

Virtual Recorder D.A.V.I.D. - a new dimension in interactive learning

ASC, the leading supplier of Language Teaching systems over the past 35 years, has again shown the world that learning of foreign languages can still be enhanced. The use of Personal Computers in the classroom and the world standard for digital audio and video has smoothed the path for interactive Multi Media lessons and exercises. Teaching and learning is no longer restricted to specific places or times as digital media can be available any time and at any place throughout the world.

The student's "all-digital" learning environment together with natural speech and authentic video presentation makes D.A.V.I.D. (Digital Audio Video Interactive Device) pedagogically sound and highly intuitive for advanced student studies.

Virtual Recorder

The D.A.V.I.D. is the virtual recorder that records and replays digital audio and video files using the hard disk of the computer. Any other digital information is displayed by opening the correct document related application. The integration of Internet browsing and multiple-choice lessons extends the possibilities for modern teaching and increases student motivation.

An easy to use student interface

The clearly arranged interface offers a good overview and a quick access to any exercises. The symbols and functionality of the control buttons are similar to an analog language lab recorder and therefore easily understood. The D.A.V.I.D. displays separate volume controls for the master and the student channels, which are shown on the student computer screen. The D.A.V.I.D. program can be minimized to enable use of other applications (such as video and text) while still controlling the main record and replay functions.

Quick access

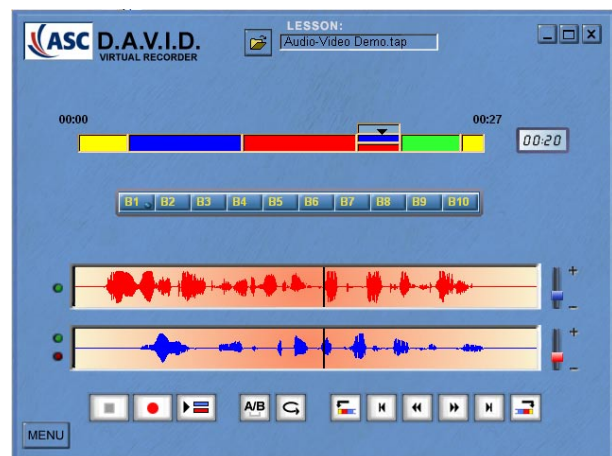
Any position in the digitally recorded lesson can be reached in a split second with one mouse click. For quick access to sections or sentences the channel activity display eases navigation whilst the display shows a voice graph in amplitude format for the visual indication of phrases. A direct comparison between the instructor's stimulus and the student's response is also possible via the display. Areas within the lesson to which the student wishes to return to can be accessed with up to 39 bookmarks and the A-B-Repeat feature makes automatic sentence or phrase repetition easy.

Full Integration

The D.A.V.I.D. software package can either be utilized in a stand-alone application or in a network. The full integration in a Multi Media Center ESPRIT and ESPRIT LE along with a data network (LAN) and a „Real Time“ pedagogical network (CSS = Computer Supervisory System) for screen-, mouse, and keyboard transfer is an option most appreciated by the educators.

System Highlights D.A.V.I.D.

- Simple operation using audio and video files
- Channel activity display (voice graph) with visual indication of phrases for quick access
- Real training mode with TAP-documents (an ASC exclusive feature) including announcement, question/response, translation, video playback, Internet, external document browsing and multiple choice response analysis
- Quick navigation within an exercise by simple mouse clicks



The Teachers Authoring Package

The Teacher Authoring Package (TAP) allows the teacher to generate lessons for students. A TAP-document is a script for the presentation of several instructional components in a given order. The working time can be fixed for the complete lesson or for every single part of it. The teacher can decide if the student should be controlled in a lock-step fashion, thus dictating the pace of the lesson (test etc.), or allow the student to set his own pace through the lesson (independent study).

TAP lessons can contain a variety of components such as:

- Teacher comments or instructions
- Listen-respond (drill) exercises
- Simultaneous Interpretation exercises
- Automated web page access
- Automated application launch
- Multiple choice response analysis

To supplement the Teacher Authoring Package ASC provides the D.A.V.I.D. Master and ASC Digitizer application allowing the teacher to create multi media lessons from video clips, audio files, records, pictures, text and digital documents.

