INSPIRATION TV

Inspiration TV Delivery Specification
Standard

Version: 1.3

Sensitivity: Public

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1　INTRODUCTION

1.1　PURPOSE

This document states the desired specifications for content delivery from out-of-house production and/or distribution companies for broadcast through the various media outlets of Inspiration TV. These outlets include but are not limited to linear broadcast, satellite transmission, VOD, streaming, and web.

1.2　SCOPE

This specification applies to all rich media assets and associated files delivered to Inspiration TV for distribution to its media consumers.

2　POLICY STATEMENT

If the specifications referenced herein cannot be met, approval must come from Inspiration TV Management to provide exceptions. Additionally, the Manager of Post-Production Technical Services will be consulted to ensure compliance with any relevant procedures.

For more information about delivery requirements for Inspiration TV, contact:

Sales@inspirationtv.com

3   TECHNICAL ONBOARDING

Before delivering media files, if not already onboarded, media distributors will be contacted by Inspiration TV Network Services to evaluate our respective delivery methods and transfer capabilities. This will include a digital file transfer test.

Preferred Connection Methods (in order of preference):

1. Aspera/Signiant
   a. Licensor will Host
2. FTP
   a. Inspiration TV will Host
3. Dropbox/Onedrive
4. Hard Drive
   a. USB (preferred USB-A) version 3.0 and 3.1 accepted
   b. Thunderbolt not accepted
   c. Drive Formatting (in order of preference):
      i. exFAT
      ii. NTFS
      iii. HFS+
      iv. REFS
      v. APFS
   d. Delivered hard drives must have a label affixed to the hard drive casing containing the following information:
      i. Title
      ii. Season # (if episodic)
      iii. Episode # (if for single episode)
      iv. Date of Submission
   e. Additionally, each delivered hard drive must be accompanied by a log of its contents. A printout of the files contained on the hard drive or screenshot of expanded folders will suffice for this log.
   f. Inspiration TV will not reimburse cost incurred by shipping or otherwise delivering hard drives.
   g. Submitted hard drives will not be returned to the distributor.

For more information specifically about asset delivery to Inspiration TV, contact:

Inspiration TV Network Services
networkservices@inspirationtv.com
+1 704-561-7748

4 ASSET FORMATTING SPECIFICATIONS (PROGRAMMER DIRECT TO LINEAR BROADCAST)

4.1 CONTENT LOG

All long-form and short-form content intended for Linear Broadcast must be formatted as follows:

Content Item	Timecode	Notes
Bars and Tone	00:59:15;00 – 00:59:45;00 (30 Seconds)	75% Split Field Bars and Tone • *Digital Scale* • *Black Limit = 0mV* • *White Limit = 700mV* • *Tone Level = -20dB*
Slate	00:59:45;00 – 00:59:55;00 (10 seconds)	Audio Silence
Media Start	01:00:00;00	
Digital Black		Five Seconds Duration after End-of-Media

4.2 SPECIAL INSTRUCTIONS

- If Commercial Breaks are contained in the media, they will be in the form of 5-second black/silent slugs.
- Filenames cannot contain special characters, periods, or spaces. Use underscores or camel text in place of spaces.
- Filename must be limited to 30 characters.
- File Naming Convention = [Program_Title]_[Show_Number]
  - Ex: Show_Title_Ep63
  - Ex: ShowTitleSeason2Ep63

4.3   FILE & PICTURE SPECIFICATIONS

File Format	QuickTime
Codec	ProRes 422
Frame Rate	29.97 (Drop Frame)
Aspect Ratio	16:9
Pixel Aspect Ratio	Square
Width/Height	1920x1080
Color Space	ITU-R BT.709
Chroma	4:2:2
Interlacing	Interlaced (Upper Field First)
Audio	LPCM / 48000 Hz / 24 bit / Stereo

4.4   AUDIO SPECIFICATIONS

- Channel configuration must be stereo or dual mono and in proper phase.
- Channels must be discrete, not a single-stream stereo pair, and configured as follows:
    - o   Track 1: Left Total/Mono 1
    - o   Track 2: Right Total/Mono 2

4.5   SLATE SPECIFICATIONS
Minimum required information on slates is as follows:

- Program Title
- Episode Number
- Episode Title
- Programmer's Program Number
- Total Program Time (TPT)
    - o   Total length of feature content
    - o   This calculation does not include header, black at tail, or commercial slugs

4.6 BROADCAST REGULATIONS

Adhere to ITU-R BT.709 standards:

- Luminance levels shall be maintained within zero and 700 millivolts analog equivalent to an 8-bit sampled digital signal where zero mV equals 16 and 700mV equals 235. Any "extended-range" signals beyond these limits must be restricted to highlights and overshoot products that do not convey any useful information in a scene.
- Chrominance levels, whether measured as R' G' B' components or as color difference (Y', C'b, C'r) shall be within the proper levels to ensure compliance with the Rec. 709 color space. Within the zero to 700mV analog equivalent range for R' G' B'; within the zero to 700mV analog equivalent range for Y' (luminance) and plus/minus 350mV for the color difference components C'b and C'r.

4.7 PAL DELIVERIES

While Inspiration TV broadcasts in NTSC standards and prefers NTSC deliveries, PAL deliveries can be accepted. A test file will be required to ensure proper conversion to NTSC can be done with minimal loss of quality.

