## Artnet setup



1) Settings Tab> DMX > Click "DMX/ ArtNet Settings..." option

 Connection Tab> DMX Input> Double Click "DMX Input 1" option (do not select DMX Output)



3) Select ArtNet > Input Subnet and Universe (Note: Subnet AND Universe must match the console and will be provided by the LD)



4) Settings Tab> Click "Projection Zones..." option





## 5) Highlight the first projection zone

## 6) Advanced Tab

| 🔚 Projection zones                     |             |  |   |                            |              |             |          |         |
|--|-------------|--|---|----------------------------|--------------|-------------|----------|---------|
| File Edit View Output Zones            |             |  |   |                            |              |             |          |         |
|  | Brightness: | 45%  | -   |                            |              | 🛓 Show it   | 10W      | 2 😑     |
|  |             | 🔚 General  | 🖽 Geometric correc  |                            | 💻 Preview    | 📕 Bear      |          | Мар     |
| 1@1 Laser1<br>Projector 1: FB4 43937   |             | Also to  | 🛠 Advanced 💦  |                            |              |             | 🥻 Distri | ibution |
| 51@1 Laser2<br>Projector 2: FB4 43923  |             | <ul> <li>Beam-related</li> <li>External visualization</li> </ul> |   |                            |              |             |          |         |
| 101@1 Laser3<br>Projector 3: FB4 43930 |             | ▼DMX Server  |   |                            |              |             |          |         |
| 151@1 Laser4<br>Projector 4: FB4 44870 |             | DMX Server Disabled  | nnel simple profile)  |                            | DMX IN       | DMX Input 1 |          |         |
| 201@1 Laser5<br>Projector 5: FB3 79764 |             | Mid-size profile (32 chann<br>Max-size profile (50 chan          | nels with finer control over<br>nels: Mid-size plus full effe | movements)<br>ect controll | Base address |             |          | ÷       |
| 251@1 Laser6<br>Projector 6:           |             | FB4 style (39-channel pro<br>Custom Profile                      | ofile)  |                            | Profile      | None        |          | -       |
| Ø 301@1 Laser7<br>Projector 7:         |             | Zone aspect ratio  |   |                            |              | Earch       | iones    | -1      |
| Ø 351@1 Laser8<br>Projector 8          |             |  |   |                            |              |             |          |         |
| Ø 401@1 Laser9<br>Projector 7:         |             |  |   |                            |              |             |          |         |
| Ø 451@1 Laser10<br>Projector 9         |             |  |   |                            |              |             |          |         |
| 1@2 Laser11<br>Projector 8             |             |  |   |                            |              |             |          |         |
| S1@2 Laser12<br>Projector 11:          |             |  |   |                            |              |             |          |         |
| Laser13<br>Projector 5: FB3 79764      |             |  |   |                            |              |             |          |         |
| Laser14     Frojector 9:               |             |  |   |                            |              |             |          |         |
| Laser15     Projector 7:               |             |  |   |                            |              |             |          |         |
|  |             |  |   |                            |              |             |          | ancel   |

- 7) DMX Server> Select the mode that matches the profile from the console (Note: Mode must match the console and will be provided by the LD)
- 8) DMX Input option will match the input option from step two

| DMX / Art-Net Setup                             | 4  |
|---|--|
| Connection Output optio                         | n Input option ENTTEC Art Net sACN   |
| DMX Output                                      | Media  |
| 🗙 DMX Output 1:                                 | 📡 Disabled   |
| X DMX Output 2:                                 | Disabled   |
| 🗙 DMX Output 3:                                 | 🖈 Disabled   |
| 🗙 DMX Output 4:                                 | Disabled   |
| DMX Input                                       | Media  |
| 🗙 DMX Input 1:                                  | Disablad   |
| X DMX Input 2:                                  | Disabled   |
| 🗙 DMX Input 3:                                  | ENTEC USB DMX PRO  |
| X DMX Input 4:                                  | Art-Net  |
| 🗙 DMX Input 5:                                  |  |
| X DMX Input 6:                                  | ቀ Disabled   |
| X DMX Input 7:                                  | 🗢 Disabled   |
| X DMX Input 8:                                  | ቀ Disabled   |
| 🗙 DMX Input 9:                                  | 🔷 Disabled   |
| × DMX Input 10:                                 | 💠 Disabled 🗸 🖕   |
|   | Options  |
| Specify how to<br>means of Art N<br>USB PRO Cor | ninput and output DMX data. It could be done by<br>let, sACN protocol. QM2000 or ENTTEC DMX<br>stroller. |
|   | OK Cancel  |

9) Base address for the first projection zone will be 1 (all other base addresses will- in chronological order- incrementally increase in value as well as the corresponding projection zone the increment by which you increase the base address value will be determined by the mode selected) For example: Projection Zone 1 will have a base address of 1.

