

## 3DALIGN command

1195 GstarCAD Malaysia June 30, 2021 [3D CAD](#) 0 3923

**The 3DALIGN command is used to align selected object to other object in 2D and 3D space.**

Command

3DALIGN

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**Ribbon :** 3D> 3D Operations > 3D Align

Command Prompts

Select object:  
Specify source plane and direction...  
Specify base point or [Copy]:  
Specify second point or [Continue] :  
Specify third point or [Continue] :  
Specify destination plane and orientation...  
Specify first destination point:  
Specify second destination point or[exit] :  
Specify third destination point or[exit] :

### **Function Description:**

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Users could align selected object by specifying one point, two points or three points as source points and specifying one point, two points or three points as destination points.

## Relative Glossary:

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- **Select object** : It will move and rotate the selected object to make the source object in 3D aligned to the base point, X axis and Y axis of destination. The 3DALIGN command could be used in dynamic UCS (DUCS), so the selected object could be dynamically dragged and aligned to face of destination solid.
  - **Base point** : The base point of source object will be moved to the base point of destination object.
  - **Second point** : The second point specifies the new X axis direction for a plane; this plane is parallel to the current UCS. If pressing ENTER rather than specifying the second point, it assumes that the X axis and the Y axis are parallel to current X axis and Y axis of current UCS.
  - **Third point** : The third point will completely specify the X axis and Y axis direction for source object, those two direction will be aligned to the destination plane.
  - **First destination point** : The first destination point defines the destination of source object.
  - **Second destination point** : The second destination point specifies the new X axis direction for a plane; this plane is parallel to the current UCS. If pressing ENTER rather than specifying the second point, it assumes that the X axis and the Y axis are parallel to current X axis and Y axis of current UCS.
  - **Third destination point** : The third point will completely specify the X axis and Y axis direction for destination object.
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Online URL: <https://www.gstarcad.com.my/knowledge/article/3dalign-command-1195.html>