5.1 CONTENT LOG

All licensed long-form and short-form assets must contain the following:

- Bars/Tone/Slate (Preferred but not required)
- Feature Content
    - Media Start at 1:00:00 (If Bars/Tone/Slate are included)
    - Media Start at 00:00:00 or 1:00:00 (If file contains only Feature Content)
- 5-seconds Black at Tail (Preferred but not required)

5.2 SPECIAL INSTRUCTIONS

- If Commercial Breaks are contained in the media, they will be in the form of 5-second black/silent slugs.
- Filenames cannot contain special characters, periods, or spaces. Use underscores or camel text in place of spaces.
- Filename must be limited to 30 characters.
- File Naming Convention = [Program_Title]_[Short Description]
    - Ex: Movie_Title_Feature
    - Ex: MovieTitle_Trailer

5.3 FILE & PICTURE SPECIFICATIONS

File Format	QuickTime
Codec	ProRes 422
Frame Rate	23.976 / 24 / 29.97 / 30 / 59.94 / 60 – Same as Source
Aspect Ratio	16:9
Pixel Aspect Ratio	Square
Width/Height	1920x1080
Color Space	ITU-R BT.709
Chroma	4:2:2
Interlacing	Progressive / Interlaced (Upper Field First) – Same as Source
Audio	LPCM / 48000 Hz / 24 bit / Stereo

5.4 AUDIO SPECIFICATIONS

5.4.1 Stereo

	Stereo
Encoding Type	LPCM
Track 1	Stereo Left
Track 2	Stereo Right
Track 3	M&E LT (If Available)
Track 4	M&E RT (If Available)
Sample Rate / Bit Rate	48,000 Hz / 24 bit

5.4.2 Surround

	Surround
Encoding Type	LPCM
Track 1	Stereo Left
Track 2	Stereo Right
Track 3	Left
Track 4	Right
Track 5	Center
Track 6	LFE (Low Frequency Effects)
Track 7	Left Surround
Track 8	Right Surround
Track 9	M&E LT (If Available)
Track 10	M&E RT (If Available)
Sample Rate / Bit Rate	48,000 Hz / 24 bit

5.4.3 SPECIAL INSTRUCTIONS

- For Stereo, Channels rendered as Mono/Discrete or Stereo Pairs.
- For Surround, Audio Channels rendered as Mono/Discrete.
- If additional audio stems are provided as part of the delivered audio-video asset, they must be on tracks subsequent to the tracks specified in this section.
    - Example: Stem tracks start with track 3 or 5 for Stereo submissions and track 9 or 11 for Surround submissions.
    - Full mix tracks will still follow specified track order.
- Omit any MOS tracks from deliverable files. All audio tracks on deliverable files must contain audio.
- If separate audio stem files are provided, they will be .WAV files with a sample rate of 48,000 Hz and bitrate of 24 bit. Timecode on stem files must match their associated video asset to ensure proper sync.

5.5 PAL DELIVERIES

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5.6 CLOSED CAPTION FILES

An embedded or sidecar caption file must accompany the asset upon delivery. The sidecar file must be formatted as a Scenarist Closed Caption (.scc) file and timed to the audio-video asset. The filename of the closed caption file must exactly match that of its associated asset.

6   ASSET FORMATTING SPECIFICATIONS (VOD-ONLY)

6.1 AUDIO-VIDEO CONTENT, FILE, & PICTURE SPECIFICATIONS

If delivered content is licensed for VOD-Only distribution and not for linear broadcast, the asset must only contain the feature content. No bars, tone, slate, or commercial slugs. Timecode of the file must be zero-based (starting at 00:00:00).

6.2 SPECIAL INSTRUCTIONS

- Filenames cannot contain special characters, periods, or spaces. Use underscores or camel text in place of spaces.
- Filename must be limited to 30 characters.
- File Naming Convention = [Program_Title]_[Short Description]
    - Ex: Program_Title_Feature
    - Ex: ProgramTitle_Trailer
- Caption filenames must match show names exactly.

6.3 FILE & PICTURE SPECIFICATIONS

File Format	QuickTime
Codec	ProRes 422
Frame Rate	23.976 / 24 / 29.97 / 30 / 59.94 / 60
Aspect Ratio	16:9
Pixel Aspect Ratio	Square
Width/Height	1920x1080
Color Space	ITU-R BT.709
Chroma	4:2:2
Interlacing	Progressive / Interlaced (Upper Field First)
Audio	LPCM / 48000 Hz / 24 bit / Stereo

6.4 AUDIO SPECIFICATIONS

- Channel configuration must be stereo or dual mono and in proper phase.
- Channels must be discrete, not a single-stream stereo pair, and configured as follows:
  - Track 1: Left Total/Mono 1
  - Track 2: Right Total/Mono 2

6.5 PAL DELIVERIES

While Inspiration TV broadcasts in NTSC standards and prefers NTSC deliveries, PAL deliveries can be accepted. A test file will be required to ensure proper conversion to NTSC can be done with minimal loss of quality.

6.6 SUBTITLE FILES

If a VOD-Only submission requires subtitles for distribution, a sidecar subtitle file must accompany the asset upon delivery. If possible, the sidecar file must be formatted as a Video Text Track (.vtt) and timed to the audio-video asset. If VTT cannot be submitted, the sidecar file must be formatted as a Scenarist Closed Caption (.scc) file and timed to the audio-video asset. The filename of the closed caption file must exactly match that of its associated media asset.

7 SUPPLEMENTAL PRINT MATERIALS

If supplemental print materials are submitted in order to accompany audio-video material for VOD, web, or other non-linear distribution, they will be delivered via the methods defined during the Technical Onboarding process.

- Supplemental Print Materials will be formatted as .PDF.
- Filename must be limited to 30 characters.
- File Naming Convention = [Program_Title]_[Short Description]
    - Ex: Program_Title_Episode_Number_Devotional
    - Ex: ProgramTitle_FindingFaithStudyGuide