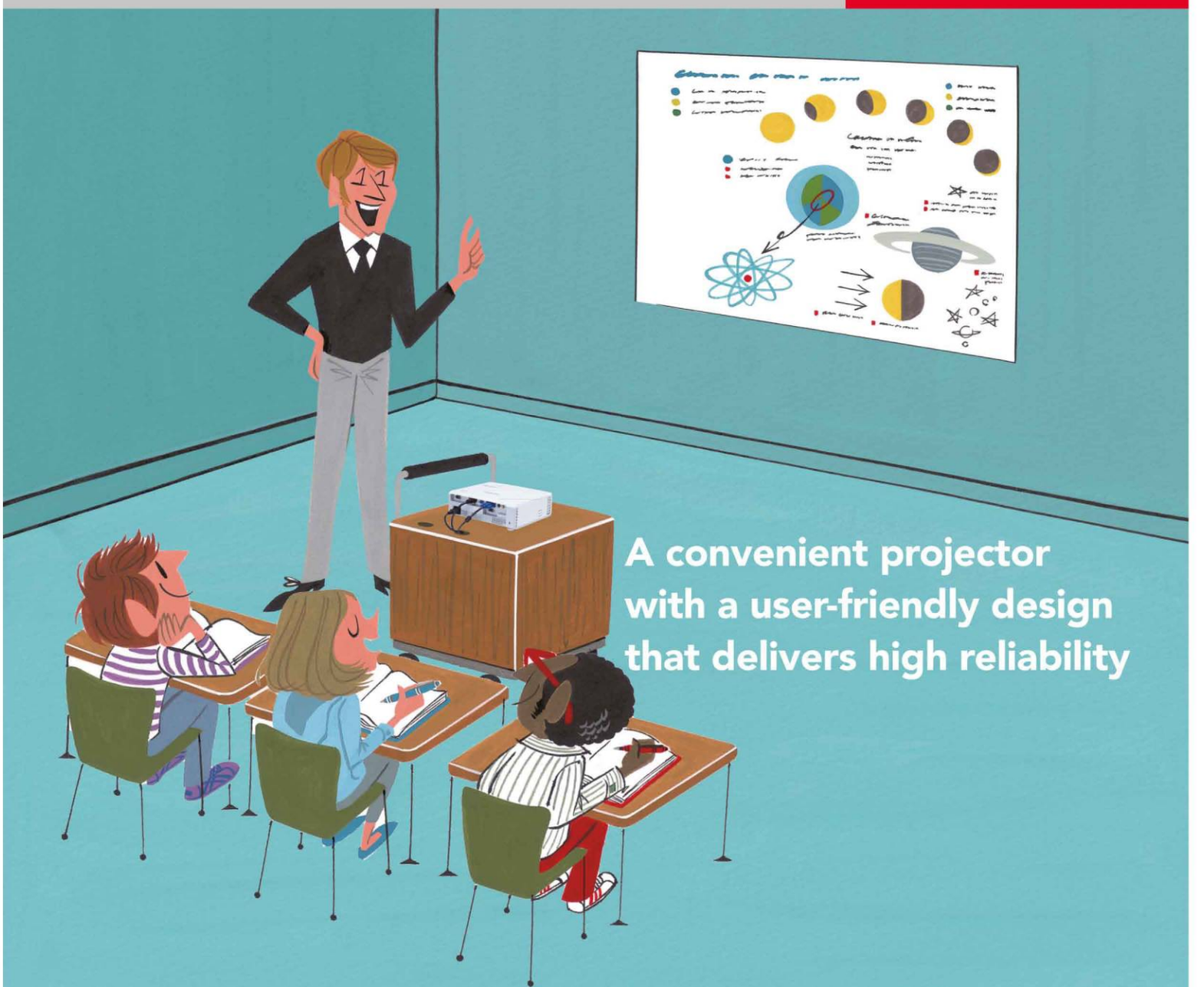
DLP® Projectors

Dhonaadhi™
Hitec Innovations



A convenient projector with a user-friendly design that delivers high reliability

Distinct Text

The high contrast ratio of the projectors using DLP® technology helps make black text look sharp and clear. Great for use in classrooms.

Connect Various Devices

Equipped with HDMI® terminals, these projectors can accommodate many types of AV devices. You can take advantage of the high resolution and high brightness that these projectors offer.

Intelligent Eco

Intelligent Eco mode is a feature developed by Hitachi, based on ImageCare® technology, that automatically changes the brightness of the lamp according to the level of the input signal. Lamp brightness is reduced when a darker image is projected and returns to normal when a brighter image is projected, eliminating unnecessary energy consumption from the lamp.

CP-DX250
CP-DX300

*Projected images are simulations

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.

BrilliantColor™

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

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.

