection



ED-X40Z

ED-X42Z

EDUCATION LCD PROJECTORS

With an improved Super Hybrid Filter and long life lamp, these education projectors are virtually maintenance-free, offering high quality performance and exceptional value for money.

Performance

- 1500 ANSI Lumens with optical zoom
- Contrast ratio 500:1
- Full connectivity
- Quick Start and Instant Off
- Auto vertical keystone
- Input source naming
- My Button
- Low level noise - 29dB
- Whiteboard Mode and Blackboard Mode
- Anti theft features:
 - PIN-Lock
 - MyScreen Lock
 - Transition detector
 - Security bar
 - Kensington Lock

Cost of ownership

- Extended hybrid filter life with new Super Hybrid Filter (6000 hour cleaning cycle)
- No additional filter cleaning costs
- Extended lamp life - 6000 hours (Eco Mode)*
- Virtually maintenance free
- Easy setup and installation
- 3 year warranty for projector and lamp

Environment

- Reduced carbon footprint by extended service intervals
- The Super Hybrid Filter and longer lamp life reduce electronic waste
- Reduced power consumption - only 1W in Standby Mode

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.

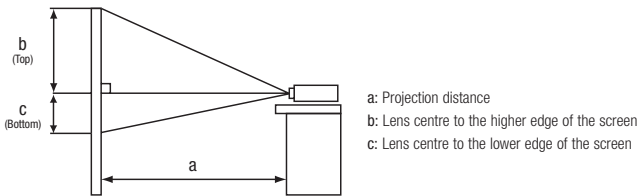
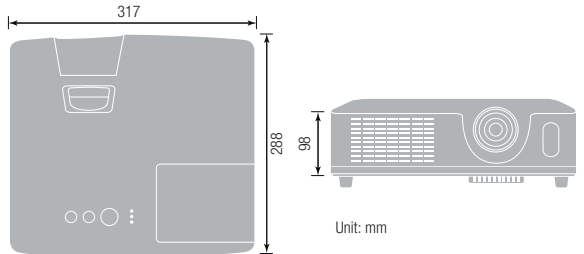


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ED-X40Z Technical specifications

ED-X42Z



Screen Size (Diagonal)	Projection Distance (a)		Screen Height (cm)	
	min. (m)	max. (m)	b (top)	c (bottom)
30" (0.8)	0.9	1.0	41	5
40" (1.0)	1.2	1.4	55	6
50" (1.3)	1.5	1.8	69	8
60" (1.5)	1.8	2.1	82	9
100" (2.5)	3.0	3.6	137	15
150" (3.8)	4.5	5.3	206	23
200" (5.1)	6.0	7.1	274	30
250" (6.4)	7.5	8.9	343	38
300" (7.6)	9.0	10.7	411	46



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*The stated lamp life refers to the average life expected in ideal operating conditions with usage in accordance with the manual. The majority of, but not all lamps should achieve this figure. **Via RS-232C control. The specification above and photography is for reference only and may be subject to change.

OPTICAL

LCD panel	0.63" P-Si TFT x 3
Resolution	XGA
Brightness	Bright mode 2200 ANSI Lumens Normal mode 1500 ANSI Lumens
Contrast ratio	500:1
Lens	Manual focus, manual zoom x 1.2
Lamp	190W UHP
Lamp life	3000 hours (Bright Mode)/6000 hours (Eco Mode)**
Diagonal display size	30~300" (60"@1.8m, wide)
Number of colours	8 Bit/colour, 16.7M colours
Keystone	9:1 upward shift, fixed

COMPATIBILITY

Computer compatibility	IBM compatible VGA, SVGA, XGA, WXGA, SXGA, SXGA+, UXGA compressed, MAC 16"
Video compatibility	NTSC/PAL/SECAM/PAL-M/PAL-N/NTSC4.43/PAL60 SDTV: 480i, 480p, 576i, 576p HDTV: 720p@50/60Hz, 1080i@50/60Hz, 1080p@50/60Hz DDC2B (RGB1)

FEATURES

Audio output	1W Mono
Basic functions	Freeze, Magnifying, Blank, Auto adjustment, Search, Page UP & DOWN (for USB mouse function)
Picture adjustments	Equalising Gamma Correction, 2-3 pull down, Progressive Scan, Noise Reduction
Digital keystone	Auto V keystone ±30 degrees (@ XGA 60Hz)
Advanced features	MyScreen, My Memory, My Button, My Source, My Text, Blackboard/Whiteboard Mode, Daytime Mode, Input source naming (English), Resolution setting, Closed caption (for NTSC only), Template, Audio pass through, AMX Device Discovery**
Outward	Easy Lamp replace from top, Air filter sliding from bottom to top
Power on & off	Quick On, Direct On, Auto Off
Security systems	PIN-Lock, MyScreen PIN-Lock, Keypad Lock, Kensington slot, Transition Detector, Security bar, Security label on side
OSD languages	MENU: 31 Languages OSD: English, French, German, Spanish, Italian, Norwegian, Dutch, Japanese, Portuguese, Simplified Chinese, Traditional Chinese, Korean, Swedish, Russian, Finnish, Polish, Turkish, Arabic, Persian, Czech, Danish, Hungarian, Romanian, Slovenian, Croatian, Greek, Lithuanian, Estonian, Latvian, Thai, Portuguese (Brazil)

CONNECTIONS

Computer input	2 x 15-pin Mini D-sub
Computer output	1 x 15-pin Mini D-sub
Video input	1 x RCA Jack for composite 1 x S-Video Jack 3 x RCA Jack for Component
Audio input	2 x Stereo Mini Jack 1 x RCA (L/R) pair (selectable on OSD)
Audio output	2 x RCA Jack (L/R)
Control and Mouse	1 x 9-pin D-sub for RS-232C control, 1 x USB type B

POWER

Power supply	100~120V/220~240V, auto switching
Power consumption/standby	260W/<1W

PHYSICAL

Dimensions (W x H x D)	317 x 98 x 288mm (excluding feet and extrusions)
Weight	3.5Kg
Noise level	29dB/36dB
Air filter	Super 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

OPTIONAL ACCESSORIES

Replacement lamp	DT01021
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WARRANTY

Projector Warranty	3 Years
Lamp Warranty	3 Years

Image Size 16:9

Screen Size (Diagonal)	Projection Distance (a)		Screen Height (cm)	
	min. (m)	max. (m)	b (top)	c (bottom)
30" (0.8)	1.0	1.1	39	-1
40" (1.0)	1.3	1.5	51	-2
50" (1.3)	1.6	1.9	64	-2
60" (1.5)	1.9	2.3	77	-2
100" (2.5)	3.3	3.9	129	-4
150" (3.8)	4.9	5.8	193	-6
200" (5.1)	6.6	7.8	257	-8
250" (6.4)	8.2	9.7	322	-10
300" (7.6)	9.9	11.7	386	-12

