

# DELL 1410X

# DELL 1210S

## MULTIMEDIA PROJECTORS



Great for classrooms, conference rooms, seminars and sales proposals.



FEATURES	BENEFITS
<b>HIGH BRIGHTNESS</b>	<ul style="list-style-type: none"><li>1210S delivers 2500 ANSI Lumens (Max.)</li><li>1410X commands 2700 ANSI Lumens (Max.)</li></ul>
<b>2200:1 CONTRAST RATIO (TYPICAL)</b>	<ul style="list-style-type: none"><li>Dynamic projections by delivering excellent representation &amp; by capturing details</li></ul>
<b>NATIVE RESOLUTION CHOICES</b>	<ul style="list-style-type: none"><li>1210S SVGA provides excellent visual clarity &amp; sharpness through 480,000 pixels</li><li>1410X XGA delivers up to 63% more pixels than SVGA<sup>1</sup></li></ul>
<b>DLP® AND BRILLIANTCOLOR™ TECHNOLOGY</b>	<ul style="list-style-type: none"><li>Filter-free design</li><li>Clear, bright and precise colors</li></ul>
<b>IMPROVED ENERGY EFFICIENCY<sup>2</sup></b>	<ul style="list-style-type: none"><li>Consumes &lt;1W energy in standby mode</li></ul>
<b>FRONT / REAR PROJECTION</b>	<ul style="list-style-type: none"><li>Projection mode flexibility</li></ul>
<b>QUICK SHUTDOWN FEATURE</b> (prior settings required)	<ul style="list-style-type: none"><li>Provides ultra convenience &amp; time-savings by minimizing projector setup &amp; teardown in-between meetings</li></ul>
<b>DUAL VGA CONNECTORS</b>	<ul style="list-style-type: none"><li>Allows various presenters in a single session to transition smoothly between one another without inherent interruptions or time-lag</li></ul>
<b>REMOTE CONTROL</b>	<ul style="list-style-type: none"><li>Includes “Freeze” &amp; “Blank” buttons which allow freezing &amp; hiding of projected image</li></ul>



## Why Dell Projectors?

### UNCOMPROMISING VALUE

Dell projectors are designed to exacting standards and manufactured by some of the world's foremost suppliers, consistently delivering outstanding performance, quality and reliability.

### TRUSTED BRAND

Our product portfolio offers trusted value and reliability to complement your IT infrastructure. Firmly established as an IT partner of choice for leading companies across the world, Dell invites you to extend your relationship with a partner you know and trust.

### WORLD CLASS SERVICE AND SUPPORT

Enjoy the exceptional service and support that you have come to expect from the Dell brand. We provide a single point of contact and the peace of mind of purchasing from a stable and reliable technology partner.

### Compute More • Consume Less

Dell is committed to becoming one of the Greenest Technology Companies on the Planet through being environmentally responsible across the entire product development process.



In line with our philosophy of **precautionary use of materials and recycling**, all currently shipping Dell projectors are RoHS-compliant,<sup>4</sup> which restricts the use of certain environmentally sensitive materials.

For more information, please visit [www.dell.com/recycling](http://www.dell.com/recycling) and [www.dell.com/environment](http://www.dell.com/environment).

### WARRANTY

2-Year Limited Hardware Warranty<sup>5</sup>

### SERVICE AND SUPPORT

24x7 toll-free tech support • 2-Year Advanced Exchange Service<sup>6</sup> • Optional 3- to 5-year extended service offerings • Optional CompleteCare™ Accidental Damage Service<sup>7</sup> (US only)

<sup>1</sup>Resolution comparison based on SVGA pixel count of 480,000 (800 horizontal x 600 vertical) and XGA pixel count of 786,432 (1024 horizontal x 768 vertical).

<sup>2</sup>Comparison based on the power consumption of Dell 1209S and 1409X versus Dell 1210S and Dell 1410X in standby mode.

<sup>3</sup>Lamp life rating is typical time for lamp lumens to diminish by 50% based on lab testing. Actual operating life will vary and be less under conditions including high use, temperature, dust, or abrupt power-off environments.

<sup>4</sup>Options from Dell Custom Factory Integration (CFI), Software and Peripherals (S&P) and Customer Kits may not be RoHS-compliant.

<sup>5</sup>For a copy of limited hardware warranty, write Dell USA L.P., Attn: Warranties, One Dell Way, Round Rock, TX 78682 or visit [www.dell.com/warranty](http://www.dell.com/warranty).

