



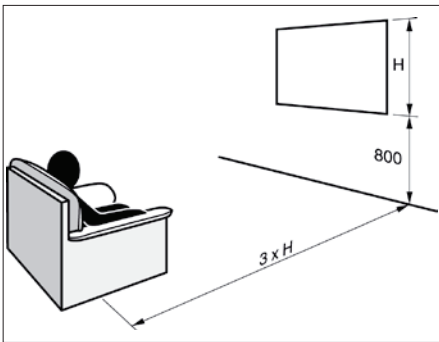
GENERAL INFORMATION

What size screen do I need?

The following diagrams explain the industry standard method for calculating the desired projection screen size, based on sitting position and average chair height, expecting a home theatre viewer to be seated in a lounge chair and a corporate viewer to be seated in an office or boardroom chair, which is traditionally higher in the seat.

This diagram is to be used as a guide only as many personal factors of preference will come into play when deciding this issue, but this is a good guide to start working from as a base - don't forget that the image throw characteristics of your projector will also be an important factor in screen size determination. Make sure that after you have decided on a screen size and a projector location that no physical obstacles will prevent your projector placement, thus requiring a re-size of the screen.

Home Theatre Single • Seat Position



These standards apply to most formats.

The bottom measurement on diagram indicates the ideal floor to bottom of screen height, again as a guide only.

Example:

Viewer wishes to sit 4m from the screen.

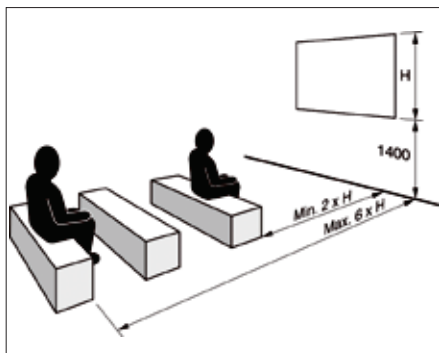
$4\text{m}/3 = 1.3\text{m}$, Screen Height = 1.3m

Then consider the following:

Available sizes, Site conditions, Customer requirements, Projector characteristics.

NB: Please consider 4 x height formula for 2.35:1 Cinemascope

Corporate AV • Multi-position seating



These standards apply to most formats.

The bottom measurement on diagram indicates the ideal floor to bottom of screen height, again as a guide only.

Example:

Closest viewer is 3m from screen furthest viewer is 8m away.

$3\text{m}/2 = 1.5\text{m}$ Max Height

$8\text{m}/6 = 1.3\text{m}$ Min Height

Then consider the following:

Available sizes, Site conditions, Customer requirements, Projector characteristics.

Screen Borders and Leader Drop

Black masking borders are standard on all Screen Technics Front Projection Screens at no additional cost to user. Borders enhance the perceived brightness and contrast levels for the image on the screen and are therefore an absolute necessity for obtaining the best results from your projector.

Borders also allow the projected image to "bleed off" the screen and present a sharp edge to the viewer.

Standard borders on all roll down style screens (except the Admiral and Chancellor) are 50mm on each side (40mm sides and no top or bottom leader on AV square format) and 65mm to the bottom including slat rod and 50mm set at the top, with further adjustable leader capacity within the head box canister, which varies from product to product, so please contact the sales department for details.