

Language Laboratory System



Digital Language Laboratory (DLL) is the **first three-in-one (Audio + Visual + Exercise) multimedia language laboratory software system** designed for modern languages instruction and self-directed language learning.

- **SUPPORT** language teaching with prepared coursework, real-time recording and creation of multimedia content;
- **FIT** for Self-direct language learning;
- **REPLACE** all expensive equipment and clumsy cables as in the traditional language laboratory.

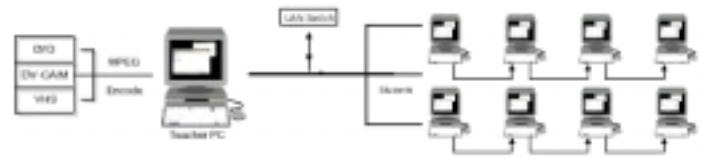
WHY DLL?

- "It's communicative, practical and enjoyable ..."
Gary, C (student, Open University Hong Kong)
- "... as compatible as the traditional Language Laboratory ... even better in terms of control and function ..."
W. Lewis (Lecturer, Nottingham UK)
- "...development of grammar and vocabulary through interactive tasks in the system is incredibly handy..."
Esther, C (secondary school teacher, Hong Kong)

Digital Language Laboratory (DLL)

Outstanding Features:

Support Multi-Operation Modes



1. **Real-Time Teaching Mode** - Allow teacher to provide and record voice, video and exercises in real-time. *This is the easiest and most time saving approach for teachers to prepare teaching content.*
2. **Material Teaching Mode** - Allow teacher to deliver a lesson with prepared coursework including audio files, video clips and exercise data, etc. *It is convenient for repeated training on the existing teaching material.*
3. **Self-Learning Mode** - Allow students to learn languages outside the language laboratory with a laptop or PC (imagine you are in the traffic or at home).



Excellent Sound Quality

DLL provides a real-time playback effect with excellent sound quality.

AAC Compatible

DLL fully complies with the AAC and AACC standard.

Support Repeated Recording

Repeated listening and recording on the coursework is possible without deteriorating the original sound quality.

Automatic Oriented

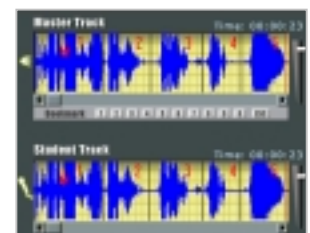
DLL automatically synchronizes voice, video and exercise tracks. It allows unlimited bookmarks on editing.

Group Discussion

DLL allows teacher to form random groups or pairs for voice conference, text chat and individual group recording.

Text Synchronization

Create subtitles or text messages that synchronize real-time display or as bookmarks in the course context.



Full Control

Teacher has full control over student's DLL in "Network Mode".

All-in-one Storage Architecture

DLL automatically saves the video file, audio file, exercises and bookmark index in one file under a project name.

Support Multi-Culture

DLL is developed with a multi-language pack that fits users of different languages.

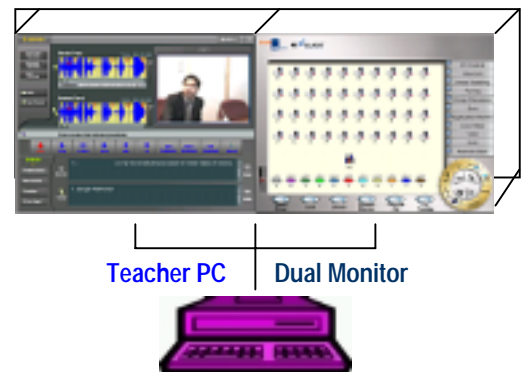
On-Line Help

Teacher can intercom with all students anytime in the DLL environment.

Go and Plug-in

DLL can be used with the **eX-Class management control system** as a plug-in so that more can be done in class

- Multi-language support
- Broadcast teacher's screen, video & audio
- Monitor student screens & audio
- Remote control student workstations
- Share student's screen & audio
- Assessment (Quiz)
- Attendance Log
- Random Group/ Pair Discussion
- File transfer & collection
- Application Monitor
- Application Blocking
- Internet Access Blocking
- Remote Power On/Off
- Multiple classroom layouts



Why DLL?

