



PIERO's High Dynamic Range (HDR) Status as of Q1 2024

Overview

This document provides information on the current status of PIERO's support for High Dynamic Range (HDR).

PIERO Version

PIERO 19.2 or later	HLG and SLOG-3 (Sony S-Log) supported with full, narrow and extended color ranges.
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Video Clip Format

HDR Video Files - Linux Version	HLG using xavcIntra100 and xavc4kIntra in an mxf container or prores422HQ in mov (recommended).
HDR Video Files - Mac Version	May have limitation depending on what PIERO can decode and the specific PIERO license. XAVC Intra QFHD class 300 for UHD and XAVC Intra 100 for HD recommended.

Notes

- PQ not supported.
- PIERO does not transcode video. HDR video input to PIERO will maintain full quality output.
- Graphics added by PIERO are within the SDR color space, regardless if the video is HDR or SDR.
- Graphics uploaded to the Asset Manager must be 8bit SDR.
- ST2110 video will support HDR, like SDI video.
- NDI Video does not support HDR, therefore NDI outputs and Touch outputs can only be SDR.