



HT200 and HT210 Throw Distance

Thank you for choosing Knöll projectors! The HT200 and HT210 projectors use digital light processing chips to give bright clear images. Their lens allow for a limited amount of zooming. If a longer or shorter throw than the projector zoom limits allow is required a telephoto 1.6 times and wideangle 0.78 x lens can be ordered.

When **ceiling mounting** the HT200 or HT210 the Knöll CM20 mount kit is easy to install and swivels for exact placement. It drops the projector about 3" and the projector lens is about 6" from the ceiling. If more of a drop is needed, the CM20+6 extender adds an extra 6" drop. As many CM20+6 can be added as needed.

The most frequently asked questions concerning DLP projectors are:

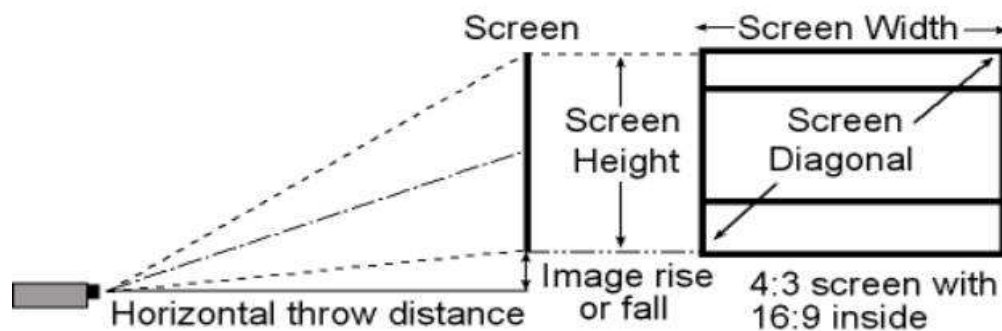
How much can the projector be tilted down (when ceiling mounting) or up (when floor mounted)?

Almost none. The HT200 and HT210 do not have adjustable keystone, so for best overall use, the projector should ideally be level if the screen is vertical (which is usually the case).

Is the width of the 4:3 image the same as the 16:9 image?

Yes. When changing from a 4:3 to a 16:9 image the width stays the same, just the 16:9 image is on the 4:3 image with black rectangular boxes above and below the 16:9 image.

Projection throw distances are the maximum and minimum horizontal distances from the projector lens to the screen. If the projector is mounted level (this is strongly recommended) the image will drop (ceiling mounted projector) or rise (floor mounted projector). The drop or rise is the vertical distance from the projector lens to the bottom (floor mounted projector) of the image or the top (ceiling mounted projector) of the image.



Projection Throw Distance 4:3 Video Screen

Screen Diagonal	72"	78"	84"	100"	120"	160"	300"
Minimum Distance	114"	124"	133"	158"	190"	253"	475"
Maximum Distance	147"	160"	172"	205"	246"	328"	615"

Image Drop or Rise	8.4"	9.1"	9.8"	11.5"	13.75"	18.3"	35"
---------------------------	------	------	------	-------	--------	-------	-----

MAXIMUM DISTANCE TO SCREEN = 2.05 x SCREEN DIAGONAL SIZE

MINIMUM DISTANCE TO SCREEN = 1.58 x SCREEN DIAGONAL SIZE

Projection Throw Distance 16:9 Video Screen

Screen Diagonal	88.25"	110"	122.5"	146.75"	165.25"	220.25"
Minimum Distance	155"	193"	215"	257"	290"	386"
Maximum Distance	194"	242"	269"	322"	363"	484"

MAXIMUM DISTANCE TO SCREEN = 2.20 x SCREEN DIAGONAL SIZE

MINIMUM DISTANCE TO SCREEN = 1.75 x SCREEN DIAGONAL SIZE

[HOME](#)