Easy to use - DLL is equipped with Artificial Intelligence Analysis™ technology (AIA). The built-in coursework detector in learner's station analyzes and bookmarks the inserted coursework, automatically locate and open exercises for the student user. The voice sensor in learner's recorder pauses the recording whenever the learner stops producing an utterance.

Compatible - DLL replaces all expensive hardware equipment and clumsy cables as in the traditional language laboratory and it is now 100% compatible in control and functions with the old systems.

What's more, as a teacher operates it in LAN environment (Network Mode), it brings a genuinely interactive teaching and learning environment - combines discussion, video presentation and exercises to the classroom.

Suitable for all - DLL is developed on SLA research findings to suit the prevailing spectrum of teaching methods and learning styles of language learners.

Genuinely Multimedia - DLL is a state of the art multimedia system. It supports and reads most Audio and Visual teaching materials. It is easy to migrate other multimedia courseware to the system. Materials creation is never a laborious work.

Learn with Context - DLL Exercise Engine helps you build your Content-based coursework. Learning with DLL is fun and effective.

Cost Saving - You are paying less for DLL when compared with that for the traditional Language Laboratory.

| Cost Saving | | | | |
|-------------|--------------|-------------|----------|----------------|
| Purchase | Installation | Maintenance | Learning | Future Upgrade |
| 50% | 70% | 90% | 50% | 80% |

Upgradeable - DLL is a purely software application and is upgradeable.

Cross Platform - DLL runs in any network and Operation System. Apart from the LAN version, you can migrate DLL to your Internet platform for e-Learning delivery.

Language Lab Accessories

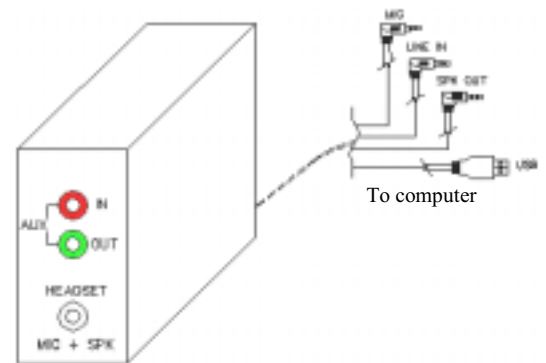
Language Lab

Multimedia Headset and Audio Box are designed for high-quality sound transmission in language learning, allowing teacher and students to hear their voices (side-tone) clearly during practice of pronunciation, group discussion or intercom session.

Audio Box

Audio Box is designed to enhance sound quality for an effective language learning with its side-tone generating function.

- Inside stereo amplifier
- Hardware side-tone generator: students and teacher can hear their voices (side-tone) clearly during the practice of pronunciation
- Aux In/Out extension
- Noise reduction: reduces the noise generated from computer hard disk



Multimedia Headset



- A headphone/microphone combination unit
- The microphone only allows 90 ° adjustment, preventing improper use by students and minimizes maintenance problems

Headphone

| | |
|----------------------|---------------|
| Impedance: | 110ohm ±15% |
| Sensitivity: | 110db ±3db |
| Frequency Response: | 20 – 20,000Hz |
| Maximum Power Input: | 100mw |

Microphone

| | |
|---------------------|---------------|
| Impedance: | 2.2kohm |
| Sensitivity: | -47db ±2db |
| Frequency Response: | 30 – 16,000Hz |



PRO-ONE AV Controller

- An integrated AV controller designed to provide a seamless switching between AV equipments, a high-quality stereo mixer with amplifier, a sophisticated stereo Automatic Gain Controller (AGC) and an IR infrared learner / infrared Control by PC.
- Using with a software panel to operate all AV equipments, e.g. VCR, DVD, VCD, projector and cassette tape recorder



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