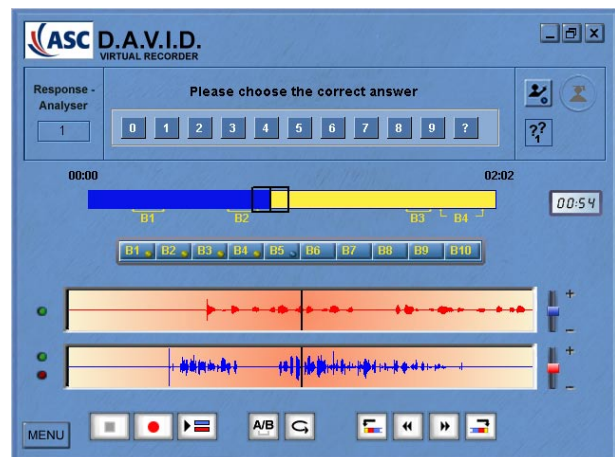
Easy preparation of lessons and exercises

TAP lessons can be prepared quickly with little training or need for programming skills. It's easy to convert your analog tapes to digital files with the Digitizer. These files can be stored in the network server for quick and easy access. Designing your own multi media lessons, using common types of documents without being restricted to a single lesson media content is easy.

The D.A.V.I.D. Master is the art director, combining all the different Multi Media components to one fascinating and motivating learning event. All you need is the D.A.V.I.D. Master and the various multi media content. Professional TAP file lessons containing a variety of "seamless" digital media can easily be generated by novice teachers.

Teacher Authoring Package - Summary

- A simple to use authoring tool for digital exercises and automatic editing from analog sources
- Open architecture with the integration of all major document standards (wav-audio, avi- and mpeg-video, MP3 etc.), as well as browsing in third-party documents with their third-party applications
- Integration of the internet and the HTML file format
- Time limit setting for the complete lesson or each individual exercise
- Free navigation within a lesson or "lock-step" test mode, for operation in a set and timed order
- Multiple choice exercises with visual and audible subtitles
- Three answer types in multiple choice mode: one or more correct answers out of a set of answers, or independent expression of a textual answer



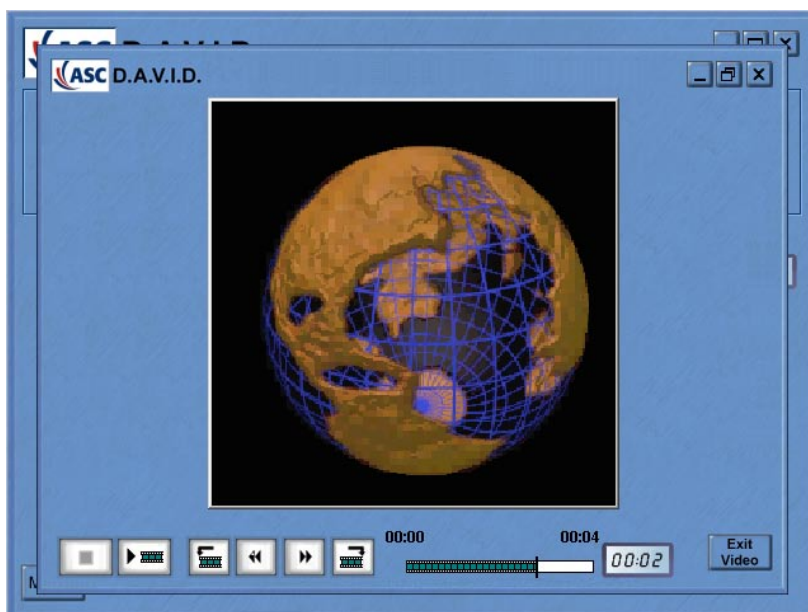
Take advantage of approved material

If you have a lot of learning material on analog tapes the Digitizer would assist you by converting the analog sound to digital files. It takes only one step to convert a pre-existing audio file to a completely digital file. In three additional short steps you can create a TAP-document with several question/response blocks.

The D.A.V.I.D. can either run in a full featured ESPRIT, an ESPRIT LE or an individual library use PC.

System requirements for D.A.V.I.D.

- Multimedia PC with operating systems WINDOWS'95/98/2000/XP or NT
- Pentium processor 200 MHz or faster
- Min. 16 MB RAM and 100 MB free disk space for audio files
- VGA adaptor for resolution of 600 x 800 or higher (65535 colours)
- SoundBlaster™ compatible soundcard (enhanced full-duplex)



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Subject to change without notice. Please note that the maximum channel capacity is only valid under standard conditions. Depending on the usage, the complexity of a specific configuration, and the number and types of software applications installed, certain restrictions may apply. Please contact ASC for further information.

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