



COPRA encoding recommendations

File Formats

COPRA supports different file formats:

- H.264 clips (as .mov / .m4v / .mp4)
- H.265 (HEVC) clips (as .mov / .m4v / .mp4), plays back on supported devices only: <https://copra.de/h265>

***note:** HDR is possible, too. COPRA supports HDR10 and Dolby Vision, on devices like Apple TV 4K, iPhone X, etc.*

Resolutions & Frame Rate

- there's no resolution limitation in COPRA, please make sure that all playback devices do support higher resolutions, though
- our recommendations: 720p (1280 x 720) or 1080p (1920 x 1080)
- no frame rate limitation, higher frame rates (HFR) are supported

Data Rates

- in our experience a data rate between 2-4 MBit/s (at 1280 x 720) and 6-8 MBit/s (at 1920 x 1080) is the best compromise between playback speed and quality
- don't forget that some users will access the dailies from their phone - without WiFi

Audio

- 2 channel AAC Audio, 1 track only (various configurations like Stereo, Mono, DualMono, etc. are possible), we recommend a data rate of 128 kbps or higher

Metadata

- COPRA supports Metadata ingest either via .ale or COPRA XML
- metadata exchange tutorials for Resolve, Silverstack Lab, SCRATCH, etc. can be found here: <https://copra.de/metadata>

Watermark

- you can burn-in your custom watermark or use COPRA's built-in functionality
- in COPRA, navigate to project settings, choose where you want the watermark to be displayed

***note:** by default COPRA displays the user's first and last name, use the text field for additional info*