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Release Notes Balder/Loki 1.4.18:

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Supported products:

R9023451	Barco Loki	
R9023470	Barco Loki	(only 220 VAC PSU)
R9021012	Barco Loki	
R9023469	Barco Loki Cinemascope	(only 220 VAC PSU)
R9023464	Barco Balder	
R9021013	Barco Balder Cinemascope	

Pre-requisite:

Upgrade to version 1.3.x prior to upgrade to 1.4.18

Software downgrade procedure:

Downgrade to 1.3.x requires factory reset before and after downgrade. All user settings will be lost!

- Full factory reset
- Downgrade to 1.3.x
- Full factory reset
- Restart

New features:

01. Gamma Adjust 1.0 - 2.8
02. Stereo modes: Passive stereo input converted to active stereo output
03. Black level matching
04. Sharpness adjustment
05. Masking, electronic curtain
06. Support for UST - Ultra short throw lens - EN68
  - Limited lumens and shift adjustment
07. Support for external dust and smoke filters
08. Configurable hostname
09. Presets - Rec.709, EBU, SMPTE-C, DCI-P3, Native
10. Notifications - user level info, warnings and errors
11. Dynamic grid lines for warping (full 33x33)
12. Added upload of custom EDIDs to pulse prospector

Bugfixes/updates 1.4:

13. Changed LCD backlight timeout to 60 seconds
14. Improved firmware upgrade process
15. Added Cyan, Magenta and Yellow testpatterns
16. Increase bitdepth of uploaded test patterns
17. Select default edid if selected user edid does not exist
18. Added EDID file for 1280x1440
19. Added EDID files for 1920x1080
20. Fixed timing error in 1280x1440 DVI EDIDs
21. Fixed image artifacts in stereo mode
22. Fixed lens shift stuck in calibration if calibration fails
23. Changed names for dual sources
24. Fixed signal range detection for HDMI with YCbCr color space
25. Changed precision constraints of brightness, contrast and saturation from 0.1 to 0.01

Cinemascope:

26. Corrected test patterns

Known issues 1.4:

27. Laser power level is set to 0 after factory reset with shutter on
28. Sharpness is not affected by factory reset

29. Focus, Zoom and Iris enabled after upgrade
30. OSD blend help lines does not follow warp when using uploaded warp files
31. Possible missing lock on DVI2 after reboot
  - reselect source
32. Possible unit hangs during flash
  - more than 20 minute flash time. Restart, check version and re-flash if necessary
33. Possible HDBaseT upgrade failure
  - Reflash with full firmware

Cinemascope:

34. Source notification OSD doesn't follow cropped screen sizes