

The multimedia solution
for IT classrooms

Professional Communication



Flexible and direct communication between participants and instructor on a training course is the fundamental requirement for success.

With its number of didactical characteristics the use of an educational video system is the best foundation for an effective communication.

videodidact® Select is a pure hardware solution resulting in substantial characteristics, easy usability, max. quality of image resolution and operational reliability.

With the touch of a button **videodidact® Select** transmits screen images in real time, without any delay.

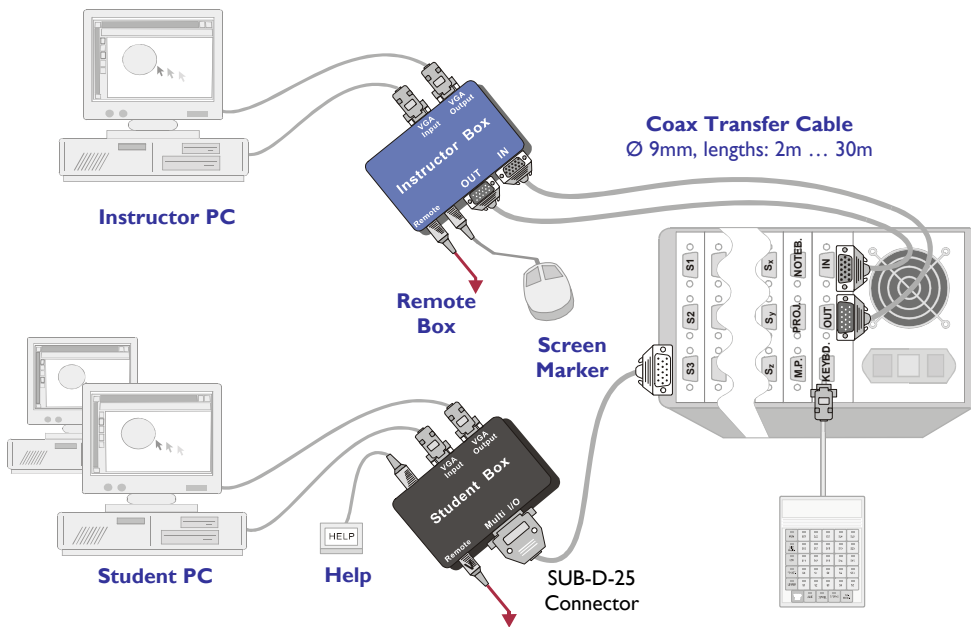
The combination of extensive basic functions and a number of optional functions (up to a language lab) turn **videodidact® Select** into an ideal tool wanted by every instructor.

Advantages of the videodidact Select System

- 100 % independent of the hardware, software and operation system already in use
- No further costs for updates, service and maintenance
- No influence on network resources, no incompatibility
- Highest level of security in operation and against failure
- Maximum image quality at all screen resolutions and frequencies
- Image transmission in real time (without delay), even within large rooms
- Optimum viewing positions for all workstations, even in the back rows
- Great attention of the participants
- Increased student motivation due to individual presentations
- Easy to use; no previous knowledge or training necessary

Made to learn!

System Structure



videodidact Select Unique Features

- **Technical Configuration**

videodidact Systems are built with star topology cabling. Even with local networks (LAN) this type of wiring has asserted itself. It guarantees the highest operational safety as well as assignment quality (also with large systems)!

- **Operational Safety / Failure Safety**

The functional ability of the PCs, monitors, keyboards and mice remain 100 % unchanged even when the video net is turned off. No change of cabling needs to be carried out. Videodidact will therefore never be the reason for the failure of a lesson.

- **Maximum Screen Transmission Quality**

The screen transmission is of maximum quality due to the direct "point to point" contact of the transmitter of a picture to the selected receiver. As is usual with bus- or ring solutions, with the star topology solution the signal is not being dragged by video boxes and plug contacts on the way from the transmitter to the receiver.

- **Modular Extendibility**

videodidact systems are modularly expandable with additional student links or optional functions. As manufacturers we ensure that new functions are compatible with former systems. Therefore a system can be upgraded even after several years.

Basic Functions



The use of a videodict® Select System is carried out by the instructor's keyboard. Each function is performed with the touch of a button.

The keyboard layout is set up individually as per the seating arrangements of your classroom. All functions are clearly marked, special functions in different colors.



videodict® Select
Instructor Keyboard

Available in 5 different sizes,
for up to 60 students



videodict® Select
Fitted Keyboard

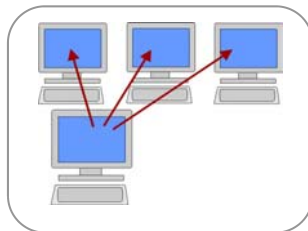
Fitted faceplate,
brushed aluminum



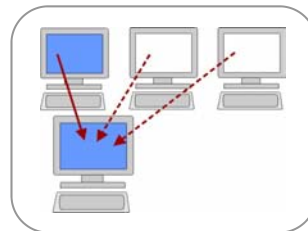
videodict®
Wireless Remote Control

Six basic functions for remote
control from every position within
your training room

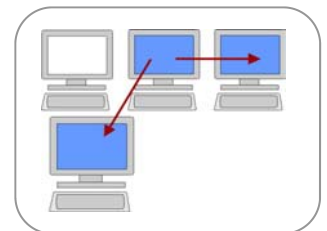
Screen Transmission



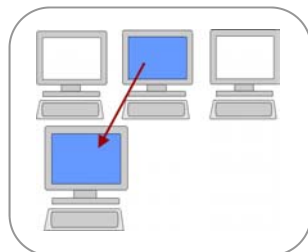
Instructor sending screen image to
all students, a group, or to a single
student.