<sup>6</sup>Replacement system or part dispatched, if necessary, following phone-based troubleshooting, in advance of receipt of returned defective part or system. Bulbs have a 90-day limited warranty. Availability varies.

<sup>7</sup>CompleteCare™ Accidental Damage Service excludes theft, loss, and damage due to fire, flood, or other acts of nature, or intentional damage. Customer may be required to return unit to Dell. For complete details, visit [www.dell.com/servicecontracts](http://www.dell.com/servicecontracts).

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DISPLAY	DELL 1410X	DELL 1210S
LIGHT VALVE	Single-chip 0.55" XGA S450 DMD, DarkChip3™ technology	Single-chip 0.55" SVGA S450 DMD, DarkChip3™ technology
BRIGHTNESS	2700 ANSI Lumens (Max.)	2500 ANSI Lumens (Max.)
THROW RATIO	1.95 (wide) ~ 2.15 (tele)	
PROJECTION LENS	F/2.41 ~ 2.55, f = 21.8mm ~ 24mm with 1.1x manual zoom lens	
PROJECTION SCREEN SIZE	22.9" ~ 303" (diagonal)	
PORJECTION DISTANCE	3.28ft ~ 39.37ft (1m ~ 12m)	
LAMP (USER-REPLACEABLE)	Osram 200W lamp of up to 4,000 hours <sup>3</sup> in Eco-Mode	Philips 185W lamp of up to 4,000 hours <sup>3</sup> in Eco-Mode
RESOLUTION		
NO. OF PIXELS	1024 x 768 (XGA)	800 x 600 (SVGA)
CONTRAST RATIO	2200 : 1 typical (Full On/Full Off)	
DISPLAYABLE COLORS	1.07B colors	
VIDEO COMPATIBILITY	Composite Video/S-Video: NTSC (M, 3.58, 4.43), PAL (B, D, G, H, I, M, N, 4.43), SECAM (B, D, G, K, K1, L, 4.25/4.4) Component Video via VGA: 1080i/p, 720p, 576i/p, 480i/p	
POWER		
POWER SUPPLY	Universal 90-264V AC 50-60Hz	
POWER CONSUMPTION	Normal Mode: 252W 10% @ 110Vac Eco-Mode: 226W 10% @ 110Vac Power-Saving Mode: <16W (fan speed at minimum) Standby Mode: <1W	234W 10% @ 110Vac 209W 10% @ 110Vac <14W (fan speed at minimum) <1W
SOUND		
AUDIO	2 watt speaker	
NOISE LEVEL	35 dB(A) Normal Mode 29 dB(A) Eco-Mode	37 dB(A) Normal Mode 35 dB(A) Eco-Mode
SIZE AND WEIGHT		
DIMENSIONS (WxDxH)	EXTERNAL: 11.26" x 3.54" x 7.56" (286 mm x 90mm x 192 mm)	
WEIGHT	5.3lbs (2.4kg)	
COMPLIANCE		
UNIFORMITY	90% Typical (Japan Standard - JBMA)	
ENVIRONMENTAL	Operating temperature: 5 C - 35 C (41 F- 95 F), Humidity: 80% max Storage temperature: 0 C to 60 C (32 F to 140 F), Humidity: 90% max Shipping temperature: -20 C to 60 C (-4 F to 140 F), Humidity: 90% max	
INPUTS		
I/O CONNECTORS	POWER: 1x AC power socket (3-pin - C14 inlet) VGA INPUT: 2x 15-pin D-Sub connectors (Blue), VGA-A and VGA-B, for analog RGB/Component input signals VGA OUTPUT: 1x 15-pin D-Sub connector (Black) for VGA-A loop-through S-VIDEO INPUT: 1x 4-pin mini-DIN S-Video connector for Y/C signal COMPOSITE VIDEO INPUT: 1x Yellow RCA jack for CVBS signal ANALOG AUDIO INPUT: 1x 3.5mm stereo mini phone jack (Green) FIXED AUDIO OUTPUT: 1x 3.5mm stereo mini phone jack (Blue) USB PORT: 1x USB slave for remote support	
PACKAGE CONTENTS		
CONTENTS	Remote Control, 2 x AAA Batteries, Power Cord, VGA Cable, User's Guide in CD (HTML format), Quick Start Guide, Product Information Guide.	

