A Frontier of the Digital Interactive Education System

Multimedia Language Lab System
## Company Status

### Establishment
- Year 1973

### Major Business Items
- Language Laboratory System & Equipment
- Multimedia System & Equipment
- Educational Scientific Instruments

### Location & Organization Structure
- Headquarter: 72-10, Shingyoung-dong, Chongno-gu, Seoul, Korea
- Factory: 37-2, Wondang-dong, Seo-gu, Incheon, Korea
- 1 R&D Center, 3 Branches, 4 Local Agency

### Market Share
- About more than 60% of domestic market

### Special Note
- Certified and authenticated technology/system: ISO 9001, KT mark Q mark, Venture Enterprise, Patent No. 0733
- Stable and Firm Company Structure specially in Finance respect
- Awarded Gold Tower, 2001 which is conferred on the best exporters every year by President
- Accumulated know-how and well-qualified in implementing Large-scaled Project for developing countries
1980
Exported language learning instrument for the first time domestically as a winner in IBRD international competitive bidding.

1983.12
Was awarded the International Competitive Bidding for language laboratory equipment held by Ministry of Manpower, Indonesia and financed by IBRD amounting to US$ 866,986.

1988.03

1990
Concluded the first contract (US $12,125,000 equivalent) for Mobile Training Unit Project of Ministry of Manpower, Indonesia financed by Economic Development Cooperation Fund from Korea (EDCF).

1995.08
Concluded the second contract (US $14,375,000 equivalent) for Mobile Training Unit Project

1996.12
Concluded the contract (US$ 8,100,000 equivalent) for the Facility Development Project for Vocational Schools financed by EDCF with Ministry of Education and Culture of Indonesia to supply language laboratory system and educational equipment.

1997.10

2000
Concluded the contract (US$ 34,280,000 equivalent) for the Capacity Expansion Project of the Special Professional Education of Uzbekistan financed by EDCF with Ministry of Higher and Secondary Special Education.

2000.06

2002.10
Developed digital multimedia system, NuriNET Solution

2005.11
Completed the supply and installation of NuriNET II Solution for Salahaddin University, Iraq

2007.01
Nominated World-Class Products & Enterprise by Ministry Commerce, Industry & Resource

Present
Exporting to over 30 Counties worldwide
Product Summary

Classic Type
- OLC-5200 System
- OLC-908W System
- ML-500 System

Digital Recorder Type
- NuriNET AOD System
- NuriNET MPS System

Multimedia /Digital Language Lab. System
- NuriNET NF System
- NuriNET 2 System

PC Based Type

ETC.
- Electronic Board
- E-writing System
- AV equipment
**System**

- **OLC-5200**
  - Non-PC base

- **OLC-908W ML-500**
  - One PC for Teacher

**Special Feature**

- Very universal /traditional (Distinctive) computer-controlled or not

**Student Side**

- **Amplifier**
- **Recorder**
  - All functions of Amp. + Recording function

**Auxiliary Instrument**

- When teacher wants to use visual material or multimedia material in his/her teaching

- LCD Projector
- DVD Combo(VTR)
- TV
- Video Presenter
- Monitor
- … etc.

**Product Summary**

- Digital Student Recorder-equipped (Digitalization of OLC-908W Recorder mode)

- State-of-the-art solution operating on PC-networked(LAN) base
Environment with PC only for teacher (No PCs for students)
* Master control console perfectly controlled by teacher’s PC *

**TEACHER**
- Computer
- Operating Software
- Master Control Console
- Master Recorder

**STUDENT**
- Renovation Amplifier (ML-500)

**Features/Functions**
- Most typical LL system
- Perfect remote control
- Flexible seat allocation
- Simply upgraded by floppy diskette
  - Sending 4 different programs simultaneously and separately to each Group (No. 1~4 and self-study)
  - All call / Group call / Line call
  - Pair study / Tripartite Conference / Free Talk
  - Intercom / Monitoring / Model Voice / Auto(or Manual) scanning monitor
  - Book mark • Test and analyzing
  - Electronic board function for teacher
  - Enhanced quality of video & audio
  - Easy to change tape(analog) to MP3 file
  - More powerful class management function
  - Newly adapted large LCD status window
  - ... etc.

**Main Component**
- Material Input (up to 4)
  - Cassette Tape
  - Audio material from PC, CD, VTR, TV etc.
ML-500 AA System 1PC for 8 students

Master table for teacher (Upper)
Group study (Middle)
Group study (Lower)
ML-500 AA System

Master table for teacher (Upper)

1PC for 6 student's desk opens and shuts (1) (Middle)

1PC for 6 student's desk opens and shuts (2) (Lower)
Feature

ML-500

- Seat layout
- Function control windows
- Tool bar (shortcut icon)
- Menu bar
1. Menu Bar

1. Manager: Change User, Check Attendance, Student Database, Material Manager
2. Lesson Mode: Media Player, Web/File, DVD/VTR/TV Card, select teaching material source
3. Linked: Test, Media Producer, Contents, Recorder, Calendar
4. Help: Manual (for Manager & Student), Program Info., Additional for System Manger