Light Yellow Light Green Blue Black Board Pink

Specifications

Model name		CP-DX250	CP-DX300
Light output		2500lm	3000lm
Contrast ratio		2500:1	
Optical	Resolution	1024 x 768 XGA	
	Display system	1-CHIP DMD	
	Lamp	190 W lamp	
Electrical	Power supply	AC 100-120V: 2.9 A, AC 220-240V: 1.4 A	
	Power consumption	AC 100-120V: 250W, AC 220-240V: 235W	
Mechanical	Weight	Approx. 2.2 kg	
Input terminal			
	Computer input	COMPUTER IN1 port COMPUTER IN2 port	D-Sub 15-pin (female) x 2
	Video signal input	S-VIDEO port VIDEO port	Mini DIN 4-pin x 1 RCA x 1
	SD/HDTV signal input	Analog -	D-Sub <-> Component RCA x 3 (through COMPUTER IN 1/ COMPUTER IN 2 input ports)
		Digital -	HDMI x 1
	Audio signal input	AUDIO IN port	Stereo mini x 1
Output terminal			
	MONITOR OUT port	D-Sub 15-pin (female) x 1	
	AUDIO OUT port	Stereo mini x 1	
	Speaker	2watt x 1	
Control terminal			
	CONTROL port	RS-232 serial control 9 pin x 1	
	IR receiver	x 1 (Front)	
Service terminal			
	SERVICE port	USB mini B x 1	
Environmental Requirements			
	Operating temperature	0°C–40°C at sea level	
	Operating relative humidity	10%–90% (without condensation)	
	Operating altitude	• 0–1499 m at 5°C–35°C (with High Altitude Mode 2 [Normal]) • 1500–3000 m at 5°C–25°C (with High Altitude Mode 1 [High])	
Optional Lamp		DT01461	

Environment

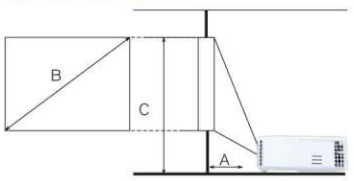
- **Compliance with EU Directive RoHS**[*1]
- **Economic mode** Economic mode provides power saving.

*1
RoHS is the acronym of "Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment".

Dimensions

Projection Distance

On a horizontal surface

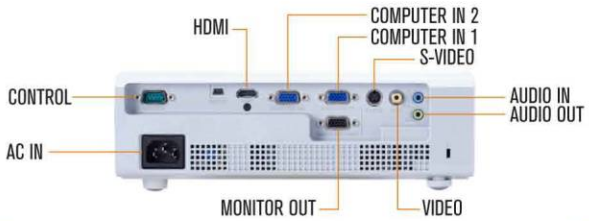


CP-DX250 CP-DX300

*Recommended throw distance: 1.5 ~ 6m.

Desired Distance (m): A	Minimum Screen Size (Min zoom)			Maximum Screen Size (Max zoom)		
	Diagonal (inch): B	W(cm)xH(cm)	From base to top of image (cm): C	Diagonal (inch): B	W(cm)xH(cm)	From base to top of image (cm): C
1	24	49 x 37	40	26	54 x 40	44
1.5	36	74 x 55	60	40	81 x 60	67
2	48	98 x 74	80	53	108 x 81	89
2.5	60	123 x 92	101	66	134 x 101	111
3	72	147 x 110	121	79	161 x 121	132
3.5	84	172 x 129	141	93	188 x 141	156
4	96	196 x 147	161	106	215 x 161	178
4.5	108	221 x 165	181	119	242 x 181	199
5	120	245 x 184	201	132	269 x 202	221
6	144	294 x 221	241	159	323 x 242	267
7	168	343 x 257	282	185	376 x 282	310
8	192	392 x 294	322	212	430 x 323	355
9	216	441 x 331	362	238	484 x 363	399
10	241	490 x 368	404	265	538 x 403	444
11	265	539 x 404	444	291	591 x 444	488
12	289	588 x 441	484	318	645 x 484	533

Terminals



—Design and specifications are subject to change without notice.

- The projected images and comparison photos in this catalog are simulations.
- Do not use in places where there is a lot of water, dampness, steam, dust, soot or tobacco smoke. This may result in fire or malfunction.
- Optical components (lamp, color wheel, etc.) and cooling fans have limited service lives. They must be repaired or replaced if they are used for a long period of time.
- These projectors use a mercury lamp with high internal pressure. Because of its properties, this lamp may burst with a loud noise or burn out if struck or after it has been used for a period of time. The time until it bursts or burns out varies greatly according to differences between lamps and usage conditions. Turning the lamp's power on and off frequently shortens its service life.
- Do not turn projector on again for ten minutes after shutdown. Neglect can shorten the lifetime or the lamp. During use and immediately after use, do not touch anywhere near the lamp and the vents as these parts are extremely hot.
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