



Northwestel Community Television Video Submission Formatting

Please use the following guidelines to encode your video files for submission to Northwestel Community TV. If you have any questions, please contact us at communitytv@nwtel.ca

COMPRESSION FORMATS:

Northwestel Community TV will accept MPEG 2 and H.264 video compression formats.

H264 is a high quality, low file size codec that is often the default choice for exporting with most NLE software (Final Cut Pro, iMovie etc.). Premier and other PC based editing systems also have H264 in their export options. You do not need an additional program like Compressor to export with this format.

Mpeg 2 / Mpeg 2 Transport Stream (M2T). M2T is preferred though MPEG 2 is acceptable. To export into M2T, you will need to use Compressor (Final Cut) or Media Encoder (Premier) or another piece of compression software. In Compressor, certain default settings are adequate, but you can increase the quality of the encode to 20 AV.

GENERAL SETTINGS

Size: For best results keep your export size similar to the native resolution (i.e. you shot in HD 1920X1080, export in the same size). If you size up, you will lose some quality in your image (i.e. going from SD 720X480 to 1920 X 1080).

Frame Rate: Keep the frame rate the same as the source material.

Field Dominance: If you shot progressive, you do not need to worry about this, but for interlaced projects, choose upper.

Anamorphic: If there is an anamorphic option on your sequence, do not select it unless you are dealing with anamorphic footage (footage that was shot “squeezed”, which is typical with older SD cameras when the final result was a 16:9 frame). If you select it, it will distort your current project.

Audio:

M2T / MPEG2 - Keep the audio at 48 kHz, 128 bit

H.264 – the audio must be AAC at 44.1 kHz, 128 bit

Aspect Ratio: The system can accept either 4:3 or 16:9 dimensions for your video. Channel 9 is output in a 4:3 aspect ratio and we will ensure the proper aspect ratio is maintained through either “letter-boxing” or “pillar-boxing” in the output delivery phase. No letter-box or pillar-box formatting is required on the native file.