

Avalon Derivatives

Avalon creates multiple derivatives for each file during the transcoding process. The default configuration settings for each media type are given below. These defaults can be [re-configured in the Matterhorn configuration files](#).

Audio

- Medium = 128kbps/44.1khz AAC file
- High = 320kbps/44.1khz AAC file

Video

- Low = 500kbps h.264/mp4 file, 128kbps/44.1khz AAC audio
- Medium = 1mbps h.264/mp4 file, 128kbps/44.1khz AAC audio
- High = 2mbps h.264/mp4 file, 192kbps/44.1khz AAC audio

Skip Transcoding File Requirements

In order to skip transcoding, files prepared for ingest must meet the following codec/format requirements:

- Video - h.264/mp4
- Audio - aac/mp4