# **Dell 1610HD**

# Multimedia Projector







## High brightness of 3500 ANSI Lumens (Max.)

Optimal brightness for lights-on presentations

## Native WXGA (1280x800) resolution

- Native 16:10 aspect ratio
- Superb high-definition pictures by having 30% more pixels than XGA (1024x768)<sup>1</sup>
- 720p HD resolution is ideal for movie-watching (cable sold separately)
- Perfect for users of widescreen laptops / desktops

## Crestron Roomview compatible

 Enjoy an optional multi-user resource management program which offers real-time facility-wide monitoring, management and reporting of AV resources/devices

## Extensive connectivity options

- Dual VGA
  - Two presenters in a single session can transition smoothly between one another to help prevent inherent interruptions or time-lag
- HDMI / composite video / S-Video
  - Visual / audio flexibility and performance for work or digital entertainment
- RJ45 port
  - Set up email alerts and help manage the 1610HD over your network
- Integrated microphone port
  - lends support to a conducive class-centric delivery

# Closed captioning<sup>2</sup>

Visual transcription of a program's audio portion on the screen

## 3D capability



- Enjoy total immersion and make your presentations pop when you leverage 3D content
- Active 3D goggles with DLP Link, 3D player software application, HDMI/VGA cable, 3D content, PC/laptop with a 120Hz signal output quad buffered graphics card are required and sold separately

#### Standard warranty and service

2-Year Advanced Exchange Service<sup>4</sup> and Limited Hardware Warranty<sup>5</sup> for projector unit with 90-day projector lamp coverage • Includes 24/7 online technical support and telephone technical support<sup>6</sup>

#### Extended service and warranty options (not available for projector lamp)

Optional Advanced Exchange Service<sup>4</sup> and Limited Hardware Warranty<sup>5</sup> for years 3 to 5 • Optional Accidental Damage Service<sup>7</sup> during the term of the warranty [US only] • Optional CompleteCare™ Accidental Damage Service<sup>7</sup> during the term of the warranty [All other DAO countries only]

#### [EMEA]

Optional NBD Advanced Exchange Service<sup>4</sup> and Limited Hardware Warranty<sup>5</sup> for years 3 to 5 • Optional CompleteCare Accidental Damage Cover<sup>8</sup> for up to 3 years (offers a replacement at no additional charge in the event of an accident that is not covered by the system warranty)

#### [APJ]

Optional Advanced Exchange Service<sup>4</sup> and Limited Hardware Warranty $^5$  for years 3 to 5

<sup>1</sup>Resolution comparison based on XGA pixel count of 786.432 (1024 horizontal x 768 vertical) and WXGA pixel count of 1,024,000 (1280x800)

<sup>2</sup>Closed captioning feature can be enabled only via composite / S-Video inputs.

 $^3$ 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>Replacement system or part dispatched, if necessary, following phone-based troubleshooting, in advance of receipt of returned defective part or system. Bulbs have 90-day limited warranty. Availability varies.

<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.

<sup>6</sup>Operating hours for telephone support may vary from country to country. Kindly contact your local Dell representative for exact availability in your country.

<sup>7</sup>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.

<sup>8</sup>CompleteCare<sup>™</sup> Accidental Damage Cover is not available as an upgrade for existing systems and operates during normal business hours. Repairs / exchange will be provided on Dell's service-level as bought. Repairs may be provided by a third-party. CompleteCare™ Accidental Damage Cover is underwritten by LGI (London General Insurance). For more details, please contact your Dell Account Manager

DLP® and the DLP® logo are registered trademarks and BrilliantColor™ and DarkChip3™ are trademarks of Texas Instruments. Dell disclaims proprietary interest in the marks and names of others.

## Dell™ 1610HD Multimedia Projector

Display	
Light valve	Single-chip 0.65" WXGA S450 DMD, DarkChip3™ technology
Brightness	3500 ANSI Lumens (Max.)
Throw ratio	1.28 (wide) ~ 1.536 (tele)
Projection lens	F-Stop: F/2.4 ~ 2.66; Focal length, f=18.2 ~ 21.8 mm; 1.2x manual zoom lens
Projection screen size	36.3" ~ 362" (0.92m ~ 9.19m) (diagonal)
Projection distance	3.94 ft ~ 32.81 ft (1.2m ~ 10.0m)
Lamp	Philips 225W user-replaceable lamp of up to 3,000 hours <sup>3</sup> in typical mode and up to 4,000 hours <sup>3</sup> in Eco-Mode
Resolution	
Number of pixels	1280 x 800 (WXGA)
Contrast ratio	2100:1 typical (Full On/Full Off)
Displayable colors	1.07 billion colors
Video compatibility	Composite video/S-Video: NTSC (J, M, 4.43), PAL (B, D, G, H, I, M, N, Nc, 60), SECAM (B, D, C, K, K1, L)
	Component video via VGA & HDMI: 1080i/p, 720p, 576i/p, 480i/p
Power	
Power supply	Universal AC 100-240V 50-60Hz with PFC input
Power consumption Normal mode Eco-Mode Power-saving mode Standby mode	219W $\pm$ 10% @ 110Vac / 212W $\pm$ 10% @ 220Vac (network on) <15W (network on, fan speed at minimum)
Sound	
Audio / noise level	8W speaker / 35 dB(A) in normal mode, 32 dB(A) in Eco-Mode
Size and weight	
Projector (WxHxD)	11.68" x 3.46" x 7.96" ± 0.04" (296.5mm x 87.9mm x 202mm ± 1mm)
Weight	5.2 lbs (2.36 kg)
Compliance	•
Uniformity	85% typical (Japan - JBMA)
Environmental Operating temperature Storage temperature Shipping temperature	5°C to 35°C (41°F to 95°F), humidity: 80% max. 0°C to 60°C (32°F to 140°F), humidity: 90% max. -20°C to 60°C (-4°F to 140°F), humidity: 90% max.
Inputs	
I/O connectors	
VGA input VGA output S-Video input Composite video input HDMI input Analog audio input Variable audio output USB port RS232 port RJ45 port	1x standard 4-pin mini-DIN S-Video connector for Y/C signal 1x yellow RCA jack for CVBS signal 1x HDMI connector for supporting HDMI 1.3 (HDCP compliant) 1x 3.5mm stereo mini phone jack (blue), 1x pair of RCA connector (red/white)
Package contents	La manual de la companya de la compa
Contents	Dell 1610HD projector, carrying case, power cord, VGA cable, remote control, 2 x AAA batter user's quide in CD (HTML format), quick start quide, product information quide