



3D Disto Software
for Windows®

Leica 3D Disto Tutorial



Opposite Point Projection

- when it has to be **right**

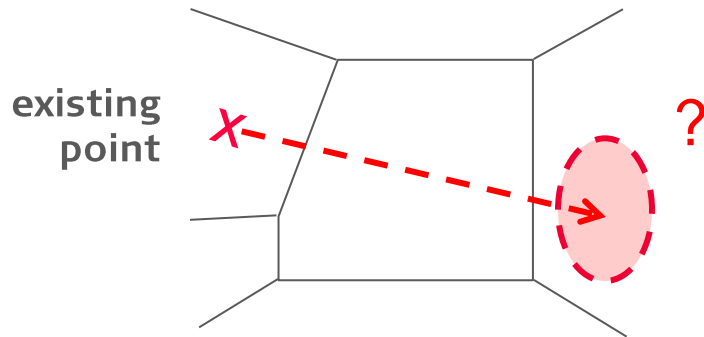


Opposite point projection

How to project a point perpendicular to a surface

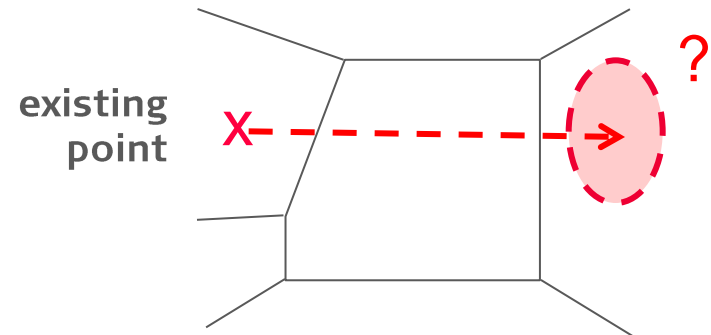
1

strictly perpendicular:



2

perpendicular & keeping the level:

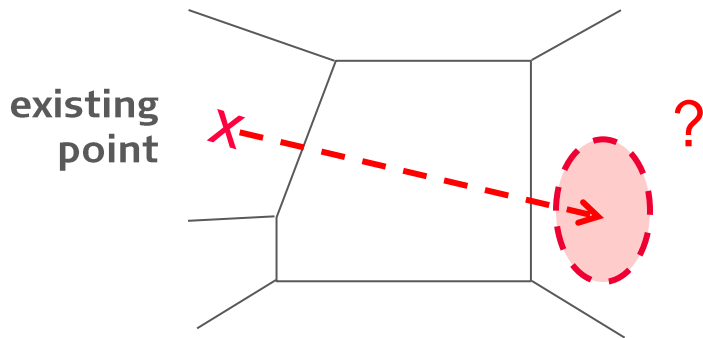


- when it has to be **right**

Opposite point projection

How to project a point perpendicular to a surface

- 1 1st workflow:
strictly perpendicular:



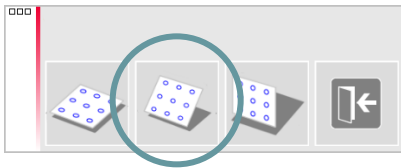
- when it has to be **right**

Opposite point projection

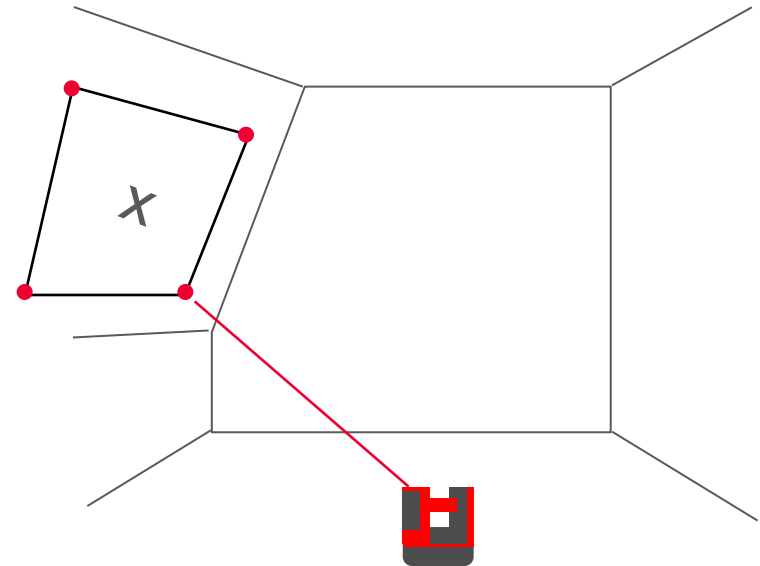
How to project a point perpendicular to a surface

