CP-X255
XGA, 2000 ANSI Lumens

CP-X250
XGA, 2000 ANSI Lumens

CP-S240
SVGA, 2000 ANSI Lumens

HITACHI
Inspire the Next

NEW FROM HITACHI COMES A RANGE OF LCD PROJECTORS OFFERING BRIGHT, DETAILED PICTURES FROM A COMPACT, LIGHTWEIGHT UNIT.

Just because you want portability, it doesn't mean you have to sacrifice performance.

A range of three LCD projectors, each weighing under 3Kg, gives you the freedom to take your presentations with you, while offering the promise of outstanding performance, with a choice of XGA or SVGA resolution.

Perfect performers. Perfectly portable.

- 2000 ANSI Lumens
- XGA Resolution (CP-X255 & CP-X250)
- SVGA Resolution (CP-X240)
- Full Connectivity
- Digital Gamma Correction
- Digital Keystone Correction
- PIN Code Security System
- Lightweight and Portable
- LAN Connection to PC (CP-X255)
- My Screen Memory Image Store
- Easy Access Filter and Lamp

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CP-X255
XGA, 2000 ANSI Lumens

CP-X250
XGA, 2000 ANSI Lumens

CP-S240
SVGA, 2000 ANSI Lumens

Presentation has always been important in business, but arguably, never more so than today. So when you arrive in the client's boardroom and set up your presentation, you want to be sure of making a good impression. That's where Hitachi's ultra-portable range of projectors come in. They are small, so easy to accommodate, quick and easy to set up and, perhaps most importantly, deliver excellent pictures, both graphics and full motion video.

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Advanced User Features

Low Acoustic Noise
With an extremely low acoustic noise rating of just 38dB in Normal mode, and just 33dB in Whisper mode, all your audience will hear is what you have to say, not the operating noise of the projector.

XGA Resolution
The CP-X255 and CP-X250 offer XGA-resolution pictures, delivering a highly-detailed, 1024 x 768-pixel image.

High Brightness
All three projectors are rated at 2000 ANSI Lumens brightness. This means they will deliver crisp sharp images, with real punch in ideal low-lighting conditions. It also means that they can function perfectly well, and be seen perfectly well, in normal lighting conditions.

Freeze Function
The Freeze function enables you to freeze a video image on the screen, useful if you want to stop the action and analyse something in more detail.

Digital Gamma Correction
The Digital Gamma Correction feature enables the projectors to reproduce fine differences in light and shade, giving images a more credible, three-dimensional quality.
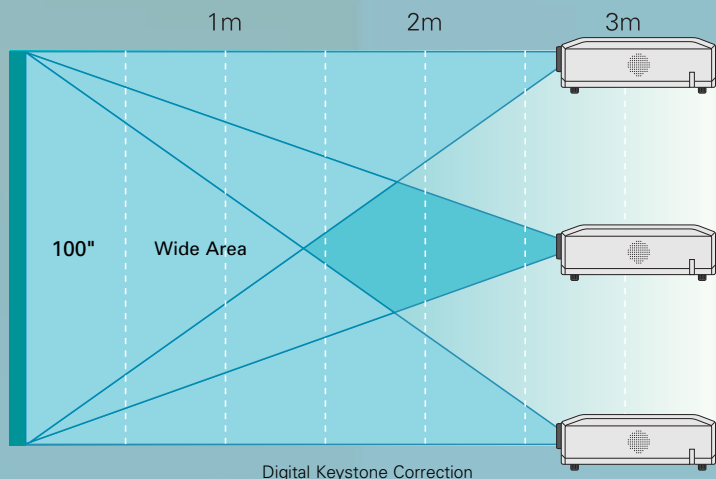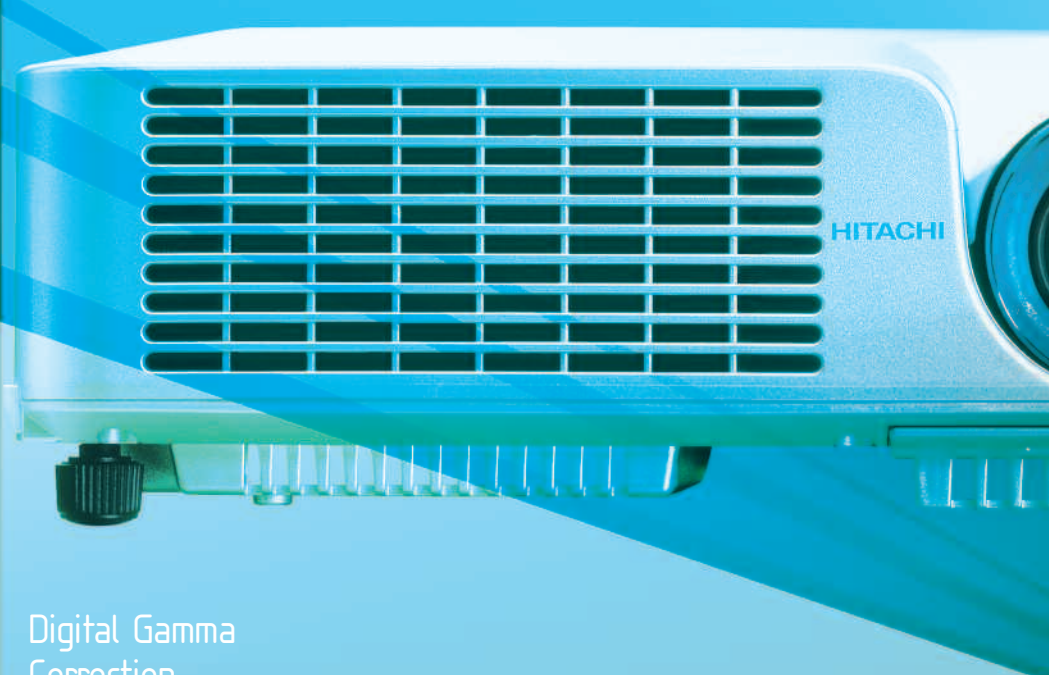
Digital Keystone Correction
Digital Keystone Correction ensures that you get a perfectly-focused image, even if you can't line the projector up directly in front of the screen. The function corrects the image for vertical misalignment. When you don't know what sort of environment you're going to be presenting in, it gives you added confidence that you're going to be able to put on a good show.

