AD Pre-Mix Video Compiler

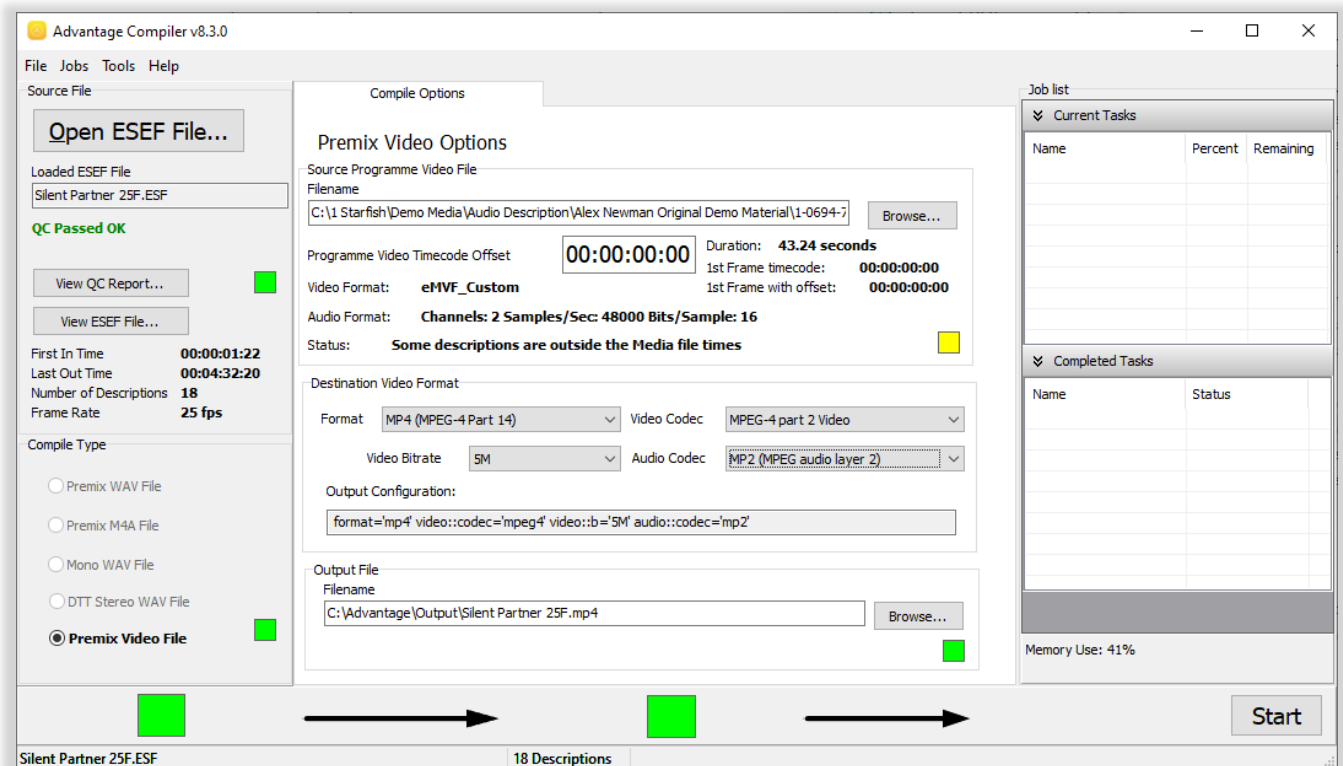Audio Description Compiler

starfish technologies

CREATES A PRE-MIXED AUDIO TRACK IN A VIDEO FILE

Enables simple creation of pre-mixed program audio and Audio Description track in a browse media file.

The Advantage Premix Video Complier is a software application that mixes an ESEF Audio Description file, with a standard browse media file, and creates a pre-mixed audio, browse media output file.

It enables preview copies of an Audio Description project to be processed quickly and easily.

The resulting media file can be used for client review and approval or for producing web content that requires Audio Description.

The audio in the browse media input file must be recorded with a 48 KHz sampling rate.

Starfish Technologies Ltd.
Reading Enterprise Centre, Whiteknights Road, Reading, Berkshire, RG6 6BU. United Kingdom

www.starfish.tv

Page 1 of 2
Document v2.6

AD Pre-Mix Video Compiler
Audio Description Compiler

KEY FEATURES

- User friendly interface
- Auto check on the input file timecode validity - checks for overlapping timecodes
- Mixing is controlled by the dip and fade information contained in the ESEF File

Inputs
• A range of browse media formats including MPEG-1, MPEG-2 and H264 with 48 KHz audio
• ESEF Audio Description file with associated WAV files
Output
• A range of encoded media formats with pre-mixed audio

HARDWARE REQUIREMENTS

Operating system - 64 bit, Microsoft Windows 10, or Windows Server 2016 or later. The PC hardware should have the following recommended minimum specification: Intel i5 or dual-core Xeon processor at 2.5GHz (or equivalent AMD processor) and 8GB of RAM.

Licensing - The application is protected by means of a hardware security dongle.

ESEF Files
ESEF is a widely used broadcast standard interchange format for Audio Description files and is the required source file format for all the Advantage Compiler products.
An ESEF file set consists of an .esf file and a set of individual WAV files associated with each description.
The .esf file contains - script data for each description, in-time and out-time timecodes of each description, the filename of the WAV file for each associated description - not the actual audio recording itself, the fade duration, fade depth and stereo pan data for each description.
The recommended fade depths for broadcast use are: 1/3dB, 3dB, 6dB, 9dB, 12dB, 15dB, 18dB, 21dB, "Maximum" i.e. no programme sound audible at all.
The recommended fade durations for broadcast use are: 0 frames, 3 frames, 10 frames, 25 frames.

ASSOCIATED PRODUCTS

Advantage Pre-Mix Video Compiler is one of a family of Audio Description products available from Starfish Technologies Ltd. Together these products can be configured to create complete workflow systems. Please see www.starfish.tv for more details.

All specifications and minimum requirements are subject to change without prior notice. Please check before purchase.

Starfish Technologies Ltd.
Reading Enterprise Centre, Whiteknights Road, Reading, Berkshire, RG6 6BU. United Kingdom

www.starfish.tv

Page 2 of 2
Document v2.6