

dnp installation guidelines

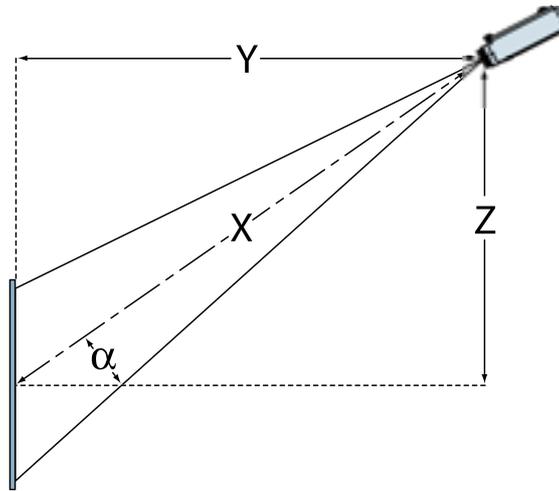
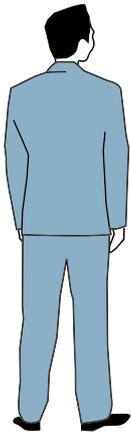
dnp Holo Screen

- 01.** Ensure the Holo Screen is oriented correctly in relation to the viewers. The surface with the holographic film should always face the projector. The surface with the acrylic plate should always face the audience.
- 02.** Ensure the Holo Screen is oriented correctly in relation to the projector. If the projector is ceiling mounted, the dnp logo should be at the top left corner of the screen facing the viewers. If the projector is floor mounted, the dnp logo should be at the bottom right corner of the screen facing the viewers.
- 03.** The screen should be installed with the screen centre at eye height – typically 1.6 to 1.7 metres above floor level – as most of the light is directed in a horizontal plane towards the viewers. (The screen can be mounted a bit higher or lower as there is sufficient vertical viewing angle to do this).
- 04.** Ensure the projection angle is correct to obtain the best possible colour uniformity. Please consult the drawings and specifications on the rear side of this page.
- 05.** Ensure the projection distance is correct in order to obtain optimum colour uniformity. Please check the drawings and specifications on the rear side of this page.
- 06.** Use a projector with a 2.0:1 lens for the best installation result. A zoom lens in the range of 1.8 to 2.3 will allow you to compensate for possible differences from the optimum projection angle and distance.
- 07.** Finally you need to adjust the picture by using the projector's "keystone correction". The projector must be able to support a minimum keystone correction of 35°.

dnp Attention Screen

- 01.** Ensure the Attention Screen is oriented correct in relation to the viewers. The dnp logo, which is located on the screen frame, should always face the audience. The side with the horizontal lens profiles should always face the viewer.
- 02.** Ensure the Attention Screen is oriented correctly in relation to the projector. If the projector is floor mounted, the dnp logo should be at the top left corner of the screen facing the viewers. If the projector is ceiling mounted, the dnp logo should be at the bottom right corner of the screen facing the viewers.
- 03.** The screen should be installed with the screen centre at eye height – typically 1.6 to 1.7 metres above floor level – as most of the light is directed in a horizontal plane towards the viewers. (The screen can be mounted a bit higher or lower as there is sufficient vertical viewing angle to do this).
- 04.** Ensure the projection angle is correct, this secures the best possible colour uniformity. Please consult the drawings and specifications on the rear side of this page.
- 05.** Ensure the projection distance is correct in order to obtain optimum colour uniformity. Please check the drawings and specifications on the rear side of this page.
- 06.** Use a projector with a 2.0:1 lens for the best installation result. A zoom lens in the range of 1.8 to 2.3 will allow you to compensate for possible differences from the optimum projection angle and distance.
- 07.** Finally you need to adjust the picture by using the projector's "keystone correction". The projector must be able to support a minimum keystone correction of 35°.

Ceiling mount



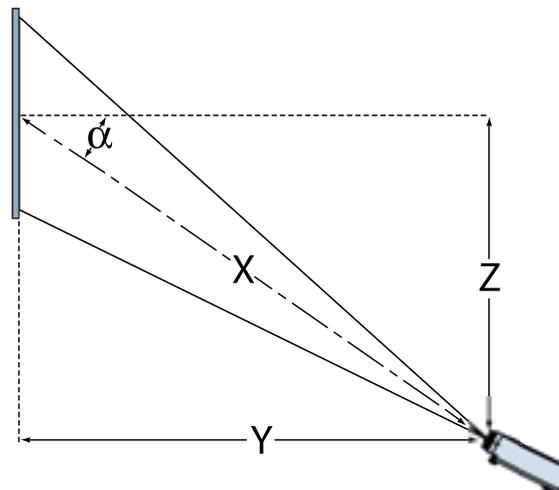
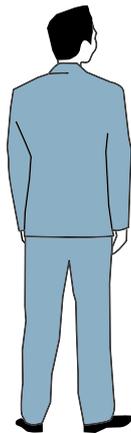
Select screen type and size and find the α , X, Y and Z values for the screen in the table below.

Remember to orient the screen correctly in relation to the projector and the audience as this has significant importance

for the functionality of the screen. Please note that the installation principles for the Holo Screen and the Attention Screens are different.

For more details, see the guidelines on the other side of this fact sheet.

Floor mount



Screen type	Size Diagonal Inch	Screen Version	α Projection angle Degrees	X Direct dist. mm	Y Horizontal dist. mm	Z Vertical dist. mm
One-block Holo Screen	40"	Acrylic and Detachable	32° +/- 5'	1700	1393	975
Holo Screen	60"	Acrylic and Detachable	35° +/- 0/- 5'	2700	2206	1548
Attention Screen Contrast	40"	Standard in frame	35° +/- 5'	1800	1471	1032
Attention Screen Contrast	60"	Standard in frame	35° +/- 5'	2700	2202	1563
Attention Screen Contrast	80"	Standard in frame	35° +/- 5'	3600	2949	2065
Attention Screen Contrast	100"	Standard in frame	35° +/- 5'	4500	3689	2583
Attention Screen Contrast	120"	Standard in frame	35° +/- 5'	5400	4423	3097

Subject to change without notice. Please check specification at time of ordering.

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More info at dnp VIP zone

Members of the dnp VIP zone have access to information and interactive tools, which will help you design, install and sell screen display solutions with dnp screens. For more information, please ask your local dnp distributor.

www.dnp.dk

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Screens of the art