1 strictly perpendicular:

- start „Projector“ application
- select option „slope“



- follow the assistant and measure around the working area
- press checkmark ✓...



- when it has to be right

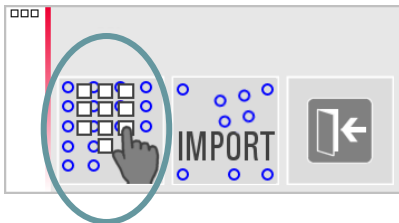
Opposite point projection

How to project a point perpendicular to a surface

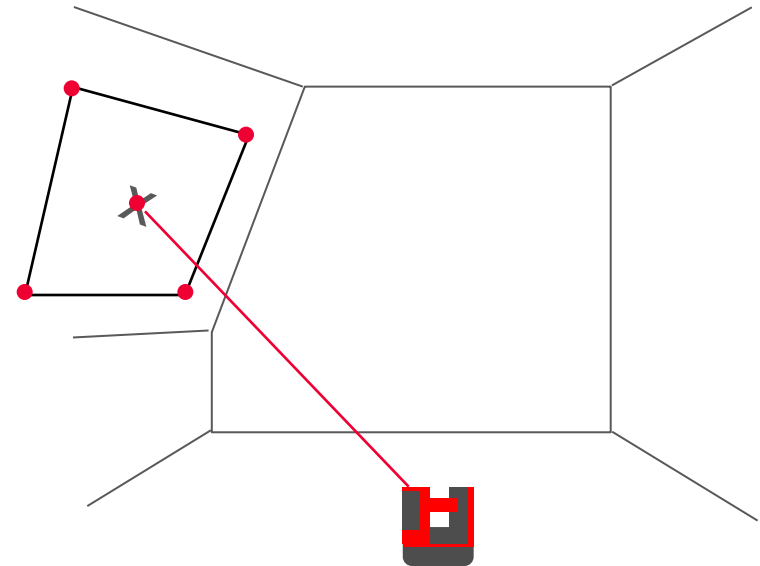
1 strictly perpendicular:

- follow the assistant and measure the point you want to have projected
- press checkmark ✓...

- select option „enter grid”



- enter arbitrary values in the following popups for grid geometry



- when it has to be **right**

Opposite point projection

How to project a point perpendicular to a surface

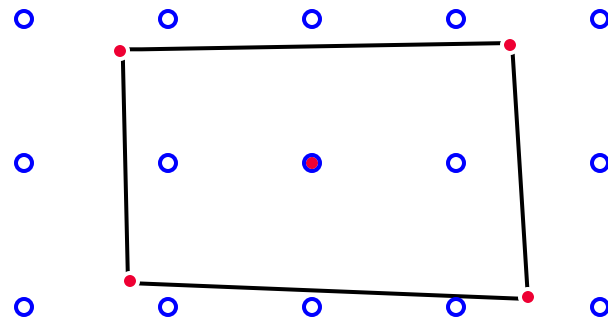
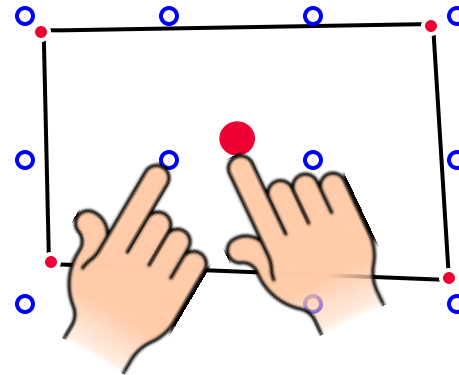
1 strictly perpendicular:

