

Titan Tricks

The Fixture Circle

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Idea: <https://www.facebook.com/groups/Avolites/permalink/1848601835272042/>

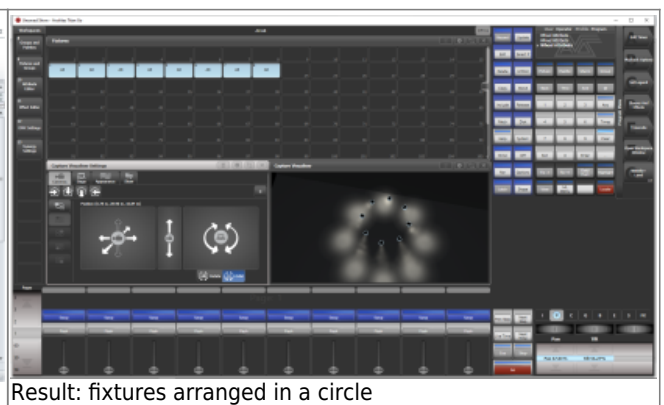
How to arrange your fixtures like on a circle truss:

- download fixturecircle.xlsx
- open it in MicroSoft Excel
- enter base values
 - Number of fixtures per full circle
 - Base X/Base Z as center of the circle
 - Base orientation as how your fixtures would be orientated normally
 - Radius: the size of the circle
- the cells below show the values for X-Pos, Z-Pos and Y-Rot. Enter them as capture values. Your fixtures are now arranged in a circle.

Update - See below for a mobile friendly HTML version

| Fixture | X-Pos | Z-Pos | Y-Orient |
|---------|-------|-------|----------|
| 1 | 0,00 | 8,00 | 0 |
| 2 | 1,41 | 5,41 | 45 |
| 3 | 2,00 | 4,00 | 90 |
| 4 | 1,41 | 2,59 | 135 |
| 5 | 0,00 | 2,00 | 180 |
| 6 | -1,41 | 2,59 | 225 |
| 7 | -2,00 | 4,00 | 270 |
| 8 | -1,41 | 5,41 | 315 |
| 9 | 0,00 | 8,00 | 0 |
| 10 | 1,41 | 5,41 | 45 |
| 11 | 2,00 | 4,00 | 90 |
| 12 | 1,41 | 2,59 | 135 |
| 13 | 0,00 | 2,00 | 180 |
| 14 | -1,41 | 2,59 | 225 |

Excel Spreadsheet



Result: fixtures arranged in a circle

HTML version

Alternatively here is an HTML version which you can also use without Excel:

<https://www.avosupport.de/downloads/fixturecircle>

You can also use it here:

From: <https://www.avosupport.de/wiki/> - AVOSUPPORT

Permanent link: <https://www.avosupport.de/wiki/tricks/fixturecircle?rev=1724488354>

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