Creating R20 files from d4 personalities

(This is NOT an official documentation but simply based on my personal experiences - it might be not complete or even simply wrong in some aspects. Please give feeback if you find anything that you think should be improved.)

R20 files had been the personalities for the Classic consoles from the Pearl 2000 on. After production of the Classic consoles was stopped, Avolites also ceased to offer free personality service for this system in 2019. You can still download the existing personalities, but no new ones will be created.

This is intended to be helpful when you need a new personality for a fixture which isn't in the library for classic consoles but does exist as d4 file for the Titan system. Please understand that this page is currently **Work In Progress**.

My scratchpad:

- get the latest d4 file, check at http://personalities.avolites.com - you might already check which modes are in the fixture –> cells are not supported by r20 files/classic consoles - open in personality builder - check the modes you want to use as r20 (each mode gets its own file) - for the Equinox Fusion 260ZR the Cell mode and the 25 DMX mode (which uses the cells) cannot be used as r20 - for the usable modes:

1. check that a distinct Classic Pearl Reference is set (11 characters, no spaces - PLEQFU2602, PLEQFU2608, PLEQFU2617
2. when exporting the filename is created from the Classic Pearl Reference but is limited to 8 characters. Thus, 8 char references are preferable - here: EQFU2602, EQFU2608, EQFU2617
3. check wheel mapping for the modes you need, tab 'Classic Pearl' – all attributes mapped, nothing unassigned – and nothing red
4. ——————————–

Question

The channels assigned to wheels in this mode only utilise part of the DMX range.

Note: Visualiser will require complete range to work correctly.

Adjust limits to match?

Ja Nein

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1. not necessarily but recommended to fix this. Here:
    1. Shutter (change Open to 1~15)

2. Auto (change No Effect to 0~15)
3. Colour Macro (change Open to 1~15)
4. Colour Macro (change Safe to 1~127)

1. ————————–

Question

The attribute, Control, is not included in this mode but is in the macro Reset.

Write macro anyway?

Ja Nein

No!

- from the second mode on make sure you give the correct filename

prolight_equinox_fusion_260zr.d4
eqfu2602.r20
eqfu2608.r20
eqfu2617.r20

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https://avosupport.de/wiki/ - **AVOSUPPORT**

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