

## Comparison Charts

### How do I know what equipment I need?

When laying out the design of your conference, meeting or training room you come across the task of deciding what is the best equipment for your space that will be the most useful to your staff. Here is some information to help you compare the differences between some common items used in room design.

#### Projection Screen vs. Interactive Whiteboard:

Pull-down or drop down Screens-

- great for large venue rooms
- some can be recessed in a wall

Interactive Whiteboards

- great for writing presentation notes and instantly saving them

#### Projectors

There are two types of projectors most people choose. These two projectors are the DLP (Digital Light Processor) and the LCD (Liquid Crystal Display) projectors and both have many strengths. The DLP Projector is known for gets longevity, overall packaging size, high-contrast image and its ability to show great video with reduced pixilation. The LCD strengths are its clarity and brightness, color saturation, sharp image, light and energy efficiency. Below we have a comparison chart that shows the features the LCD projectors have that are carried by NEC and EIKI.

### Projector Buying Guide

<b>Tools and Capabilities:</b>	<b>NEC</b>	<b>EIKI</b>
1 LCD panel projector image	x	
It is a constant, reliable projector	x	x
Moderate to Hi-End projectors	x	x
Portable models	x	x
Installed models	x	x
Models for classroom and large venue	x	

Includes 3 LCD panels

Classroom to movie theater size venues

x

x

### How to Measure Throw:

What size image do you need? How bright does the projector need to be to retain its quality and still present a clear image. Where is the projector being positioned? Once you have decided on a projector you can then begin to determine where it will need to be installed. The throw will provide you with the information you need to determine where that projector will be placed.

Throw is the measurement used to determine how faraway a projector should be placed to present the best quality image. It is measured in Height and Length of the room. Different projector models require different distances based on what they are projecting on. Most manufacturers will give you a throw chart for a projector. Eiki offers a calculator that can be found on their website. (Choose the projector you are interested in then choose "Lens calculator" from the top menu options.)

Short throws are used to describe small spaces and close-up range. Sometimes it is used to describe a high end projector with a specific lens for a desired throw.

Large throw is used when a throw is beyond the standard throw such as for a smaller screen with a long distance.