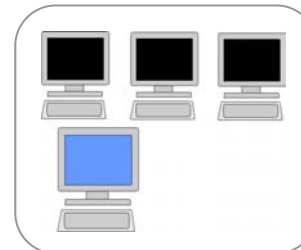
Instructor retrieving students
screen image.



Screen image of any student is
transmitted to all students, a
group, or to a single student.



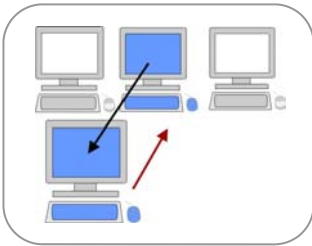
Instructor automatically retrieves
screen image of students (in
cycles) including „pause function“
for longer access.



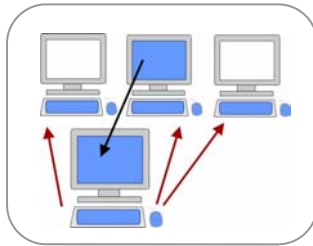
Instructor blanking monitor of
single students or of all students.

Optional Functions

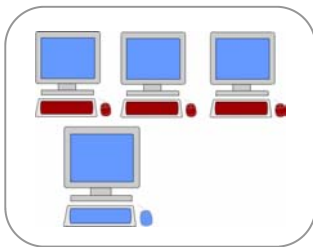
Remote Control & Lock of Keyboard and Mouse



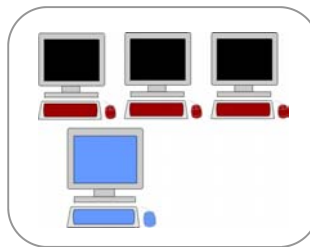
Instructor retrieves student's screen and controls his/her keyboard and mouse interactively



Instructor retrieves student's screen and controls keyboard and mouse of all students simultaneously



Instructor locks keyboards and mice of all students or a single student.



Instructor blanks monitors and automatically locks students keyboards and mice.



Single Remote Control

videodidact® Select offers the optional opportunity to remote control individual student workstation. Due to the "interactive" function of the Remote Control the students' keyboards and mice remain available. Student and instructor can both work on the student's PC.

Remote Control All (Supervisor Function)

The Supervisor Function is important for maintenance and installation of all workstations. With only one keystroke the instructor has access to all PCs attached and can operate all computers with his keyboard and mouse at the same time. An ideal tool for administration work.

Locking of Keyboards and Mice

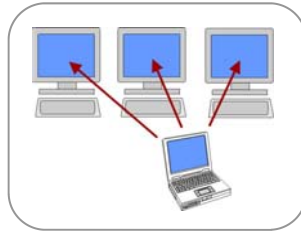
The lock of keyboards and mice is activated automatically if the respective workstation receives a VGA signal. For Example: If the instructor sends his screen image to all students, then mice and keyboards are locked. A lock of an individual student is also possible.

Blanking Screens

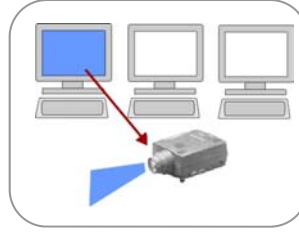
In order to increase the students attention, a single student, a group, or all students' screens can be blanked. The corresponding keyboards and mice are locked automatically.

Peripheral Devices

Peripheral Devices such as projector, notebook, interactive whiteboard, etc. can be integrated to the **videodidact® Select** system.



Central integration of a notebook (or server) for projection to the students.



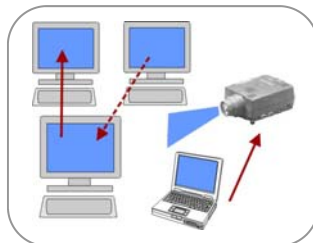
The screen image of a student can be shown over a projector to all students.



Integration of further audio visual components such as CD, camera, sound card, VCR, etc.

Advanced System

ADVANCED Function (Simultaneous projection)



In connection with the optional **ADVANCED FUNCTION** (subject to notebook and projector in use) the instructor can multiply ways of presenting his tasks (Matrix Switcher Function).

