

# DELL PROJECTORS

## MAINSTREAM SERIES

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4210X / 4310WX / 4610X Wireless PLUS



# ULTIMATE DIGITAL PROJECTION TOOLS

## Dell 4610X Wireless PLUS

Our newest XGA multimedia projector offers integrated wireless<sup>3</sup> functionality that comes with advanced features such as conference control, 4-to-1 split screen, and multi-PC session.

Contrast Ratio 500:1



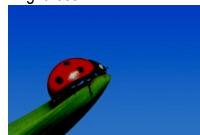
Contrast Ratio 1900:1



## Dell 4310WX

Delivers a widescreen viewing experience through its native wide resolution and 16:10 aspect ratio. The 4310WX includes DisplayPort connectivity for scalability.

1000 ANSI Lumens  
Brightness



3500 ANSI Lumens  
(Max.) Brightness



## Dell 4210X

A star performer in the popular XGA multimedia projector category delivers up to 63% more pixels than SVGA (800x600)<sup>1</sup>.

WXGA (1280 x 800)



# CAPTURE ATTENTION COMMAND A PRESENCE

Introducing Dell™ 4610X Wireless PLUS, Dell 4310WX and Dell 4210X projectors - multimedia performers that come with advanced features to enhance your presentation.

While Dell 4610X Wireless PLUS and Dell 4210X each boasts excellent XGA resolution, Dell 4310WX commands a high native WXGA resolution for widescreen viewing pleasure. Fully loaded with excellent contrast ratio, all three mainstream projectors also come packed with lustrous, high brightness of 3,500 ANSI Lumens (Max.) and are further equipped with the DLP® and BrilliantColor™ technologies.



Additionally, this trio of projectors offers HDMI and dual VGA connectors, network management capability, dual 5W speakers, and Closed Captioning<sup>2</sup> for users with hearing disabilities. Excellent choices for multimedia projection in a high ambient light environment, these intelligent projection tools are designed to deliver superb images with vivid, vibrant colors and dazzling picture quality. And aptly bundled with a full-featured remote control, you will be able to pilot these projectors and drive your presentations from virtually any corner of a room.

What's more, Dell 4610X Wireless PLUS comes ready with integrated wireless<sup>3</sup> functionality. After a quick and easy wireless setup, you can enjoy and deliver an intuitive wireless<sup>3</sup> presentation experience complete with advanced features.

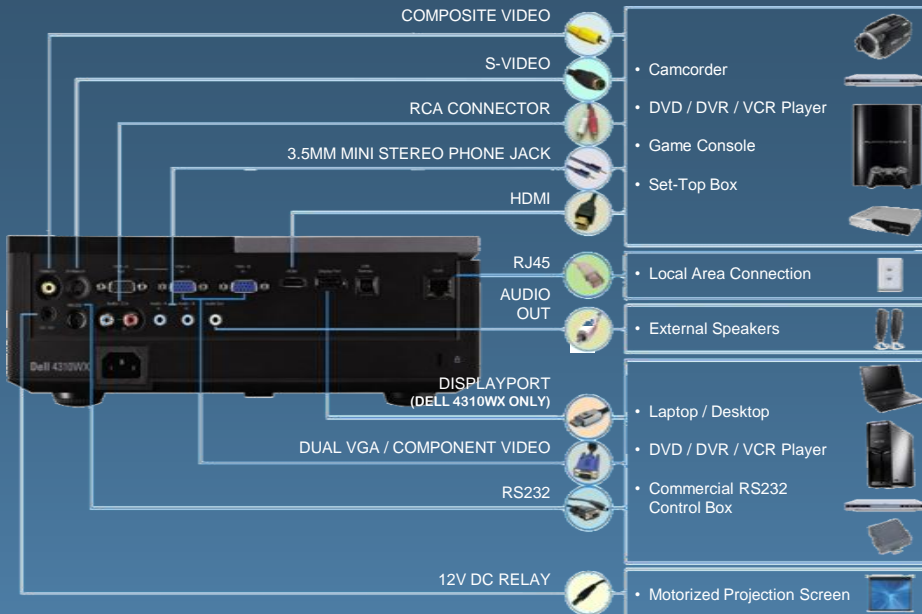
Experience for yourself these sleek machines and witness their exceptional performance firsthand. With such finesse packed inside each of these small boxes, the projection muscles of Dell 4610X Wireless PLUS, Dell 4310WX, and Dell 4210X will blow you away for the money. With these projectors, letting your ideas play on the grand stage is affordable and easy!

Get the superb value you deserve.

See More, Do More with Dell.



# FLAIR AND FINESSE STYLE AND SIMPLICITY



- High, lustrous brightness of **3500 ANSI Lumens (Max.)**
- Native WXGA resolution of 1280x800 and 16:10 aspect ratio for Dell 4310WX
- Native XGA resolutions (1024x768) of Dell 4610X Wireless PLUS and Dell 4210X deliver up to 63% more pixels than SVGA (800x600)<sup>1</sup>
- **Integrated wireless<sup>3</sup> functionality** via Dell 4610X Wireless PLUS
- Extensive connectivity options including **dual VGA**, **HDMI**, S-Video, and Composite Video allow connection to various electronic devices
- **DisplayPort** connectivity option via Dell 4310WX only
- **Closed Captioning<sup>2</sup>** feature caters to users with hearing disability by enabling display of audio portions of a program as text on the screen
- **Dual 5W speakers** renders superb audio clarity
- Customizable start-up display allows projection of personalized screen image such as company brand logo
- Ceiling-mount capabilities with front and rear projection (ceiling-mount kit available separately)

## Easy Step-by-Step Wireless<sup>3</sup> Setup of Dell 4610X Wireless PLUS



1. Install the wireless antenna and enable wireless<sup>3</sup> connection on projector.
2. Connect computer to projector network.
3. Open internet browser for auto-direction to the Dell 4610X Wireless PLUS Web Management webpage.
4. Select applicable operating system and click Download.
5. Click Run for software installation. Follow on-screen instructions to complete set-up.

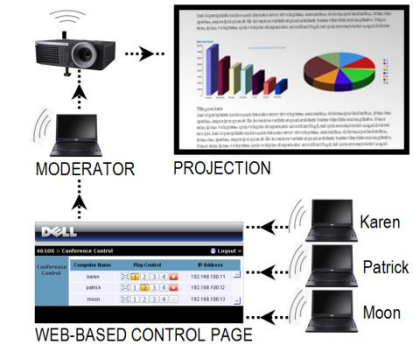
## Performing Plug-&Show via Application Token

1. Go to the application software and select **Make Application Token**.
2. Plug a flash drive into any USB port on your PC and select the drive from the list.
3. Start the presentation show.

## Advanced Wireless<sup>3</sup> Features via Dell 4610X Wireless PLUS

### Conference Control

- helps increase efficiency and streamline meetings by empowering the conference moderator with wireless<sup>3</sup> control of all projection from connected PCs via a web-based control page.



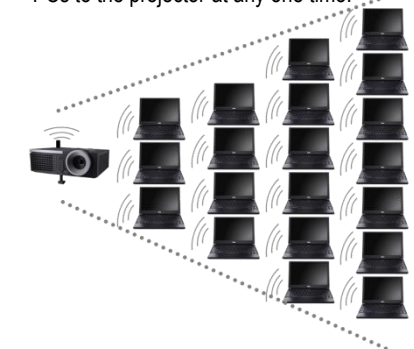
### 4-to-1 Split Screen

- helps improve productivity by allowing side-by-side comparison of data through the wireless<sup>3</sup> connection of up to 4 PCs to the projector for simultaneous projection onto a single screen at the same time.



### Multi-PC Session

- helps promote efficacy by enabling concurrent wireless<sup>3</sup> connection of up to 20 PCs to the projector at any one time.



### Wireless<sup>3</sup> Data Transmission

- helps eliminate restricting cords by allowing users to transmit data / information via wireless<sup>3</sup> network to the projector.







## 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>5</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>6</sup>

### SERVICE AND SUPPORT

24x7 toll-free tech support, 2-Year Advanced Exchange Service<sup>7</sup>, optional 3- to 5-year extended service offerings and optional CompleteCare™ Accidental Damage Service (US Only)<sup>8</sup>

<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>Closed Captioning feature can be enabled only via Composite / S-Video inputs.

<sup>3</sup>PC must have a wireless card or be connected to a wireless network and have the projector software installed for proper function.

<sup>4</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>5</sup>Options from Dell Custom Factory Integration (CFI), Software and Peripherals (S&P) and Customer Kits may not be RoHS-compliant.

