

# CP-A100

INNOVATE  
The Future of Projection



## ULTRA SHORT THROW LCD PROJECTOR

Featuring unique Hitachi optical technology, the CP-A100 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.

- World's first high performance free shaped lens
- Unique Hitachi technology
- Ultra Short Throw – 42cm\* for 60"
- Normal Mode - 2500 Lumens  
Eco Mode - 2000 Lumens
- Full Connectivity – RGB 2in/1out, 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

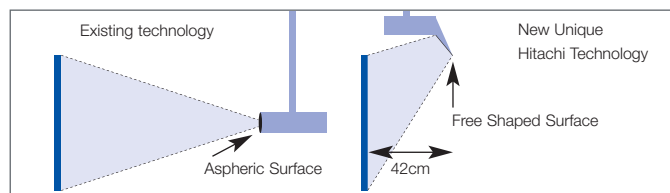


\*9.6cm from the front of the projector to the screen

**HITACHI**  
Inspire the Next

# CP-A100

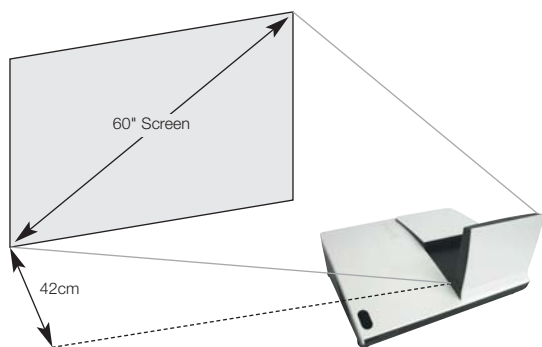
- **Hitachi Ultra Short Throw technology** – The CP-A100 uses the world's first, high performance, free shaped lens, uniquely developed by Hitachi, this allows the projector to produce a 60" image, at only 42cm\* from the mirror to the screen.



- **Ultra Short Throw** – 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 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 42 cm, measured from the mirror to the screen. Hitachi's CP-A100 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.

## Technical Specifications

### OPTICAL

LCD Panel	0.63" P-Si TFT x 3 with MLA
Resolution	XGA
Number of colours	8 bit/colour, 16.7 M colours
Brightness	Normal Mode - 2500 Lumens, Eco 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
Lamp Life	2000 hours (Normal Mode)/3000 hours (Whisper Mode)
Diagonal Display Size	60"~100"

### COMPATIBILITY

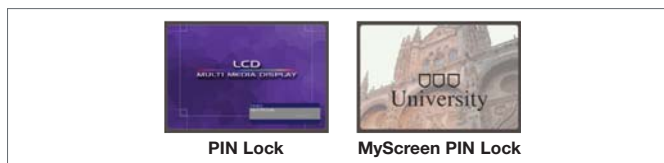
Computer Compatibility	IBM Compatible VGA, SVGA, XGA, SXGA, UXGA compressed, MAC 16"
Video Compatibility	NTSC/PAL/SECAM/PAL-M/N/NTSC4.3 SDTV: 525i(480i), 525p(480p), 625i(576i) HDTV: 750p (720p@60Hz), 1125i(1080i@50/60Hz)

### FEATURES

Plug & Play	(DDC2B)
OSD Languages	MENU: 17 Languages
Basic functions	Freeze, Magnifying, Blank, Auto adjustment, Search, Page UP & DOWN (for USB mouse function)
Picture adjustments	Equalizing Gamma Correction, 2-3 pull down, Progressive Scan, Noise Reduction, Digital Zoom x1.2, Equalising Colour Temperature Adjustment
Digital Keystone	Manual Vertical keystone 5 degrees @XGA 60Hz
Advanced Features	MyScreen, My Memory, My Button, Normal/Cinema/Dynamic/Blackboard/Greenboard/Whiteboard modes, Daytime mode, Resolution setting, Input source naming (English)
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, Transition detector

- **Network Capability** – LAN through RJ-45.

- **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.



- **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.

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

- **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.

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



### 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
Power Consumption/Standby	340W/<10W

### PHYSICAL

Dimensions (W x H x D)	397 x 131 x 356mm (when mirror is closed)
Weight	5.9Kg
Noise Level	35dB (Normal Mode)/29dB (Whisper Mode)
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

### OPTIONAL ACCESSORIES

Stand