Projection Distances
The projectors can throw as small or as large a picture as you want, within reason, from a minimum of 0.8m (30") at 0.9m from the screen, to a maximum of 7.6m (300") at 9.3m from the screen.

My Memory
The projectors have picture memory settings, where you can optimise the projector set-up for graphics or full motion video, for example, or for different ambient lighting conditions, then recall the appropriate setting via the menu system.
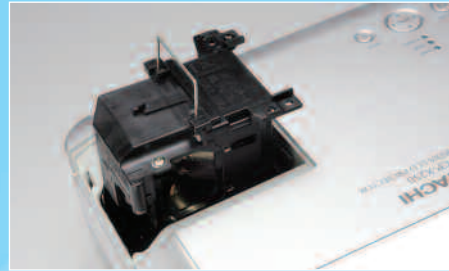
1m 2m 3m

100"   Wide Area

Digital Keystone Correction

Ease of Use Features

My Screen

The My Screen feature helps your presentations look more professional even before you connect to a PC. It enables you to store an image, a company or brand logo for example, in the computer's memory. As soon as the projector is switched on, the image is displayed.

Easy Lamp Access

The lamp in your Hitachi projector will run for around 2000 hours before it needs replacing. But when the time does come to replace it, accessing the lamp is easy, making the job of installing a new one quick and simple.

Easy Filter Access

Like the lamp, the air filter is easily accessed, so if you receive an onscreen alert to clean the air filter, it is a quick and easy process that can be carried out without specialist expertise.

Ceiling Mountable

For permanent installations, the projectors are ceiling mountable. Simply choose the best position in relation to the screen, run the necessary cables, and then mount the projector.

3 Way Security Features

PIN Code Security System

A simple PIN Code Security System protects the projectors for unauthorised use, acting as a deterrent against theft.

Start-Up Screen

Start-up screen can be customised (My Screen) with a security message and this start up screen can be locked by a user definable PIN code.
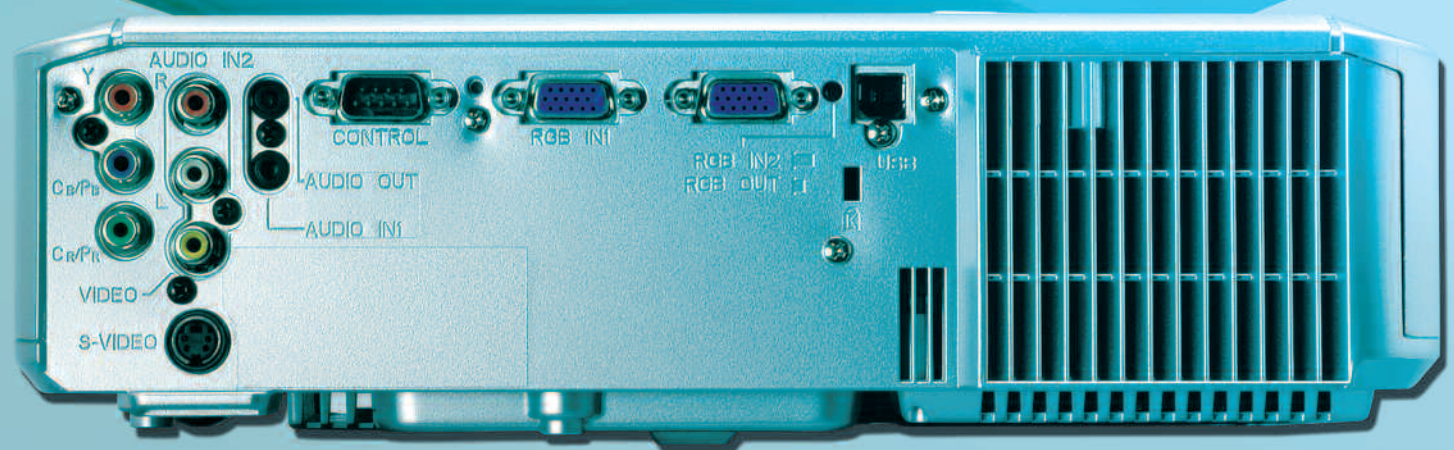
Anti-Theft Security Bar

Portable projectors are notoriously difficult to secure. But in addition to the PIN Code, these come with a rigid metal bar which can be attached to the projector and then locked down to prevent theft.

Connectivity

The projectors have multiple audio, video and data inputs, to accommodate all your sources, from a DVD player to a PC. Socketry includes component, S-Video and composite video, plus stereo audio, and 15-pin Mini D-sub data input and output sockets. There is also a 9-pin D-sub for RS232 control, and a USB socket for mouse control. The projectors have a built-in monitor speaker, but audio can be routed out to an amplifier, TV or other device.

Video Compatibility

For motion video, the projectors can handle PAL, NTSC, PAL-M, PAL-N, NTSC 4.43 and Secam sources. They are compatible with 525i (480i), 525p (480p) and 625i (576i) standard definition sources, as well as 750p (720p @60Hz) and 1125i (1080i @ 50/60Hz sources). There's very little they can't handle.

Computer Compatibility

The projectors offer VGA, SVGA, XGA and SXGA compatibility with all types of PC.

CP-X255, CP-X250 & CP-S240
Technical Specifications

OPTICAL	CP-X255	CP-X250	CP-S240
LCD Panel	0.6" P-Si TFT x 3 with micro Lens	0.6" P-Si TFT x 3 with micro Lens	0.6" P-Si TFT x 3 with micro Lens
Resolution	1024 dots x 768 lines	1024 dots x 768 lines	800 dots x 600 lines

OPTICAL (ALL MODELS)

Brightness (Normal)	2000 ANSI Lumens
(Whisper)	1600 ANSI Lumens
Contrast Ratio	400:1
Lens	F=1.7~1.9, (f=18.9~22.6mm), Manual Zoom x 1.2
Focus Distance	0.9~9.3m (WIDE), 1.1~11.2m (TELE)
Distance to width ratio (:1)	1.52 (WIDE), 1.86 (TELE)
Display Size	30"~300" (60" @ 1.8m, wide)
Lamp	UHB180W
Number of Colours	8bits/colour, 16.7M colours
Colour Saturation	x=0.310, y=0.380 (6500K)

COMPATIBILITY

Computer Compatibility	IBM Compatible VGA, SVGA, XGA, SXGA Capability
	MAC16" (pixelworks Chip)
Video Compatibility	NTSC/PAL (-BGDHI)/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	Horizontal: 15~91kHz, Vertical: (50~120Hz (Video/PC)

FEATURES

Keystone Correction	9:1 upward shift, fixed
Other	MENU: 17 Language (Including English, French, German, Spanish, Italian, Norwegian, Dutch, Japanese, Portuguese, Simplified Chinese, Korean, Traditional Chinese, Swedish, Russian, Finnish, Polish, Turkish), Freeze Function, Magnify (x4), Digital Gamma Correction, My Memory, 2-3 pull down, Electrical Vertical Keystone Correction, Auto Configuration (H-Phase, H-Size, Position), PIN Lock System, My Screen, Easy Operation: Quick On, Anti-Theft Security Bar, Variable Colour (RGB individual), Easy Lamp Access (top), Easy Filter Access (slide system)
Speakers	1 x 1W