- A blue grid is displayed on the screen. Select a grid point and the measured point you want to have projected

- press COVER key



- both points are covering now. Press checkmark



- when it has to be **right**

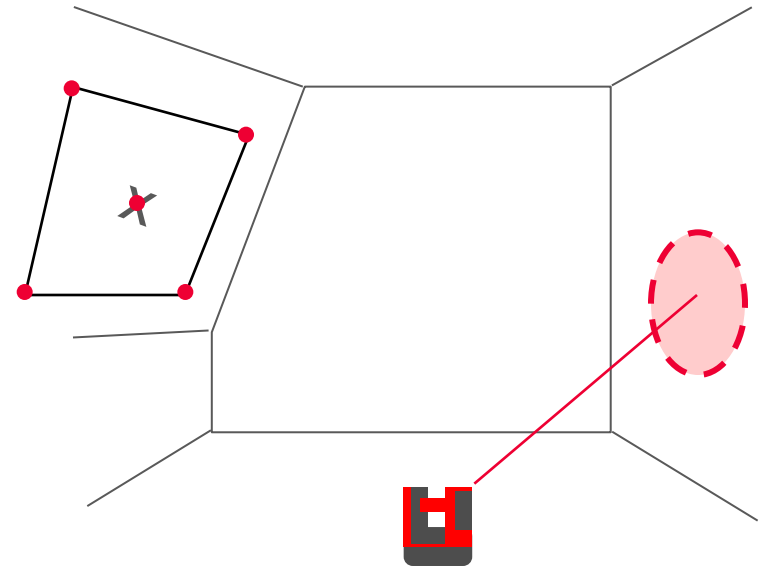
Opposite point projection

How to project a point perpendicular to a surface

1 strictly perpendicular:

- turn the laser to the position where you expect the projected point approximately

- press 



- when it has to be **right**

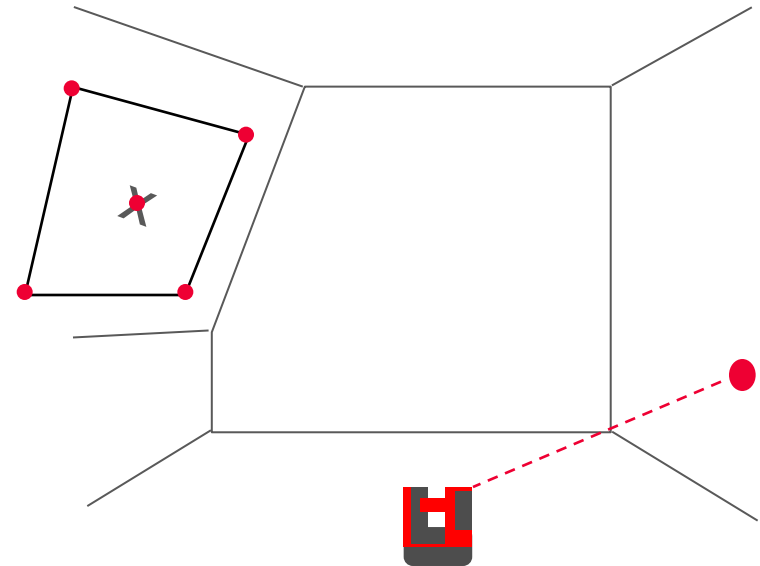
Opposite point projection

How to project a point perpendicular to a surface

1

strictly perpendicular:

- the 3D Disto measures and moves
- if the correct position is found the laser blinks and the point flashes in the screen.



