CP-A100/ED-A100/ED-A110

Ultra Short Throw LCD Projector

Don’t let a projector come between you and your audience.

Featuring unique Hitachi optical technology, the CP-A100/ED-A100/ED-A110 has an ultra short throw capability delivering a 60" projection screen at only 42cm*.

This allows the projector to be sited very close to the screen, eliminating shadowing effects and allowing greater flexibility for the user. With advanced picture quality, added usability and security features this product will revolutionise the use of projectors in education and business.

*9.6cm from the front of the projector to the screen

3LCD

HITACHI
Inspire the Next

Hitachi's Ultra Short Throw LCD Projectors

CP-A100

ED-A100

ED-A110

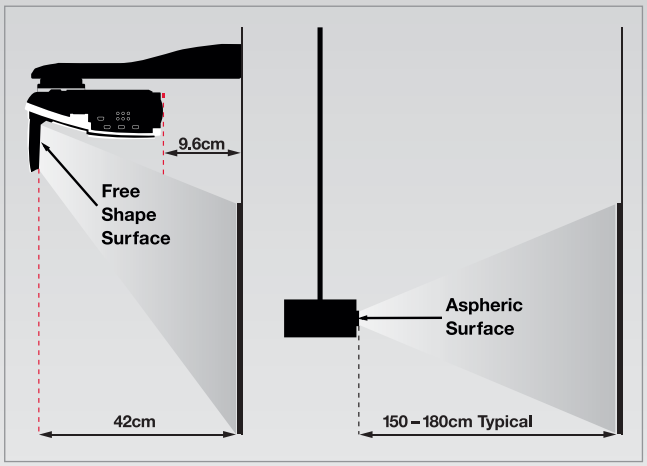
- World's first high performance free shaped lens
- Unique Hitachi technology
- Ultra Short Throw – 42cm for 60"
- Brightness:

CP-A100:	Normal Mode	– 2500 Lumens
	Whisper Mode	– 2000 Lumens
ED-A100:	Normal Mode	– 1500 Lumens
	Bright Mode	– 2000 Lumens
ED-A110:	Normal Mode	– 1500 Lumens
	Bright Mode	– 2000 Lumens

- Full Connectivity – RGB 2in/1out, Video, S-Video, Component, 3 x Audio in, 1 x out
- Network capability – LAN through RJ-45
- Easy Maintenance – Conveniently located lamp door on top of the projector, plus a highly effective filter ensures that servicing and maintenance are kept to a minimum
- Enhanced Security – Security bar, PIN lock, MyScreen PIN Lock, Keypad lock, E-mail alert when connected to a LAN

Hitachi Ultra Short Throw technology

The CP-A100/ED-A100/ED-A110 use the world's first, high performance, free shaped lens, uniquely developed by Hitachi, this allows the projector to produce a 60" image, at only 42cm* from the mirror to the screen.



Ultra Short Throw. Long term benefits

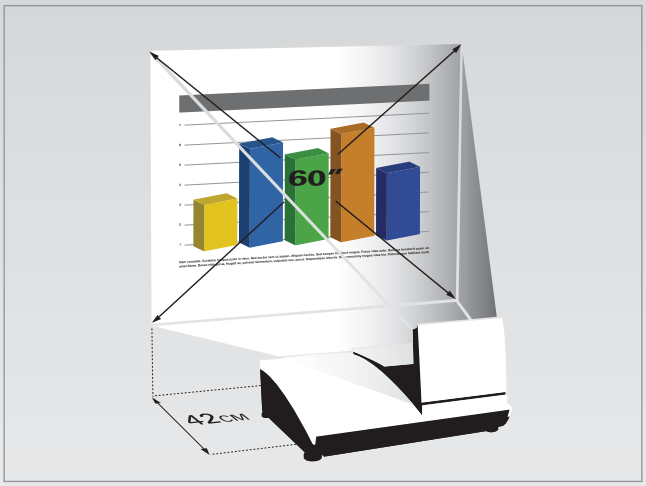
Using Hitachi's new unique high performance lens, we are able to dramatically reduce the throw distance, combined with the introduction of a high angle projection capability means that the quiet CP-A100/ED-A100/ED-A110 projector can be sited only 42cm away for a 60" screen.

