

THE DENTAL  
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## Multimedia-Collaboration-System

# Enhance communication with your students

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# Support Your Teaching

## Multimedia collaboration system

### Enhance communication with your students

Practical experience for students is essential, especially in health sciences. The easiest way to gain practical experience in a higher-education setting is using a simulation lab. The biggest challenges in a simulation lab are visibility, distractions and instructor accessibility to all

devices. The award-winning alphadidact® digital system allows instructors at the touch of a button to share real-time, high-quality images from any device on any screen in the classroom. This enables the instructor to check up on student progress, share, collaborate and monitor.

### Advantages for lecturers

- Increase the quality of presentation
- Increase and focus the attention of students
- Encourage interactive collaboration
- Connect and cross-link all devices: Intra-oral cameras, microscopes, notebooks, tablets, displays, and projectors
- Record a step-by-step-operation for playback purposes (lecture capture)

### Advantages for students

- Optimum view of tutor activities on own monitor
- Perfect audio communication with the tutor

### Advantages for universities

- Maintenance free
- Can be used with almost any hardware and software
- No cost intensive IT infrastructure investments
- 3 years international warranty

### Control all media devices via one control panel

- Video camera
- Projector
- Notebook
- Microscope
- Students' and master monitor
- Audio
- iPhone

## Case study

### University of Ulm, Germany

When the University of Ulm in Germany replaced their simulation units in 2014, they were convinced by the custom-made solution offered by Dentsply Sirona. After a detailed needs analysis and planning process, 42 simulation units for dental students, 1 master unit, and 35 units for dental technicians were installed.

To further enhance the high-quality education, all workstations were linked using two alphadidact® digital multimedia-systems. The system facilitates image transmission of digital cameras

and microscopes, or of an inter-oral camera to the monitors of the individual workstations, as well as to projectors and large-screen displays. It ensures every student has excellent viewing conditions and class time can be used most effectively.

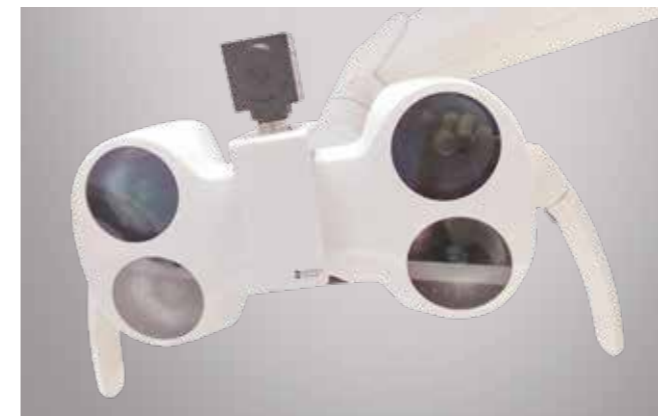
Additionally, the alphadidact® digital also handles two-way audio communication in the simulation room via a headset, minimizing distractions and enabling an easy one-on-one interaction.



Transmission from microscope or video camera to monitors

### What makes the alphadidact® digital multimedia system so outstanding:

- Extremely easy and intuitive to use
- Highly reliable
- Very high image quality with no compression and change of colors
- No lag – digital image transmission in real-time
- Very flexible integration with most modern devices
- Highly secure
- Hardware based for independence from IT infrastructure



### Easy attachment of a video camera onto the operating light

Any off-the shelf video camera can be easily attached to the operating light LEDview Plus, making it an efficient solution for educational purposes (live-broadcast and documentation), as well as for patient communication.