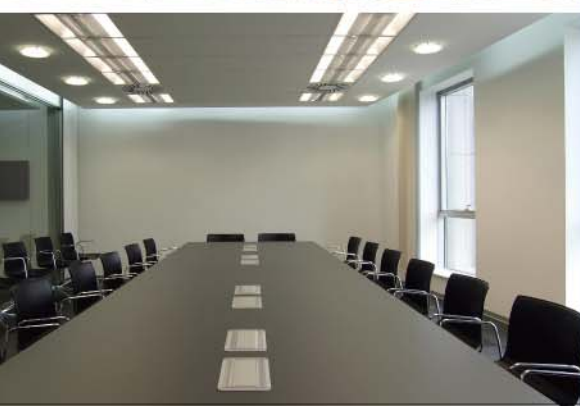


Simply Awesome Simply Cool



There is no dazzling function, but a pure solid power you can feel. Clad in shining black armor & equipped with the sword of 3500 lumens, **EX612** is carefully designed to assist you conquer the tough with ease.



- **Texas Instruments DarkChip3 DLP® Technology**
Incorporated with Texas Instruments' latest & most advanced DarkChip3 DMD
- **3500 ANSI Lumens & 3000:1 Native High Contrast**
Advanced optical design makes EX612 dazzling in providing high brightness & crystal-clear native high contrast
- **New Generation Brilliant Color™ Technology**
Incorporated with Texas Instruments' latest DDP2430 scaler to realize true 10-bit signal processing and 1.07 billion color displaying
- **6 Default Display Modes + 2 User Adjustable Modes**
Presentation / Bright / sRGB / Movie / Blackboard / Classroom + 2 User Modes to cater for all possible operation environments
- **Wireless Capability (Option)**
An easy attached wireless dangle available (no additional power adapter required) for IEEE802.11 b/g wireless connection
- **Unmatched Product Quality / Reliability**
 - ▣ 5-year color guarantee
 - ▣ 5-year imager guarantee
 - ▣ Long-life lamp (3000/4000 hrs)
 - ▣ Hassle free / filter free / minimum maintenance required
 - ▣ Lowest cost of ownership

Specification

EX612

Display Technology	TI DLP® 0.55" XGA DC3 DMD Chip
Resolution	Native: XGA (1024x768) Max: UXGA (1600x1200) 60Hz
Brightness	3500 ANSI Lumens
Contrast Ratio	3000:1
Displayable Colors	1.07 billion colors
Projection Lens	F# 2.41 ~ 2.55, f = 21.8 ~ 24mm; 1.1x Manual Zoom / focus lens
Projection Image Size	22.9 ~ 302.85 inches
Projection Distance	1.0 ~ 12 meters
Throw Ratio	1.95 ~ 2.15 : 1 (projection distance/screen width)
Keystone Correction	±30° (vertical)
Aspect Ratio	4:3 Native, 16:9 Compatible
Scan Rate	Horizontal: 15.3~ 91.1KHz; Vertical: 43 ~ 87 Hz
PC Compatibility	UXGA, SXGA+, SXGA, XGA, SVGA, VGA Compression, VESA standards PC & Macintosh compatible
Video Compatibility	HDTV (720p, 1080i/p), SDTV (480i/p, 576i/p), Full NTSC, PAL PAL-M, PAL-N, SECAM
Input Connections	VGA (YPbPr/ RGB/ SCART) x2, S-Video x1, Composite x1, Mini-jack Audio x1, IR receiver (Front & Top) x 2
Output Connections	VGA x1, Mini-jack Audio x1
Control Functions	RS232 x1, Mini USB Port (Remote mouse/ service) x 2
Uniformity	85 %
Lamp Type	230-watt replaceable lamp
Estimated Lamp Life	4000 hours (STD mode) / 3000 hours (Bright mode)
Power Supply	AC input 100 ~ 240V; 50/60 Hz
Weight	2.86 kg / 6.3 lbs
Speaker	2W speaker x1

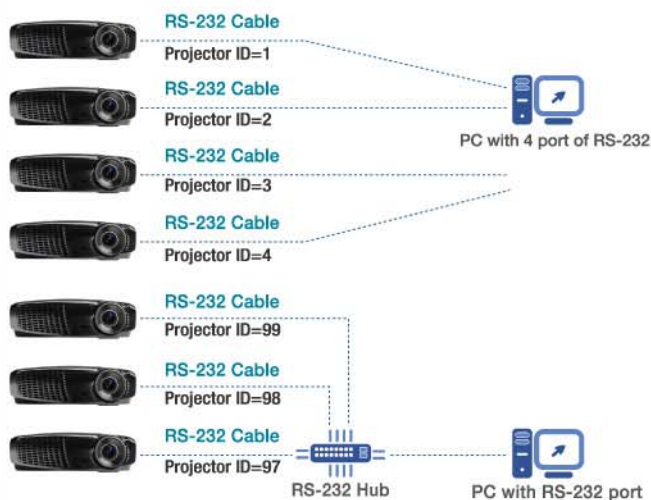
EX612 Projection Distance (meter) / Image Size (4:3 diagonal inch)

Projection Distance	Minimum Image	Maximum Image
1.5	34.3	37.9
2.0	45.8	50.5
3.0	68.7	75.7
4.0	91.6	101.0
5.0	114.5	126.2
12.5	286.1	315.5

For guide purposes only

Network Management

Control plural EX612 by wire via RS-232 hub or directly with projector ID in EX612



5-Year Color Guarantee & 5-Year Imager Guarantee

We are so confident that the EX612 colors will not fade that we guarantee the colors will remain vibrant and vivid, even after many years of use.



The large screen experience demands sharp, flawless images with instant impact and lasting crystal clear pictures. To retain image clarity, Optoma projectors are designed with DLP® technology, preventing degradation over time and consistent pixel performance. The Imager Guarantee ensures a precise picture performance for a minimum of five years.



True Vivid™ Technology

Optoma proprietary TrueVivid™ color enhancement technology affords better balanced chrominance and luminance for life-like colors, giving the viewer the ultimate visual experience than others.



New Generation of BrilliantColor™



BrilliantColor™ is a Texas Instruments technology, which uses innovations in image processing to improve the optical efficiency of DLP® projection systems. BrilliantColor™ allows the usage of a more advanced image processing algorithm and enables the usage of more colors on the color wheel, than the standard Red, Green, Blue and White segments.

New BrilliantColor™ technology enables higher brightness levels by boosting mid-tone colors, resulting in more vibrant, precisely accurate colours projected on the screen.

10 bit Color Processing

The new 10 bit color processing technology increases the number of colors that can be displayed from 134.2 million to over 1073 million, presenting more natural & vibrant pictures.



Available from: