



Campus Projector Standards & Recommendations April, 2005

Large Venue – 60 to 200+ seats for permanent installation

(lecture halls/auditoriums)
(larger venues will require special evaluation)

Identified Requirements:

- High output image brightness adequate for large classrooms. > 3500 lumens
- XGA (1024x768) native resolution capable of smooth interpolation from higher and lower resolutions Must accept input from VGA through UXGA
- 4:3 native aspect ratio; with 16:9 option
- Line doubling and digital scaling for video (NTSC) signals
- Computer control capability
- Optional lenses for special applications
- Long life projector lamp, 1500 hrs +
- Replace lamp while mounted
- Full color capability
- Automatic and manual keystone corrections
- Minimum two years labor/material warranty
- Onsite repair, advance ship, quick turnaround, and/or access to spare/loaner during outages
- Ceiling mount feature
- Wired or wireless network capable with software interface
- Minimum 500:1 or greater contrast ratio
- Video: NTSC, HDTV
- Inputs: RGBHV1+, M1-DA, , BNC, Composite Video, S-Video, Audio
- Power zoom / focus
- RS-232 serial communication for control
- Wireless remote

Selected Projector: **NEC MT1075**

- 4200 lumens full power / 2000 hr
- 3400 lumens eco mode / 3000 hr
- 13 lbs.
- Spec lens as needed for venue
- 3 year warranty

Spec Sheet at:

<http://www.necvisualsystems.com/corpus/3/V/NEC030523.pdf>

Awarded to Digital Roads:

Price:

Install:

Other parts, installation plates, security quoted as needed



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**Smaller to Medium Venue – 25-80 seat
for permanent installation**
(classrooms / computer and other labs)
(some venues may require multiple projectors)

Identified Requirements:

- High output image brightness adequate for large classrooms. ≥ 2500 lumens
- XGA (1024x768) native resolution capable of smooth interpolation from higher and lower resolutions Must accept input from VGA through UXGA
- Line doubling and digital scaling for video (NTSC) signals
- Computer control capability
- Long life projector lamp, 2000 hrs +
- Full color capability
- Automatic and manual keystone corrections
- Minimum two years labor/material warranty
- Onsite repair, advance ship, quick turnaround, and/or access to spare/loaner during outages
- Ceiling mount feature
- Wired or wireless network capable with software interface
- Minimum 400:1 contrast ratio or greater
- Video: NTSC, HDTV
- Inputs: RGBHV1+, Video, S-Video, Audio
- Power zoom / focus
- RS-232 serial communication for control
- Wireless remote
- Program compatibility with large venue projector

Selected Projector: **NEC MT1065**

- 3400 lumens full power /2000 hr
- 2700 lumens “eco mode” / 3000 hr
- 1900 lumens “super eco mode”/4000”
- 13 lbs.
- 3 year warranty

Spec Sheet at:

<http://www.necvisualsystems.com/corpus/P/N/NEC030522.pdf>

Awarded to Digital Roads:

Price:

Install:

Other parts, installation plates, security quoted as needed



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Portable Projector to Small Venue 10-40 seat permanent installation or mobile for classrooms/meeting rooms

Identified Requirements:

- High output image brightness adequate for large classrooms. ≥ 2000 lumens
- XGA (1024x768) native resolution capable of smooth interpolation from higher and lower resolutions Must accept input from VGA through UXGA
- Line doubling and digital scaling for video (NTSC) signals
- Computer control capability
- Long life projector lamp, 2000 hrs +
- Full color capability
- Automatic and manual keystone corrections
- Minimum two years labor/material warranty
- Onsite repair, advance ship, quick turnaround, and/or access to spare/loaner during outages
- Ceiling mount feature
- Wired or wireless network capable with software interface (optional)
- Minimum 350:1 contrast ratio or greater
- Video: NTSC
- Inputs: RGBHV1+, Video, S-Video, Audio
- Power zoom / focus
- RS-232 serial communication for control
- Wireless remote
- USB port(s) for flash memory
- < 10lbs.

Selected Projector: **NEC LT245**

- 2200 lumens full power / 2000 hr
- 1760 lumens eco mode /up to 4000 hr
- 7.1 lbs.
- 3 year warranty

Spec Sheet at:

<http://www.necvisualsystems.com/corpus/D/F/NEC090450.pdf>

Awarded to Digital Roads:

Price:
Install:

Other parts, installation plates, security quoted as needed



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<p>Portable Projector for Travel (small to medium venue) (Priority on travel convenience and sharing)</p> <p>Identified Requirements:</p> <ul style="list-style-type: none"> • High output image brightness adequate for large classrooms. \geq 1200 lumens • XGA (1024x768) native resolution capable of smooth interpolation from higher and lower resolutions Must accept input from VGA through SXGA • Computer control capability desirable • Long life projector lamp, 2000 hrs + • Full color capability • Automatic and manual keystone corrections • Minimum two years labor/material warranty • Onsite repair, advance ship, quick turnaround, and/or access to spare/loaner during outages • Ceiling mount feature • Wired or wireless network capable with software interface (optional) • High contrast ratio, 400:1 or greater • Video: NTSC • Inputs: RGB & DV-I desirable, Video, S-Video, Audio • Manual zoom / focus • RS-232 serial communication for control • Wireless remote • USB port(s) for flash memory desirable • < 5 lbs. 	<p>Selected Projector: NEC LT20</p> <ul style="list-style-type: none"> • 1500 lumens standard / 2000 hr • 1300 lumens eco mode / 3000 hr • 2.2 lbs.(ultralight) • 3 year warranty <p>Spec Sheet at: http://www.necvisualsystems.com/campus/D/H/NEC020548.pdf</p> <p>Awarded to Digital Roads:</p> <p>Price: Install: Generally N/A otherwise</p> <p>Other parts, installation plates, security quoted as needed</p> <p>Alternate Recommendations::</p> <ul style="list-style-type: none"> • Epson PowerLite745c <ul style="list-style-type: none"> ○ 2500 lumens ○ 3.9 lbs ○ wired and wireless • Epson PowerLite740c <ul style="list-style-type: none"> ○ 2500 lumens ○ 3.8 lbs
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