CP-DX301 DLP® Projector

Breakthrough classroom performance with incredible picture quality, high reliability, and lower cost of ownership.

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TEXAS INSTRUMENTS

Key Features

- XGA 1024 x 768 resolution
- 3,000 ANSI lumens white/color output
- 10000:1 contrast ratio
- 4,500 hours lamp life (Standard mode)
  6,000 hours lamp life (Eco mode)*
- 3D Ready

Hitachi's CP-DX301 DLP® projector represents the new standard for classroom environments and versatility with high resolution XGA performance, an innovative feature set and overall value. The CP-DX301 incorporates 3,000 ANSI lumens light output and a 10000 : 1 contrast ratio for vibrant, bold images with deeper black levels and razor-sharp text. Performance versatility is enhanced by HDMI terminals which accommodate many types of AV devices. Plus, Hitachi's Intelligent Eco and Saver Modes with ImageCare combines optimal picture performance with energy savings for a lower cost of ownership. For added peace of mind, Hitachi's CP-DX301 is also backed by a generous warranty and our world-class service and support programs.

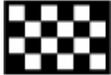*The wireless remote control enables you to easily control a full complement of projector functions.*

CP-DX301

CP-DX301 DLP® Projector

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SPECIFICATION HIGHLIGHTS

3,000 ANSI Lumens Light Output

WHITE LIGHT OUTPUT 3000

The light output specification measures the brightness of light output and with 3,000 ANSI lumens the result is bright, clear, true to life images with incredible detail.

10000:1 Contrast Ratio

Contrast can be automatically controlled through an active iris to add depth perspective during both bright and dark scenes.

HDMI Input (HDCP)

Digital connectivity allows for highest image quality from your HD device. Compliancy with HDCP.

6,000 Hour Lamp Life (Eco mode)*

Another key to low total cost of ownership is a long life lamp. The lamp is rated at 4,500 hours in standard mode and 6,000 hours in Eco mode.

Power Saving Standby Mode

Power saving mode reduces the standby power consumption to less than 0.5W.

UNIQUE FEATURES

ImageCare Technology

ImageCare

ImageCare is a lamp power control function that combines optimal picture performance with maximum energy savings by decreasing energy usage, improving contrast ratio and lengthening lamp life. The result is a lower total cost of ownership and decreased maintenance cost.

Intelligent Eco and Saver Modes

Automatically changes the brightness of the lamp according to the brightness level of the screen. Also, automatically changes the brightness of the lamp if there is no change in the screen image. Using ImageCare technology, these features give optimal picture performance with maximum energy savings.

STANDARD FEATURES

BrilliantColor™

BrilliantColor technology is setting a new standard in color performance. BrilliantColor offers color processing to enhance color performance for rich, vibrant and accurate colors.

DLP® Technology

DLP technology was invented, developed and is owned by Texas Instruments. The DLP chip is a digital semiconductor that contains millions of microscopic mirrors. These projectors use DLP technology to project images with amazing quality.

Easy Maintenance

Easy maintenance is another attractive function, as the lamp door is on top of the model.

3D Capable

3D CAPABLE

Discover the teaching advantages of 3D! This DLP projector offers the latest trend for the classroom with 3D viewing. It will engage your students and can improve the learning process. 3D glasses and a special graphic card are required for 3D viewing and are not included with the projector.

Wall Color Correction

This feature corrects the color of images projected on surfaces that are not white to prevent color differences between the source and projections. Five wall color modes include light yellow, light green, blue, black board and pink.

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CP-DX301 DLP® Projector

Enhance the educational experience with Hitachi's CP-DX301.

The CP-DX301 DLP® projector from Hitachi is specifically designed to enhance the educational experience — for students and teachers. Leading edge DLP® projector technology helps stimulate the imagination of students of all ages and makes lessons become more interesting, compelling and memorable. Vivid colors. Deeper blacks. Bold graphics. Crisp text.
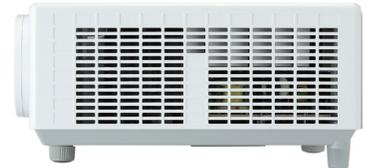
The CP-DX301 does it all in classrooms of all sizes. With 3,000 ANSI lumens light output, XGA 1024 x 768 resolution, the CP-DX301 provides the perfect solution. It also features exceptional reliability, a high contrast ratio, HDMI terminals so you can connect many types of AV devices, and wall color correction which corrects the colors of images projected on surfaces that are not white. With Hitachi's CP-DX301, learning has never been easier, more enjoyable or so engaging.
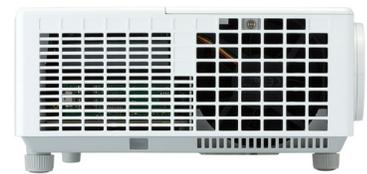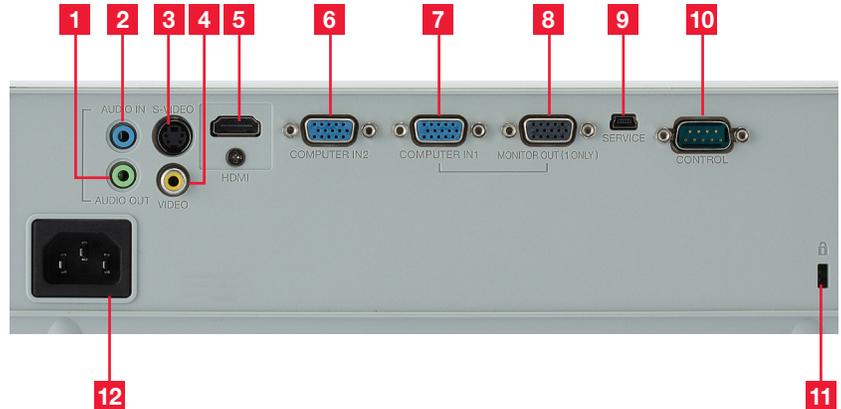

