



TECHNICAL REQUIREMENTS FOR HAWAI'I ISLAND PRESENTERS

Use the following guidelines for submitting outside programs for playback on our public access channels.

PROGRAM ENDS:

- a. 30 seconds max of underwriting closing credits (if applicable).
- b. 10-20 seconds max of production credits which **MUST** include:
 - i. Name of each crew member (unless anonymity is requested);
 - ii. **PUBLIC DISCLOSURE:** email or mailing address (should **not** be a physical address); name of copyright owner and source of program (disclose if portions of your show were taken from other sources); full name of Presenter and phone number are optional.
- c. **ALL** of these disclaimers for a minimum of 5 seconds each, up to a maximum total running time of 45 seconds for both disclaimers:
 - **FREE AIRTIME STATEMENT:** "Production facilities are provided to the clients of Nā Leo TV. Airtime is free. Charging for airtime is not allowed."
 - **DISCLAIMER:** "Nā Leo TV, Spectrum, and its affiliates are not responsible for the views expressed or the content of any public access programming."

Acceptable Submission Formats:

- Programs should be submitted in either MOV, AVI, MPEG-2, or MP4 formats. H.264 compression is recommended.
- Programs should be submitted in standard definition for cable playback. High-definition programs will be downconverted to standard definition letterbox for playback.
- Half-hour programs must be 28, 29, or 30 minutes, and one-hour programs must be 58, 59, or 60 minutes long exactly. Programs of non-conforming lengths will be aired sometime during the hours of 12AM (midnight) to 6AM.

Video Upload Requirements:

FORMATS:

MP4 - H.264

- Profile: Main, High, High 10, High 4:2:2
- HD: Level 3.2, 4, 4.1, 4.2, 5, 5.1, 5.2

MPG - H.264

- Main profile @ Main level (4:2:0)
- Main profile @ High level (4:2:0)
- Main profile @ High level-1440 (4:2:0)
- 422 profile @ Main level
- 422 profile @ High level

HD Frame Size: 1920 Width
1080 Height

Aspect Ratio: 16x9 or 4x3

Data Rate: 6500 Kbps

Frame Rate: 29.97

PCM Audio Per Sample: 16, 24, 32

H.264 - 48 Khz and MPEG2 - 44.1 Khz (MPEG1 layer 2 or PCM)

*AAC will only playback the first two audio tracks (Mono / Stereo). All other audio tracks are ignored.

Currently playback of closed caption is supported only if the video essence is H.264. Subject to change as time progresses.