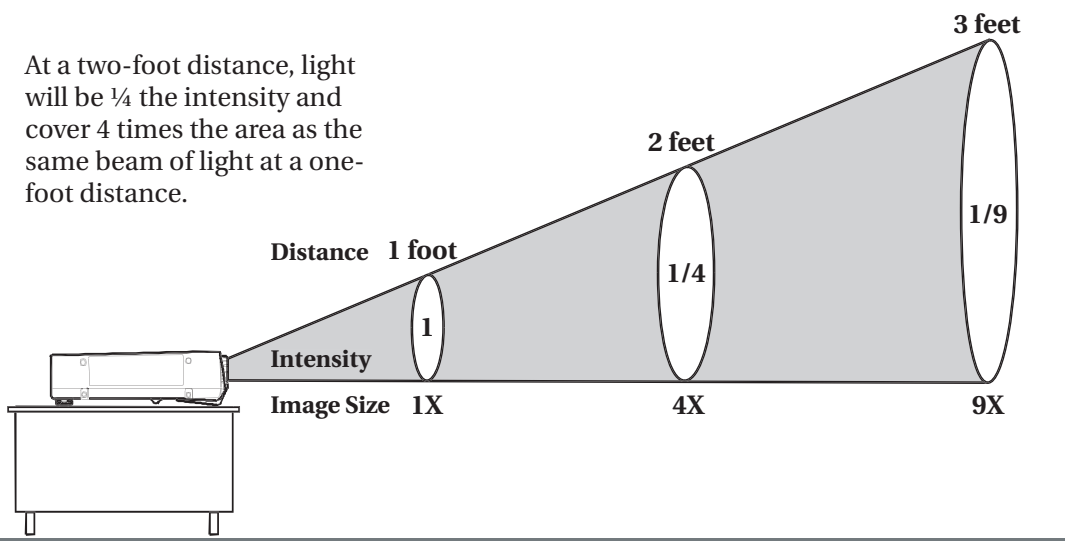


What is projector “throw distance” and how can I find out the throw distance of an Epson projector?

To set up a projector properly requires an understanding of where to position the projector relative to the screen. Putting the projector too far away makes the image too large and faint. Placing the projector too close to the screen makes the image too small. A projector’s throw distance is a calculation that gives you the optimum distance for placing your projector.

Did You Know?

The basic rule is that light intensity decreases in inverse proportion to the square of the distance.



So how do you determine your optimal throw distance? Whether you are presenting in a classroom, conference room, training room, or auditorium, you will need to know one of these two things in order to correctly position the projector:

Screen Size — Once you know your room size and layout, you will need to know the size of the screen. If the room you are presenting in has a built-in screen, measure the dimensions of the screen, including the diagonal (corner to corner). This will determine where to position your projector to adequately fill the screen. If the room layout does not accommodate the throw distance you need, one alternative is to use a projector with a replaceable lens that will provide either a longer or shorter throw distance than the standard lens allows.

Throw distance — If you know the throw distance you require (based on the room layout) and what the projector can handle, you can easily calculate the optimal screen size using the chart below. Basically, the longer your throw distance, the larger your screen size will be.

EPSON PowerLite 51c/71c

Screen size:

Wide	36"	71"	105"	140"	175"	210"	279"	313"	348"
Tele	29"	58"	87"	116"	144"	173"	231"	260"	305"
Distance	4.2'	8.3'	12.5'	16.7'	20.8'	25'	33.33'	37.5'	41.7'

What do the connections on the back of Epson projectors mean to customers?

Epson projectors can accommodate many different types of connections, but this versatility can be confusing to first-time projector customers. The following diagram and explanations apply to the Epson PowerLite 51c/71c projectors.

Did You Know?

- ▶ Computer/Component Video port—the only connection that you need for many presentations to connect a computer, notebook, or hand-held device to the projector. Uses a standard 15-pin D-type VGA connector.
- ▶ Mouse/com port—connects the round PS-2 mouse cable to use the remote control as a wireless mouse
- ▶ USB mouse port—connects the flat USB mouse cable to use the remote control as a wireless mouse
- ▶ In Audio port—connects your notebook or computer audio to the projector and allows your presentation audio to sound through the projector. Uses a 3.5mm mini-phone jack.
- ▶ Out Audio port—connects to external speakers or a public address system. Uses a 3.5mm mini-phone jack.
- ▶ R and L Audio ports—connect to a DVD player, VCR, camcorder, or any other compatible video source. Uses a standard RCA jack.
- ▶ Video ports—connect to a DVD player, VCR, camcorder, digital camera, or any other compatible video source. Uses a standard RCA jack.
- ▶ S-video ports—connect to an S-video jack on a video source to project a higher quality video image (also requires the use of the red and white plugs on the RCA A/V cable)