2. Tool Bar (Shortcut icon)

<table>
<thead>
<tr>
<th>Icon</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>🎨</td>
<td>To output the sound through speaker</td>
</tr>
<tr>
<td>🎧</td>
<td>To deliver only teacher's voice to student headsets. If this button is pressed during transferring the media, the media is paused and only teacher's voice is delivered to student headsets. (But without pressing this button, teacher’s voice is delivered along with media sound during transferring the media)</td>
</tr>
<tr>
<td>🌐</td>
<td>To deliver teacher’s voice along with transferred media to student headsets.</td>
</tr>
<tr>
<td>🌐</td>
<td>Web/File browser to offer e-board function</td>
</tr>
<tr>
<td>🎥</td>
<td>Language education-dedicated Media Player for playback of video file/audio file, bookmark function and repeat study</td>
</tr>
<tr>
<td>🎬</td>
<td>To introduce VTR, Satellite TV, DVD as teaching materials into the class, using TV Card</td>
</tr>
<tr>
<td>🎧</td>
<td>To listen what is transferred from teacher PC</td>
</tr>
<tr>
<td>🎧</td>
<td>To listen what is transferred from teacher cassette</td>
</tr>
<tr>
<td>🎥</td>
<td>To listen what is transferred from DVD Combo</td>
</tr>
<tr>
<td>🎥</td>
<td>To listen what is transferred from auxiliary equipment, if any other external device</td>
</tr>
<tr>
<td>✐</td>
<td>To close the program</td>
</tr>
</tbody>
</table>
3. Function Control Window

**There are two teaching mode: for whole class and for Group.**

1. Class
   - Program Source: to display the current used among input equipment
   - Cassette Recorder: to control the cassette recorder PC
   - Send screen: to transfer teacher's screen
   - Headset: to transfer the sound through headset
   - AUX1(DVD): In case that DVD Combo is installed, to transfer its sound
   - AUX2: In case that the auxiliary equipment is installed, to transfer its sound others
   - Modeling: to transfer a student sound into all students or a group concerned
   - Intercom: Conversation between a teacher and a student
   - Pair Study, Oral Test
   - Volume Control: PC, Headset, Speaker

2. Group
   - Group concerned: to display No of Group concerned
   - Assign Group: to assign the students into groups
   * Other functions are same as those of Class Study mode.
4. Seat Display Window

In accordance with the seat arrangement in classroom, the seat layout is changeable to various form – hexagon, circle or line. It is easy to add or delete a seat, which allows the convenient re-arrangement.

• If a student makes a call to teacher, his/her seat color turns red like.
5. Media Player

* How to use the Media Player

1. Press the button ( ), the window for file open will appear. After selecting the video file you want to play, press [Open].

2. 
   - Play
   - Stop
   - Pause

3. If you want to distinguish the specific section, you can use the button .
   At the start point of section you want to distinguish, push the button and at the end point, push the button again and the button will be created and automatically linked to that block. Up to 5 blocks like can be set up by taking the same procedure as mentioned above.
   When you press one of number key 1~5, you can quick access to the block concerned.
   Pressing the button will release all of blocks.

4. Clicking will make whole files in the play list to be played unlimitedly and re-clicking will stop the unlimited playback. To stop the playback, click .

5. : Screen Adjustment (50%, 100%, 200%, Full). On the full screen, double clicking will make the screen to be return to natural size.
6. Web browser

This web browser is uniquely designed for supporting electronic board function.

1. Click [Web/File] from Lesson Mode on the menu bar or press .

2. The web browser window will be open and the way to use is same as MS Internet Explorer. Also, the document file is available within this web browser through clicking .

3. Some functions are supported, when using internet.

   To select Font, click .

   Pressing [Pen Mode] will execute the electronic board function like Picture No.

   To delete the written by electronic board function.

   To select the line thickness, click .

   To select the line color.
If video presenter, DVD Combo or satellite TV is installed, the video from such equipment can be used as teaching materials through this function.

Select [DVD/VTR/TV] from Lesson Mode on the menu bar or click .

For next operation, please refer to the way to use the program of TV Card or TV encoder installed in your computer.
8. Test & Evaluation

- Toolbar for changing the font-related
- Input multimedia source

To register the selected question at the Test Paper

Correct Answer & point each question

Evaluation result
8. Others (basic language lab functions)

Presentation mode. Teacher can allow a specific student to make a presentation to the whole class. So you can use the students voice as one of the teaching sources.
8. Others (basic language lab functions)

- Virtual recorder
- Mouse right button menu
- Oral test control panel
- Pair study control panel
8. Others (basic language lab functions)

- Registration memo or note as scheduler or reminder
- Calendar
- Oral test (interview)
  Teacher can give them a score during the interviewing or theirs speech
- Student’s DB manager
- Objective
- Contents
- Media Producer
- Recorder
- Calendar
Thank you!

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