

## Screen Size and Placement Guidelines

Screen size is usually determined by the number of attendees, room size, ceiling height, and room setup, as well as the aspect ratio of the media being projected. These factors will determine the size of the screen and where it is placed in the room to ensure that all attendees can adequately see the information presented.

To determine distance from the screen to the audience:

- The minimum distance from the screen to the first row of seats should equal **2x the vertical height** of the screen.
- The last row of seats should be located no farther than **8x the vertical height** of the chosen screen.

*\*You may adapt to a 10x formula, if your presentation visuals are less complex.*

To determine projector placement:

- As a general rule of thumb, multiply the **width of the screen x 1.5**.
- The bottom edge of the screen should be at least 4 feet off the floor.

### Projection Screen Size Guidelines (Theater Seating)

Audience Size†	Screen Size	Projector Location	Screen Style	Screen to Back Row Distance	Projection Distance 1.5x lens‡
Up to...	Height x Width	Front/Rear	Tripod/ Fast-Fold®	Feet	Feet
30	5' x 7'	Front	Tripod	40'	11'
50	8' x 8'	Front	Tripod	48'	12'
75	6' x 8'	Front or Rear	Fast-Fold®	48'	12'
100	7.5' x 10'	Front or Rear	Fast-Fold®	60'	15'
150+	9' x 12'	Front or Rear	Fast-Fold®	72'	18'
200+	10.5' x 14'	Front or Rear	Fast-Fold®	84'	21'
300+	12' x 16'	Front or Rear	Fast-Fold®	96'	24'
500+	15' x 20'	Front or Rear	Fast-Fold®	120'	30'

† Dual and delay screens can easily allow for an increased audience size.

‡ Projection distances may vary depending on the projector or type of lens.