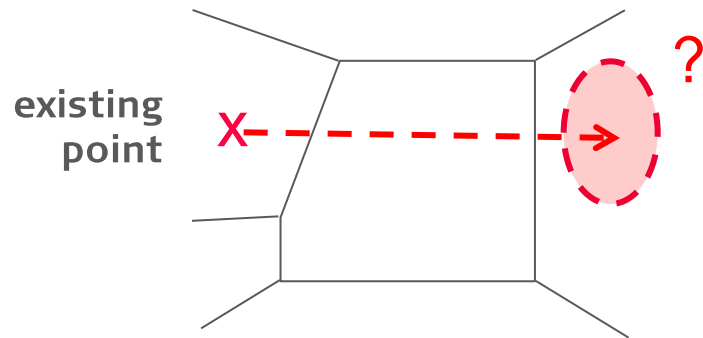
- when it has to be **right**

Opposite point projection

How to project a point perpendicular to a surface

2

2nd workflow:
perpendicular & keeping the level:



- when it has to be **right**

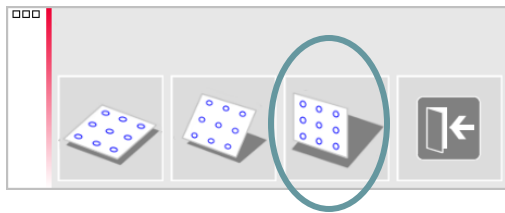
Opposite point projection

How to project a point perpendicular to a surface

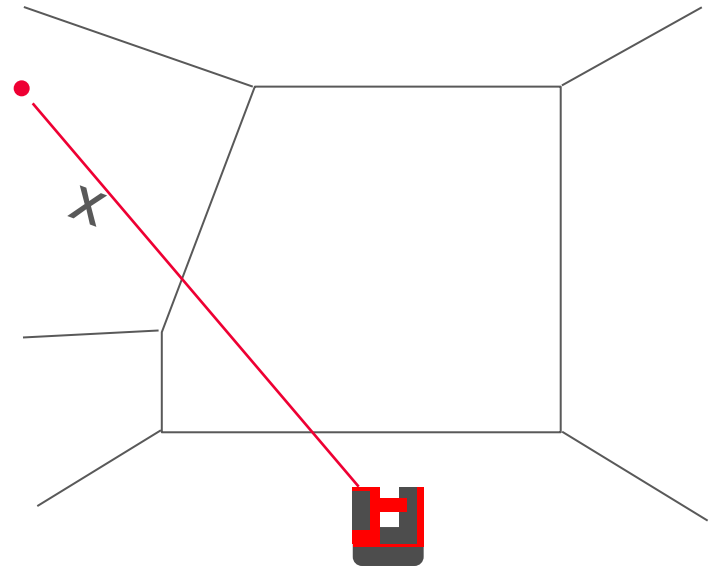
2

perpendicular &
keeping the level:

- start „Projector“ application
- select option „vertical“



- measure the 1st point on the wall
(upper left corner, see sketch)




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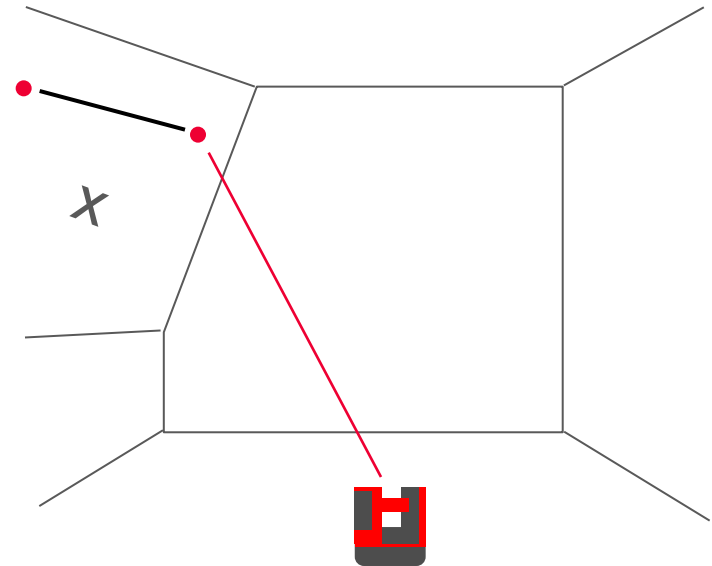
Opposite point projection