Front View

Rear View

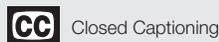

Left Side Profile

3/4 View

Right Side Profile

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Input/Outputs

1. Audio Out
2. Audio In
3. S-Video HDMI
4. Video
5. HDMI
6. Computer in 2
7. Computer in 1
8. Monitor Out (1 only)
9. Service
10. Control (RS-232C)
11. Lock
12. AC In

HDMI HDMI

CC Closed Captioning

Hitachi Trade-Up Program

3 YEAR WARRANTY — 3 Year Warranty

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Accessories

Supplied Accessories	Remote control, power cord, computer cable, lithium battery x 1, user's manual CD, user's manual
Optional Accessories	N/A

Replacement Parts

Lamp	DT01851
Remote Control	HL02961

Projection Throw Chart (In inches)

Screen Size 4:3		Throw Distance	
Diagonal	Width	Min	Max
60	48	94	103
70	56	110	120
80	64	125	138
90	72	141	155
100	80	156	172
120	96	188	207
150	120	235	258
200	160	313	344
250	200	391	430

Throw Ratio: (distance : width)
1.86 - 2.04 : 1

Specifications

Display	Projection Technology	Single chip DLP
	Resolution	XGA 1024 x 768
	Light Output	3,000 ANSI lumens
	Colors	1.07 billion colors
	Aspect Ratio	Native 4:3 / 16:9 compatible
	Contrast Ratio	10000 : 1
	Throw Ratio (distance : width)	1.96 - 2.15 : 1
	Focus Distance	94" - 310"
	Display Size	60" - 250"
Lens & Operation	Lens	f = 22 - 24.1 mm
	Lamp Wattage	196W
	Expected Lamp Life*	Approximately 4,500 hours (standard mode) 6,000 hours (Eco mode)
	Expected Filter Life	N/A
	Speaker Output	2W x 1
	Keystone	+/- 30° vertical only
Compatibility	Computer	VGA, SVGA, XGA, WXGA/WXGA+/SXGA/SXGA+/WSXGA+/ UXGA/WUXGA (compressed), MAC 16"
	H-Sync	31.5 kHz - 102 kHz
	V-Sync	59.9 Hz - 120 Hz
	Composite Video	NTSC, NTSC4.43, PAL, PAL-M, -N, SECAM
	Component Video	480i, 480p, 576i, 576p, 720p, 1080i, 1080p
	HDMI	480i, 480p, 576i, 576p, 720p, 1080i, 1080p
Connectors	Digital Input	HDMI x 1 (HDCP compliant)
	Computer Input 1	15-pin mini D-sub x 1
	Computer Input 2	15-pin mini D-sub x 1
	Computer Monitor Output	15-pin mini D-sub x 1
	Video Input	
	S-Video	Mini DIN 4-pin x 1
	Composite Video	RCA jack x 1
	Component Video	15-pin mini D-sub x 2 (shared with computer in 1/2)
	Audio Input	3.5 mm stereo mini jack x 1
	Audio Output	3.5 mm stereo mini jack x 1
	Network LAN Wired	N/A
	Network LAN Wireless	N/A
	USB	Type B x 1 (firmware update)
	Control Terminals	9-pin D-sub x 1 (RS-232 control)
Ratings & Warranty	Power Supply	AC90-132V / AC198-264V, 50/60Hz
	Power Consumption	250W
	Operating Temperature	32°F - 95°F (0°C - 35°C)
	Dimensions (W x D x H)	12.4" x 8.2" x 3.5" (excluding protruding parts)
	Weight	Approximately 5.1 lbs.
	Approvals	UL 60950-1 / cUL FCC Part 15 subpart B class B
	Warranty	3 year limited parts and labor. Extended Service Contract available (additional cost)

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* Actual lamp life will vary by individual lamp based on environmental conditions, selected operating mode, user settings and usage. Hours of average lamp life specified are not guaranteed and do not constitute part of the product or lamp warranty. Lamp brightness decreases over time.

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