# DBS Plus

## Digital Broadcast Teaching System

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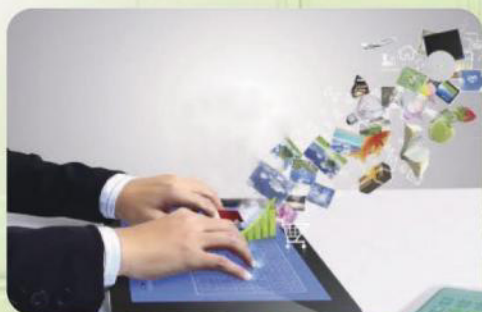didattici

DBS Plus, an innovative audio visual teaching system, engages teachers and students in a joyful and interactive learning environment. Offers tools such as **wifi-display (smart phone, tablet), dialogue, group practice, students demonstration, on-line test, prompt feedback, grade, help, roll call...,**etc that will keep students motivated and excited while they acquire the language skills even under non-PC based classrooms. You will not regret to get closer DBS-plus, the latest inspirational and effective pedagogical system.

## Featrues

### Wireless Broadcast Multimedia Devices.

With **brand-new touch panel** and **built-in blue tooth**, DBS-plus supports PC, laptop and tablet wireless broadcasting such as I-Phone / I-Pad / Tablet / Smart Phone / NB for teachers to easily present teaching materials with hand-held devices.

### Versatile Teaching and Learning

Address the specialized learning environment of language/computer lab by multiple tools such as broadcast, observe, dialogue, group discussion, darken, on line help, etc and delivery high-fidelity sound obtaining a fluent and free discussion.

### In-class Evaluation

Teachers can give paper-less exam as power point format by editing single/multiple choice, true and false questions and able to insert texts, video and audio files. Meanwhile, different exam mode such as **Competition, Interactive game, Anonymous Exam** and so on makes the leaning more interesting, lively and enjoyable.

### Support High Resolution Display

Support high **resolution up to 1920*1080** and sustain full motion guaranteeing excellent image quality for the materials including motion video and high definition graphics.
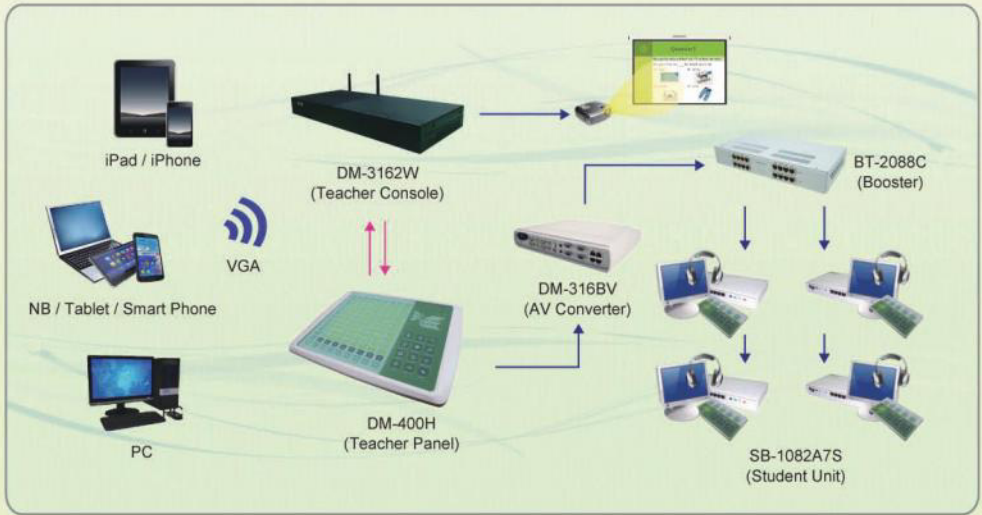
### Optional environment control

Enable a total classroom management such as projector, power, I/O relay (lights), curtain, screen control, etc by integrating with an optional device control box (PJ-108) facilitate the teaching and management.

## System Structure



- iPad / iPhone
- NB / Tablet / Smart Phone
- VGA
- PC
- DM-3162W (Teacher Console)
- DM-400H (Teacher Panel)
- DM-316BV (AV Converter)
- BT-2088C (Booster)
- SB-1082A7S (Student Unit)

## Component



| DM-400H Teacher Panel | DM-3162W Teacher Console | DM-316BV AV Converter (Optional) | BT-2088C Booster | SB-1082A7S Student Unit |

| Item | Model No. | Description |
|------|-----------|-------------|
| Teacher Panel | DM-400H | Touch Panel with multi-function keys |
| Teacher Console | DM-3162W | Teacher Unit to connect Teacher PC & Wireless Devices |
| AV Converter | DM-316BV | Expand 4 AV and 2 VGA devices |
| Booster | BT-2088C | Signal Booster with 8 ports |
| Student Unit | SB-1082A7S | Student unit to connect headsets, screens, PCs and DRS response keys.One box support two students' PC. |
| DRS Software | DBS Software | DBS Response System |
| DRS Key | DB-708 | DRS Response Key |
| KBM Control | KBM | Keyboard and Mouse control |
| Bus Cable | STP CAT5E | Shielded Twist Pair Category 5E Cable |

## Function

| Item | Function | Description |
|------|----------|-------------|
| **Interactive Teaching** | Multi-media Sources | Support PC, NB, tablet PC and multimedia sources like VCD , DVD player, camera, projector and so on |
| | Student Demonstration | Appointed student broadcast the audio and video to part/all students. |
| | Darken | Darken part/all students' screens to make them concentrate on class |
| | Help | Student can call for help |
| | Interactive Instruction | Remote control keyboard and mouse of assigned student to reach one by one instruction |
| | Exclude | Under teacher broadcasting, assigned students ID will be viewed as off-line and able to self control their PC |
| | Self Study | Student can freely choose the teacher broadcasting screen or self screen |
| | Roll Call | In class roll call |
| **Dialogue Practice** | Dialogue to Single student | The teacher can talk to appointed student |
| | Dialogue to all | The teacher can dialogue to all students |
| | Student Dialogue Demonstration | The teacher can broadcast appointed student dialogue to all/part students |
| | Group Dialogue Demonstration | The teacher can broadcast appointed group dialogue to all students |
| | Group Discussion | The teacher allow certain groups discussion |
| **Evaluation** | In- class Evaluation | In class evaluation to know about student learning condition |
| | Competition | Students who answer wrong for certain times (teacher can set the value) will fail the game and the last survivor will win. |
| | Interactive Game | The teacher can play on-line snatch and randomly pick student/ group to answer questions |
| | Anonymous Mode | Anonymous Voting |
| **Data Management** | Question Edit | Easy and fast edit questions on Power Point |
| | Class Management | Teacher can edit class group and student information on the system |
| | Answer Collection and Analysis | Automatically collect students' answers and calculate the score |
| | Import/ export data | Able to import/ export class information and grade report |
| **Environment Control (optional)** | Turn off Target PC Remotely | Able to turn off student PC remotely |
| | Restart Target PC Remotely | Able to restart student PC remotely |
| | Seat Arrangement | Set student ID according to the seats |
| | Projector Control | Control projector power switch |
| | Screen Control | Raise / put down / stop the screen |
| | Curtain Control | Open/ close curtain |
| | Power Switch | Devices power switch |