10) If 16 channel mode was selected in step 7 then Projection Zone 2 will have a base address of 17.

| 憘 Projection zones                   |   | ۵.                                    |  |  |  |  |  |
|--------------------------------------|---|---------------------------------------|--|--|--|--|--|
| File Edit View Output Zones          |   |                                       |  |  |  |  |  |
| 📄 📄 🔚 📥 🕂 🗡 Brig                     | htness: 45%   | 🗼 Show it now 👔 😑                     |  |  |  |  |  |
|                                      | 🔚 General 🛛 🔠 Geometric correction 🔤 Preview  | Beam Attenuation Map                  |  |  |  |  |  |
| 1@1 Laser1<br>Projector 1: FB4 43937 | 🕒 🛞 Also to 🔀 Advanced 🛛 🗱 Unresolved zone names: 113   | ∑ Effect 🏠 Distribution               |  |  |  |  |  |
| 2 17@1   aser2                       | ▶ Beam-related  |                                       |  |  |  |  |  |
| Projector 2: FB4 43923               | ▶ External visualization  |                                       |  |  |  |  |  |
|                                      | ▼DMX Server   |                                       |  |  |  |  |  |
|                                      | Mode  |                                       |  |  |  |  |  |
|                                      | DMX Server Disabled DMX IN  | DMX Input 1 👻                         |  |  |  |  |  |
|                                      | Liassic FB3 style [16-channel, simple profile]<br>Mid.size profile [32 channels with finer control over movements] Base address | 17 🔺                                  |  |  |  |  |  |
|                                      | Max-size profile (50 channels; Mid-size plus full effect control)   | · · · · · · · · · · · · · · · · · · · |  |  |  |  |  |
|                                      | FB4 style (39-channel profile)  |                                       |  |  |  |  |  |
|                                      | Custom Profile  |                                       |  |  |  |  |  |
|                                      | Zana zenactizatia   |                                       |  |  |  |  |  |
|                                      | <ul> <li>Zone aspect rado</li> </ul>  |                                       |  |  |  |  |  |
|                                      |   |                                       |  |  |  |  |  |
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|                                      |   |                                       |  |  |  |  |  |
|                                      |   | OK Cancel                             |  |  |  |  |  |

11) If 32 channel mode was selected in step 7 then Projection Zone 2 will have a base address 33.

| 🚪 Projection zones          |             |                           |                                       |                 |              |             |               | 0        |
|-----------------------------|-------------|---------------------------|---------------------------------------|-----------------|--------------|-------------|---------------|----------|
| File Edit View Output Zones |             |                           |                                       |                 |              |             |               |          |
| 📄 🗁 🔚 📥 🕂 🗡 🗉               | Brightness: | 45%                       |                                       |                 |              | 🎄 Show it n | ow [          |          |
|                             |             | 🔄 General                 | I Geometric co                        | rrection        | Preview      | Beam        | Attenuation M | lan      |
| Ø 1@1 Laser1                |             | Also to                   | X Advanced                            | X Unresolved    | zone names   | Σ Effect    | 🂫 Distrib     | ution    |
| Projector 1: FB4 43937      |             | Beam-related              |                                       |                 |              |             |               |          |
| Projector 2: FB4 43923      |             | External visualization    |                                       |                 |              |             |               |          |
|                             |             | ▼DMX Server               |                                       |                 |              |             |               |          |
|                             |             | Mode                      |                                       |                 | S            |             |               | _        |
|                             |             | Classic FB3 style (16-ch  | nannel, simple profile)               |                 | DMAIN        |             |               | <u> </u> |
|                             |             | Mid-size profile (32 char | nnels with finer control              | over movements) | Base address |             | 33            | ÷        |
|                             |             | FB4 style (39-channel p   | anneis; Mid-size plus fui<br>profile) | effect controlj |              |             |               |          |
| 1                           |             | Custom Profile            |                                       |                 |              |             |               |          |
| 1                           |             | 7 one aspect ratio        |                                       |                 |              |             |               |          |
|                             |             | 2 Zone dapeet rado        |                                       |                 |              |             |               |          |
|                             |             |                           |                                       |                 |              |             |               |          |
|                             |             |                           |                                       |                 |              |             |               |          |
|                             |             |                           |                                       |                 |              |             |               |          |
|                             |             |                           |                                       |                 |              |             |               |          |
|                             |             |                           |                                       |                 |              |             |               |          |
|                             |             |                           |                                       |                 |              |             |               |          |
|                             |             |                           |                                       |                 |              |             |               |          |
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|                             |             |                           |                                       |                 |              |             | Car           | ncel     |
|                             |             |                           |                                       |                 |              |             |               |          |