Benefits include:

- Optimises available space
- Flexible for both intimate or large environments
- More room for presenter and audience
- Shadow free presentations
- No direct glare from the projector light

Versatile Performance

With their compact size and ability to project a 60" image from just 42cm, measured from the mirror to the screen. Hitachi's CP-A100/ED-A100/ED-A110 Ultra Short Throw projectors are perfect in any size of room, be that a boardroom, a classroom or at home and can project either on to a wall or even on a tabletop.



Network Capability

LAN through RJ-45. This feature enables you to monitor and control your projector from one place so less time is required for checking and maintenance, reducing the total cost of ownership.

For example:

- Turn all your projectors off at once
- Schedule maintenance to reduce the projector downtime
- Prevent loss, with an e-mail alert when the projector becomes disconnected from the LAN

*9.6cm from the front of the projector to the screen

- **Security**
  Excellent multi-level security protection reduces the risk of theft, including PIN locks, security bar, security labels, Kensington lock, an email alert when removed from the network.

PIN Lock

MyScreen PIN Lock

- **Picture quality**
  Hitachi's unique high performance lens technology, creates the highest possible picture quality. The vivid 3LCD 8 bit /colour offers 16.7m colours with XGA resolution bringing you clear, and sharp images.

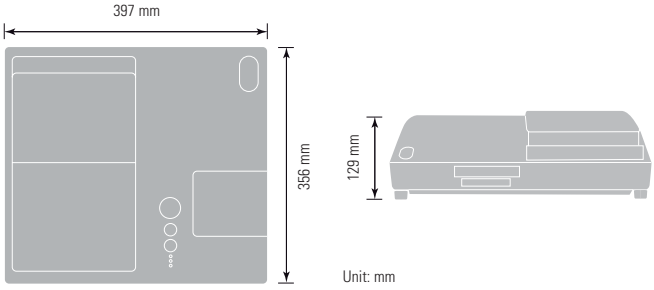
- **Easy Maintenance**
  Easy maintenance is assured with the inclusion of highly effective parts throughout the projector. The lamp door is located on top of the projector so it's really easy to access the lamp, this combined with the sliding filter door, ensures it is quick and easy to clean, maintain and replace these items.

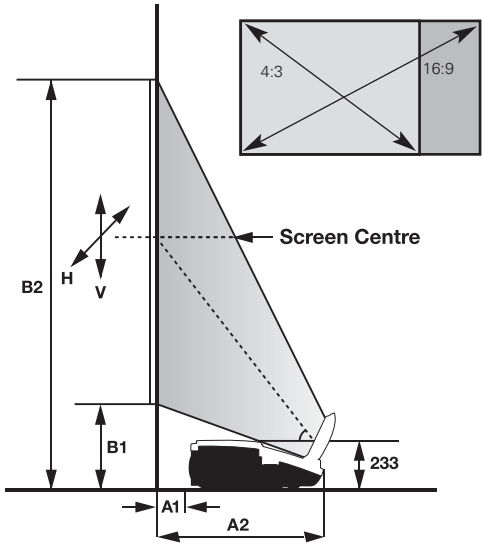
- **Connectivity**
  Wide-ranging connectivity features include Dual RGB inputs and one RGB output, Video, S-Video, Component, three audio inputs and one output, plus an RJ-45 socket for wired LAN access.

- **Design**
  The CP-A100/ED-A100/ED-A110 has been refined to create a complete compact product design. Using stylish contours to create a modern look.

- **Low Noise**
  With a low noise level of just 29dB, and with the projector further away from the audience, there are fewer distractions in meetings and presentations and the presenter or teacher can concentrate on their presentation or lesson.