CONNECTORS

Video Input	1 x Composite Video RCA Jack
	1 x S-Video Mini DIN 4-pin
	3 x Component Video RCA Jack
Computer Input	2 x 15-pin Mini D-sub
Computer Output	1 x 15-pin Mini D-sub (shared with RGB2 input)
Audio Input	1 x Stereo Mini Jack,
	2 x Audio (L,R) RCA Jack
Audio Output	1 x Stereo Mini Jack
Control	1 x 9-pin D-sub for RS232 (serial) control
	1 x USB for mouse control

POWER

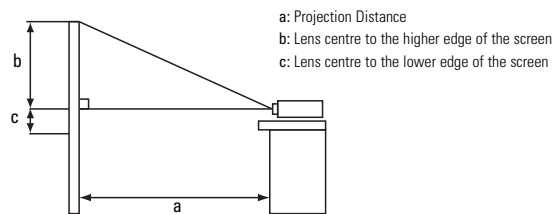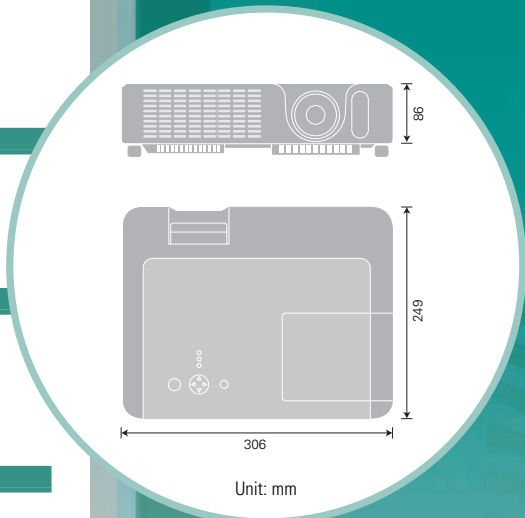|	
Power Supply	100-120V/220~240V, 50/60Hz, Auto switching
Power Consumption	290W

PHYSICAL

Dimensions (W x H x D)	306 x 86 x 249mm (excluding feet and extrusions)
Weight	2.8Kg (CP-X250, CP-S240), 2.9Kg (CP-X255)
Noise Level	38dB (Normal mode)
	33dB (Whisper mode)

CERTIFICATION

UL60950/C-UL, FCC Part 15, Class B, CE, EN60950

MISCELLANEOUS

Lamp Indicator Light, Power Light, Ceiling Mount Image, Rear Projection Image

ACCESSORIES SUPPLIED

RGB Cable, Remote Control (no laser pointer), Batteries, Safety Instruction, Power Cord, Quick Guide, 14 Languages User Manual (English, French, German, Spanish, Italian, Norwegian, Dutch, Portuguese, Simplified Chinese, Korean, Swedish, Russian, Finnish, Polish), Soft Case, Video Cable

OPTIONAL ACCESSORIES

Replacement Lamp	DT00731

86 / 249 / 306
Unit: mm

a: Projection Distance
b: Lens centre to the higher edge of the screen
c: Lens centre to the lower edge of the screen

Image Size 4:3			Projection Distance	
Screen Size (Diagonal)	a (min)	a (max)	b (top)	c (bottom)
30" (0.8m)	0.9m (36")	1.1m (43")	5cm (2")	41cm (16")
40" (1.0m)	1.2m (48")	1.5m (57")	6cm (2")	55cm (22")
50" (1.3m)	1.5m (60")	1.8m (72")	8cm (3")	69cm (27")
60" (1.5m)	1.8m (72")	2.2m (87")	9cm (4")	82cm (32")
70" (1.8m)	2.1m (84")	2.6m (101")	11cm (4")	96cm (38")
80" (2.0m)	2.4m (96")	2.9m (116")	12cm (5")	110cm (43")
90" (2.3m)	2.8m (109")	3.3m (130")	14cm (5")	123cm (49")
100" (2.5m)	3.1m (121")	3.7m (145")	15cm (6")	137cm (54")
120" (3.0m)	3.7m (145")	4.4m (174")	18cm (7")	165cm (65")
150" (3.8m)	4.6m (182")	5.5m (218")	23cm (9")	206cm (81")
200" (5.1m)	6.2m (242")	7.4m (291")	30cm (12")	274cm (108")
250" (6.4m)	7.7m (303")	9.3m (364")	38cm (15")	343cm (135")
300" (7.6m)	9.2m (364")	11.1m (437")	46cm (18")	411cm (162")