12) If 50 channel mode was selected in step 7 then Projection Zone 2 will have a base address of 51.

| 🔚 Projection zones                    |  |              |               | 0              |
|---------------------------------------|--|--------------|---------------|----------------|
| File Edit View Output Zones           |  |              |               |                |
| 📄 📴 🔚 📥 🕂 🕅 Brightness:               | 45%  |              | 🔺 Show it nov | . 2 😑          |
|                                       | 🔚 General 🛛 🔠 Geometric correction   | 💻 Preview    | 📕 Beam Al     |                |
| 1@1 Laser1     Braiector 1: FB4 43937 | 🕤 Also to 🔀 Advanced 🛛 🗱 Unresolved  |              |               | 🏠 Distribution |
| 2 51@1 Laser2                         | ▶ Beam-related   |              |               |                |
| Projector 2: FB4 43923                | External visualization   |              |               |                |
|                                       | Mode   |              |               |                |
|                                       | DMX Server Disabled  | DMX IN       | DMX Input 1   |                |
|                                       | Classic FB3 style (16-channel, simple profile)<br>Mid-size profile (32 channels with finer control over movements) | Base address |               | 51 🔶           |
|                                       | Max-size profile (50 channels; Mid-size plus full effect control)<br>FR4 stule (29 channel profile)                |              |               |                |
|                                       | Custom Profile   |              |               |                |
|                                       | Zone aspect ratio  |              |               |                |
|                                       |  |              |               |                |
| -                                     |  |              |               |                |
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|                                       |  |              |               |                |
|                                       |  |              |               |                |
|                                       |  |              | ок            | Cancel         |

13) If 39 channel mode was selected in step 7 then Projection Zone 2 will have a base address of 40.

| Projection zones                       |   |              |              | ٢               |
|--|---|--------------|--------------|-----------------|
| File Edit View Output Zones            |   |              |              |                 |
| 📄 🛅 📥 🕂 🕅 Brightness                   | 45%   |              | 🔺 Show it no |                 |
|  | 🖀 General 🛛 🔠 Geometric correction  | 💻 Preview    | 📕 Beam A     | Attenuation Map |
| Ø 1@1 Laser1<br>Projector 1: FB4 43937 | 🕤 Also to 🔀 Advanced 🛛 🗱 Unresolved   |              |              | 🏠 Distribution  |
| 2 40@1 Laser2                          | ▶ Beam-related  |              |              |                 |
| Projector 2: FB4 43923                 | External visualization     DMX Server   |              |              |                 |
|  | Mode  |              |              |                 |
|  | DMX Server Disabled   | DMX IN       | DMX Input 1  | -               |
|  | Mid-size profile (32 channels with finer control over movements)                                    | Base address |              | 40 🜲            |
|  | Max-size profile (50 channels; Mid-size plus full effect control)<br>FB4 style (39-channel profile) |              |              |                 |
|  | Custom Profile  |              |              |                 |
|  | ▶ Zone aspect ratio   |              |              |                 |
|  |   |              |              |                 |
|  |   |              |              |                 |
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|  |   |              |              |                 |
|  |   |              | пк           | Cancel          |
|  |   |              |              |                 |

14) View tab> Click "Show DMX/ArtNet channels monitor" option (This will open an extra window in between your main grid and quick fx ) this will allow you to see the live connection to the lasers through ArtNet.