How to project a point perpendicular to a surface

2

perpendicular &
keeping the level:

- it is essential to measure the 2nd point on the same level. Therefore go to the menu and start „Tool Kit“
- press 
- do not move the laser and measure the same point again
- enter a horizontal distance, not too small, 2 m or 10 ft
- the laser moves to 2nd point, keeping the level. Quit the Tool Kit
- back in the «Projector», don't move the laser and measure the same point again



- when it has to be right

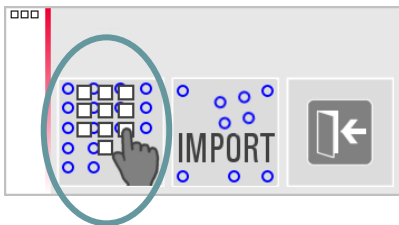
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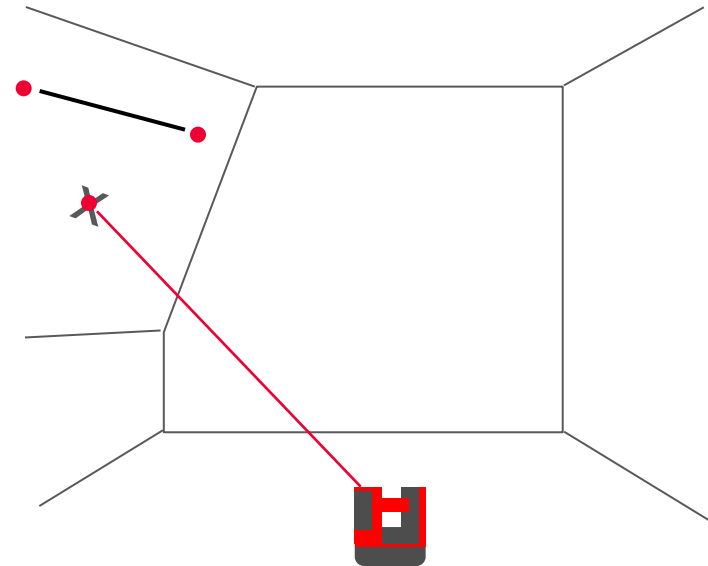
2

perpendicular &
keeping the level:

- follow the assistant and measure the point you want to have projected
- press checkmark ✓ ...
- select option „enter grid“



- ...
- (proceed like in 1st workflow. Finally the laser indicates the opposite point on the same level.)



- when it has to be **right**

Leica 3D Disto

Registration at myWorld



Register your 3D Disto on myWorld for:

- warranty extension
- license keys
- more tutorials
- free software updates
- support
- manuals

www.disto.com

The screenshot shows the myWorld@Leica Geosystems website interface. At the top left is the 'myworld @Leica Geosystems' logo. At the top right is the slogan '- when it has to be right' and the 'Leica Geosystems' logo. Below the header is a red horizontal bar. The main content area is split into two sections. On the left is a photograph of a smiling male customer service representative wearing a headset, with a blurred background of a person using a 3D scanner. On the right is a registration form titled 'Anmeldung'. The form contains two input fields for 'E-Mail' and 'Passwort', followed by an 'Anmelden' button. Below the form are three links: '› Registrieren', '› Passwort vergessen', and '› Support'. At the bottom of the page, there is a welcome message: 'Willkommen bei myWorld@Leica Geosystems' and a paragraph explaining the benefits of the myWorld service, such as direct access to services and the latest information. A footer line reads: 'Die Welt von Leica Geosystems ist nur einen Mausklick entfernt - treten Sie ein: myWorld@Leica Geosystems!'.

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