<sup>6</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>7</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>8</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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## DETAILED SPECIFICATIONS

### Dell™ 4610X Wireless PLUS / Dell™ 4310WX / Dell™ 4210X Mainstream Projectors

DISPLAY	4610X WIRELESS PLUS	4310WX	4210X
Light Valve	Single-chip 0.55" XGA DMD Type X, DarkChip2™ technology	Single-chip 0.65" WXGA DMD Type A, DarkChip2™ technology	Single-chip 0.55" XGA DMD Type X, DarkChip2™ technology
Brightness	3500 ANSI Lumens (Max.)		
Projection Lens	F/2.4–2.66, f=18.2–21.8 mm with 1.2x manual zoom lens	F/2.55–2.83, f=18.2–21.8 mm with 1.2x manual zoom lens	F/2.4–2.66, f=18.2–21.8 mm with 1.2x manual zoom lens
Projection Screen Size	30–307 inches (diagonal)	36–358 inches (diagonal)	30–307 inches (diagonal)
Projection Distance	3.94–32.81 ft (1.2 m–10 m)		
Lamp	Philips 280W user-replaceable lamp of up to 2500 hours <sup>4</sup> in Eco-Mode		
<b>RESOLUTION</b>			
No. of Pixels	1024 x 768 (XGA)	1280 x 800 (WXGA)	1024 x 768 (XGA)
Contrast Ratio	2000:1 typical (Full On/Full Off)		
Displayable Colors	16.7M colors		
Video Compatibility	Composite Video/S-Video: NTSC (J/M/4.43MHz), PAL (B/D/G/H/I/M/N/Nc/60), SECAM (B/D/G/K/L) Component Video via VGA and HDMI: 1080i/p, 720p, 576i/p, 480i/p		
<b>POWER</b>			
Power Supply	Universal 90-264V AC 50-60Hz		
Power Consumption (network on)	NORMAL MODE: (wireless on) 375W 10% @ 110Vac  ECO-MODE: (wireless on) 330W 10% @ 110Vac	Normal Mode: 370W 10% @ 110Vac  Eco-Mode: 330W 10% @ 110Vac	Normal Mode: 360W 10% @ 110Vac  Eco-Mode: 320W 10% @ 110Vac
<b>SOUND</b>			
Audio	2 x 5 watt speaker		
Noise Level	35 dB(A) Normal Mode, 32 dB(A) Eco-Mode		
<b>SIZE AND WEIGHT</b>			
Dimensions	External: 11.26" (W) x 4.33" (D) x 9.76" (H) [286mm (W) x 110mm (D) x 247.8mm (H)]		
Weight	6.55 0.05 lbs (2.97 0.02 kg)	6.35 lbs (2.88 kg)	
<b>COMPLIANCE</b>			
Uniformity	85% Typical (Japan - JBMA)	80% Typical (Japan - JBMA)	85% Typical (Japan - JBMA)
Environmental	Operating temperature: 5 C to 35 C (41 F to 95 F), Humidity: 80% maximum Storage temperature: 0 C to 60 C (32 F to 140 F), Humidity: 90% maximum Shipping temperature: -20 C to 60 C (-4 F to 140 F), Humidity: 90% maximum		
<b>INPUTS</b>			
I/O Connectors	POWER: 1x AC power socket (3-pin - C14 inlet) VGA INPUT: 2x 15-pin D-sub connectors (Blue), VGA-A & 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 standard 4-pin mini-DIN S-Video connector for Y/C signal COMPOSITE VIDEO INPUT: 1x Yellow RCA jack for CVBS signal HDMI INPUT: 1x HDMI connector for supporting HDMI 1.3 HDCP compliant ANALOG AUDIO INPUT: 2x 3.5mm stereo mini phone jack (Blue) & 1 pair of RCA connectors (Red/White) VARIABLE AUDIO OUTPUT: 1x 3.5mm stereo mini phone jack (Green) USB PORT: 1x USB slave for remote support RS232 PORT: 1x mini-DIN 6-pin for RS232 communication RJ45 PORT: 1x RJ45 connector for control of projector through network 12V OUTPUT: 1x 12V DC / 200mA max. relay output for driving automatic screen		
	–	1x DisplayPort (1.0) connector	–
Wireless <sup>3</sup>	WIRELESS STANDARD: IEEE802.11 b/g OS ENVIRONMENT: Windows Vista / XP / 2000, MAC OS X SUPPORT: Presentation slides and projector control MULTI-USER CONNECTIVITY: Up to 20 users at any one time 4-TO-1 SPLIT SCREEN: Simultaneous projection from up to 4 different sources at any one time CONFERENCE CONTROL MODE	–	–
<b>PACKAGE CONTENTS</b>			
Contents	Carrying Case, Remote Control, 2 x AAA Batteries, Power Cord, VGA Cable, User's Guide in CD (HTML format), Quick Start Guide, Product Information Guide.		
	–	DisplayPort Cable	–
	Antenna	–	–

