![aurix logo](listening power)

Aurix aligner - Product Datasheet

The automatic text/audio-visual alignment toolkit (SDK)

Aurix aligner, based on Aurix's speech recognition software, is a speech alignment tool that can time-align audio-visual and text files. Historically the task of synchronizing this data was a very labor-intensive process, with a team of people manually aligning text transcripts with their audio-visual recordings. Aurix aligner has automated this process, saving time and costs for the user.

Today, thousands of video depositions are made every day, resulting in the generation of vast amounts of text and audio-visual data. Very often legal teams need to quickly access specific points in these recordings (which can be up to six hours or more) to verify pertinent statements made at the deposition, or for presentation and research purposes.

Aurix aligner time-aligns the transcript with the recording, enabling key words and phrases to be quickly and automatically located. Previously, such a task would take many man-hours of effort. The increasing demand to visually record depositions means Aurix aligner is proving to be an invaluable tool.

In many environments where audio-visual depositions are produced (homes, offices, hotel rooms, etc.) the recording conditions are less than ideal resulting in poor quality sound data files. Aurix aligner's inherent ability to separate background noise from speech allows it to dramatically increase the quality of the final output.

Speed and accuracy are vital, and Aurix aligner excels at both. Timings are provided for each individual word that is spoken, and a typical recording can be processed 6X faster than real time.

Aurix aligner software features

o   Accepts a broad range of input formats

o   6X faster than real-time on a modern PC

o   Robust to noise, music or sound effects

Technical Information

Aurix aligner is provided as a software toolkit to developers, who can easily add this functionality to, for example, their existing alignment or trial presentation software.

A range of different input media formats are supported, including MPG, AVI and Microsoft ® Windows Media Format files. Scripts are provided to the system in either plain text or XML format.

The output timings associated with each word are presented in an easily interpretable XML format

Aurix Limited, Malvern Hills Science Park, Malvern, Worcestershire, UK WR14 3SZ
Tel: +44 (0)1684 585100 Web: www.aurix.com Email: info@aurix.com