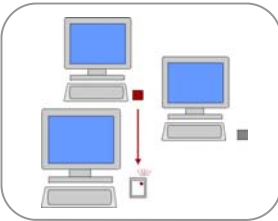
Extended range of functions:

- Transmission of the notebook screen to all student screens while **simultaneously** transferring the instructor's screen onto the projector.
- Transmission of the notebook screen to a projector while **simultaneously** viewing a student's screen and transmitting it to all other students.
- Transmission of the instructor monitor to the projector while **simultaneously** supporting students with the interactive remote control function.
- Transmission of the instructor monitor to all students while **simultaneously** transferring notebook screen to the projector/LCD/Plasma.

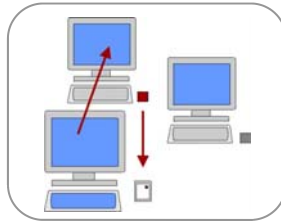
Help Button & Screen Access

Help Button for Students

The call for help offers every student the possibility of getting in touch from his/her desk with the instructor. The instructor is being notified on the videodidact® keyboard by an acoustic and by a visual signal once a student pushes the "Help"-button. The instructor can give support by using the video transmission and the remote control. All help reports are being collected and shown until the instructor either deletes those by **VIDEO OFF** or until the instructor presses the respective student button.



Student pushes Help Button to ask support from instructor. The instructor receives acoustic signal and the number of the student calling starts blinking on the keyboard.



Instructor releases his screen (or screen of any student) for viewing to all students. The students can retrieve the teacher's screen by pressing the Help Button.

Screen Access

With the **SCREEN ACCESS** button the instructor can individually release his screen for viewing to all students. The screen image can be picked up by each student when pushing the **HELP**-button. Pushing the button again, the student gets his/her screen image back. If a student is chosen as sender on the videodidact® keyboard this student's screen image is then retrievable instead of the teacher's screen image (assistant teacher function).

Screen Marker (Highlighter)

The instructor can use the **highlighter** to emphasize specific areas on his screen image. The highlighter can be altered in any shape and size, with four optional colors.

As „**textmarker**“ the highlighter can be used for marking any area on the instructor's screen, for drawing the students attention to a specific text selection, or for marking details of graphics, etc.

videodidact Select Coupled System

Optionally the **videodidact® Select** coupled system is available. This system enables you to control several training rooms with only one videodidact Select keyboard.



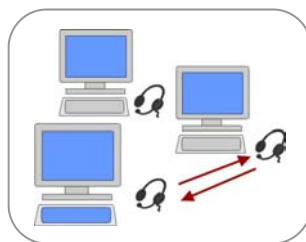
Audio Line (Stereo Language Laboratory)



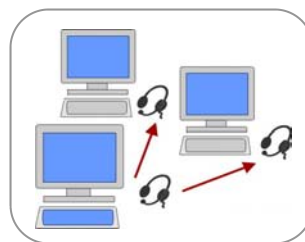
The optional **Audio Line** turns your classroom into a multimedia language lab. The voice transmission from or to the individual students is automatically coupled to the screen transmission. No further operation steps are necessary for the voice communication.

The connection of external audio sources (sound card, DVD etc.) to the EBS audio box is provided at every workstation.

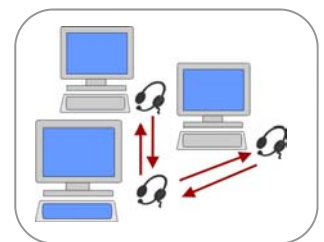
We offer both a high-quality microphone-headphone set (standard) as well as a more reasonably priced alternative. A connection of existing head-phones or headsets is also possible.



Instructor having a dialogue with one of the students.



Stereo sound of instructor (or reproducer) is being sent to all, a group or a single student.



Instructor conferencing with a group of students.



Scope of Operation:

- Instructor (recipient) receives sound of student (sender) whose screen image is currently being received. In combination with AUDIO the dialogue between instructor and selected student (sender) is being activated. Further students can be added as recipients.
- Dialogue between sender and recipients (conference).
- Sound transmission of instructor to all students, independent of video transmission.
- Perfect basis for multi media applications.

videodidact USB Whiteboard-Connection

An interactive whiteboard can now centrally be integrated to the videodidact systems via a USB-Connection box. With the touch of a button, each student can project onto the whiteboard and simultaneously be connected to USB. Via the board each student can now work on his/her workstation and start a presentation.

In an interactive and didactical way the connection of student places, whiteboard and beamer via the videodidact system increases your classes, seminars and conferences tremendously.



Advantages for teacher/lecturer and students/participants:

- Central and efficient use of an interactive whiteboard
- Connection of the whiteboard to each PC within training room
- Active integration of students/participants
- Each student/participant can do presentation over the whiteboard
- Advantages of whiteboard useful for all participants
- Independent of manufacturer, model and size of whiteboard





*Your Partner for Training
& Presentation Systems*

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Euchner Büro- und Schulsysteme GmbH
Educational & Business Systems

Ernst-Leitz-Str. 3 · 63150 Heusenstamm · Germany
Phone: +49-61 04-9 63 85-0 · Fax: +49-61 04-17 83
e-mail: info@ebs-euchner.com · www.ebs-euchner.com

