

Functions	
<b>Broadcast</b>	Real time broadcast video/audio/microphone to all/part students. Appointed student can transmit video/audio/microphone to the other designated student or back to teacher under teacher's control.
<b>Observe</b>	Monitor students' PC video and audio rotationally or respectively.  Observing interval is adjustable.  Pause on any student's screen and control it to guide or figure out problems while observing.  Additional monitor is available at tutor side to observe student's screen without interrupting tutor's PC operation.
<b>Dialog</b>	With headsets and among any function executed, all/the selected students can dialog with each other based on the crystal clear and no delay sound quality.
<b>Group</b>	Classify students up to 8 groups as self practice.  Appointed student's leader can broadcast his video/audio/mic., to demonstrate to his group members.  Group members can talk to each other freely.  Teacher can join every group's discussion at any time.  Teacher can observe every student's leader screen sequentially or pause on certain one of them.
<b>Help</b>	Press help button and call teacher for help immediately.  Feedback the appointed student by microphone even to control his PC to solve the problem.
<b>Darken</b>	Have all/part students' PC screens into full black images to draw students' attention at any time.
<b>Talk II</b>	Two students who share the same student box can talk to each other directly.  Teacher can join the group discussion freely.
<b>KBM</b> (Keyboard & Mouse control)	Tutor can remotely control selected learner's PC (keyboard and mouse) to obtain real time demonstration or correction.  Selected learner can control the other learner's or tutor's PC under tutor's command.
<b>Center Monitor</b>	Additional monitor can be set in two students who share the same student box.  Students follow teacher's instructions from center monitor and work on their computer workstations at the same time.
<b>AVC Converter</b>	By combining an optional AVC Converter, additional 4 AV and 2 VGA devices can be integrated at teacher side; teacher can choose any signals of them to all or part students.



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# DBS

## Digital Broadcast Teaching System

Language Lab

Computer Lab

Classroom Management



**SINEW**  
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DBS System, a state of the art system, over 30,000 successful installations worldwide, creates a highly interactive in an easy-operated environment whether in language acquiring or in computer classrooms.

DBS transmits exquisite video and audio quality to any counterpart in real time. With the abundant and practical functions, **Broadcast, Demonstrate, Observe, Darken, Dialogue, Pairing Talk, On-line Help Call, Remote Control, Grouping function...** DBS have both tutors and learners being motivated and joyful in teaching and learning. Utilizing STP-CAT5E cable contributes to easy installation, superb signals and saves burdensome implementation cost.

Getting closer to DBS and you will find the dream teaching system.



## Features

### Versatile Teaching and Learning

DBS addressed the specialized environment of language lab/computer lab which provides broadcast, observe, dialog, group, darken, talk ll, calling teacher for help functions, and etc... Support three directional (video, audio, and microphone) broadcasting. Instructors and learners can broadcast all/part signals to appointed counterpart(s) each other.

### Superb Audio Quality for intercom and pairing activities

Unlike software-based products that introduce signal delays, generate echo, and restrict audio bandwidth, DBS deliver high-fidelity and crystal clear sound that allow instructors and learners discuss fluently and freely during the class.

### Support high resolution display

DBS supports maximum 1600\*1200 high resolutions and sustains full motion which guarantees excellent image quality for all content, including motion video and high-definition graphics.

### Elastic Group Management

Enhanced group function that divided students up to 8 groups and teacher can assign different activities or in discussion and conversation to each group depends on teaching or learning situation.

### Multimedia Integration

Able to expand additional 4 AV devices (DVD, VCD...) and 2 VGA facilities (PC laptop, Document Camera...) to reach more multimedia signal playing.

### Central Monitor for Students

Auxiliary monitor can be set to receive teacher's broadcasting materials between two students while students still can operate on their own PCs to maximize learning efficiency.

### High Compatibility to any Operation System

Pure-hardware structure is compatible with all operating system in the market.

# DBS Digital Broadcast Teaching System

## Components



**DM-400D**  
Teacher Panel



**DM-3162D-A5S**  
Teacher Unit



**BT-2088**  
Booster



**DM-316BV**  
AVC Converter



**SB-1082A-A5S**  
Student Unit



**BSNT**  
Keyboard & Mouse Control

## System Structure