CP-A100/ED-A100/ED-A110





Technical Specifications

OPTICAL

Resolution	XGA
Number of colour	8 bit/colour, 16.7 M colours
Brightness CP-A100	Normal Mode - 2500 Lumens, Whisper Mode - 2000 Lumens
ED-A100	Normal Mode - 1500 Lumens, Bright Mode - 2000 Lumens
ED-A110	Normal Mode - 1500 Lumens, Bright Mode - 2000 Lumens
Contrast Ratio	500:1
Lens	Motorised mirror. Mirror opens when the lamp is turned on, and closed when the lamp is off. Electronic focus. Digital zoom
Lamp	220W
Diagonal Display Size	60~100"

COMPATIBILITY

Computer Compatibility	IBM Compatible VGA, SVGA, XGA, SXGA, UXGA, MAC 16"
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)

FEATURES

Plug & Play	(DDC2B)
OSD Languages	MENU: 17 Languages including Hungarian
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	Manual Vertical keystone 5 degrees (@XGA 60HZ)
Keystone Correction	10: -2.2 Upward shift
Advanced Features	MyScreen, My Memory, My Button, Blackboard/Whiteboard mode, Day time mode, Input source naming (English), Resolution setting
Outward	Easy Lamp replace from top, Back side filter
Power on & off	Quick on, direct on, direct off
Security Systems	PIN lock, MyScreen PIN lock, Keypad lock, Kensington slot, E-mail alert

CONNECTORS

Computer Input	2 x 15-pin Mini D-sub
Monitor Out Port	1 x 15-pin Mini D-sub
Video Input Port	1 x RCA Jack 1 x S-Video Jack 1 x Component
Audio Input Port	2 x Stereo Mini Jack 1 x RCA (L/R) Pair (Selectable on OSD)
Audio Output Port	1 x Stereo Mini Jack
Control Port	1 x 9-pin D-sub for RS232 control
Wired Network	1 x RJ-45
Mouse Emulation Port	1 x USB Type B for mouse control

POWER

Power Supply	100-120V/220-240V auto switching

PHYSICAL

Dimensions (W x H x D)	397 x 129 x 356 mm (excluding feet and extrusion, when mirror is closed)
Weight	5.9 Kg (Target)
Noise Level	29dB/35dB (target)
Air Filter	Polyurethane

CERTIFICATION

UL 60950/C-UL, FCC Part 15 Class B. CE, AS/NZS CISPR22 Class B

MISCELLANEOUS

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

ACCESSORIES SUPPLIED

Remote Control with Batteries	●
Power Cord	●
User Manual	●
Computer Cable	●
Security Label	●
Cable Cover	●
Stand	● (optional)

CP-A100/ED-A100/ED-A110 Throw Distance – 4:3 Screen

Screen Size (Inch)	H x V		A1	A2	B1	B2
	(m)	(m)	(cm)	(cm)	(cm)	(cm)
48	1.0	0.7	0.5	32.9	24.4	98.2
50	1.0	0.8	2.0	34.4	25.2	101.9
60	1.2	0.9	9.6	42.0	28.9	120.4
70	1.4	1.1	17.2	49.6	32.6	139.3
80	1.6	1.2	24.8	57.2	36.2	158.2
90	1.8	1.4	32.4	64.8	39.9	177.1
100	2.0	1.5	39.9	72.3	43.6	196.0
120	2.4	1.8	55.0	87.4	50.9	234.0
150	3.0	2.3	77.7	110.1	62.0	291.0
200	4.1	3.0	115.5	147.9	80.4	385.7
250	5.1	3.8	153.3	185.7	98.8	480.4
300	6.1	4.6	191.1	223.5	117.2	575.1

CP-A100/ED-A100/ED-A110 Throw Distance – 16:9 Screen

Screen Size (Inch)	H x V		A1	A2	B1	B2
	(m)	(m)	(cm)	(cm)	(cm)	(cm)
44	1.0	0.5	0.5	32.9	34	88.9
50	1.1	0.6	5.4	37.8	37	99.9
60	1.3	0.7	13.7	46.1	43	118.3
70	1.5	0.9	22.0	54.4	50	136.8
80	1.8	1.0	30.2	62.6	56	155.3
90	2.0	1.1	38.5	70.9	62	173.9
100	2.2	1.2	46.6	79.0	68	192.3
120	2.7	1.5	63.1	95.5	80	229.5
150	3.3	1.9	87.8	120.2	98	285.3
200	4.4	2.5	129.0	161.4	129	378.2
250	5.5	3.1	170.2	202.6	160	471.0
300	6.6	3.7	211.4	243.8	190	563.7

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The specification above and photography is for reference only and may be subject to change.

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