



● **Multimedia Conference System**

**A perfect mix of
technology and performance**



Realtronix

Digital Advancement in Conference System

With Realtronix ADC2000, you benefit from years of experience and expertise in a new generation of digital conference system. The sophisticated design combines with the advanced technology to offer simplicity of management and convenience for communication. The ADC2000 is an integrated system that automatically control and manage the audio and visual features including lighting, curtain control module, card reader and even access control system on a centralized management platform. It is optimised for full-scale conference to group discussion, yet still benefits from the ease of control and efficiency of management.

All-in-one Platform Delivers Scalability

The Realtronix ADC2000 brings effective management of conference into the digital age. It is highly scalable and compatible that protects your total cost of ownership and maximizes your return on investment. What's more, the core of ADC2000 is a multi-functional control platform where you can simultaneously manage the discussion system, dome camera, active-voting system, SI (simultaneous interpretation) system, video switcher, LED display and electronic registration system. The design philosophy of Realtronix products is to cater the actual needs of users. From the fundamental to the most complicated system integration, you can expand the system gradually according to the needs without replacing any part of the system. Giving more scalability, ADC 2000 is the ideal choice for rapid and easy communications today and for tomorrow.



■ ■ Central Unit

The CU2000 Central Unit is the core of ADC2000 multimedia conference system and the hub for real-time data processing and exchange. It also provides power to all microphone units. The kernel of CU2000 is a 32 bits high speed RISC central processor that guarantees the stability and performance of the ADC2000 system. Each ADC2000 can support 128 conference units. You can simply cascade several CU2000 with a maximum of 1024 conference units to form a more powerful system according to your needs.

Integrated with the built-in telephone coupler interface, you can easily plug in a telephone for telephone conferencing. In addition, the echo-canceling technology enables a bi-directional discussion without any annoying echo and noise. With three programmable AUX ports, you can freely expand the ADC2000 system with third party products that support RS232/422/485 standard and go with appropriate drivers like dome camera, IC card reader, curtain control module, etc. What's more, CU2000 is intelligently designed for monitoring real-time activities. When there is a computer failure, CU2000 can proactively override the computer to guarantee un-interrupted continuity of conference.



CU2000

"An advanced conference system enables us to improve efficiency and productivity with its easy to use and future-ready functionalities. Conference is no longer time-consuming and ineffective."



Advantages of Realtronix :

- **Reliable and stable:** real-time data processing and voice transmission thru user-friendly interfaces enables an efficient and reliable communication. The sophisticated design caters for every need of the users.
- **Scalable and Compatible:** step-by-step expansion by modular approach that can be easily compatible and upgradeable without replacing any system.
- **High audio quality:** built-in noise filtering and echo-canceling features ensure the accurate message delivered without signal corruption and interference.
- **Easy to manage:** centralized management, user-friendly pull down menu and user interfaces

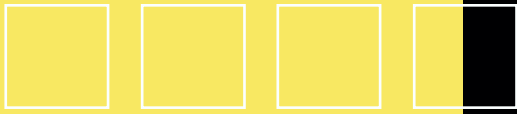


VS842



VS842

Realtronix VS842 video switcher with 8 inputs, 1 quad/full output and 1 full output. It is fully automatic and is specially designed for conferencing venues.



DSE2013 Chairman Unit not only possesses the same functionalities and appearance as the delegate unit, but also a privilege function - mute. The chairman is able to de-activate all other delegates' units by pressing the mute button. When it is released, delegate units do not resume to previous mode the chairman's unit will be resumed to previous mode. Giving the chairman a top priority and controllability to the conference.



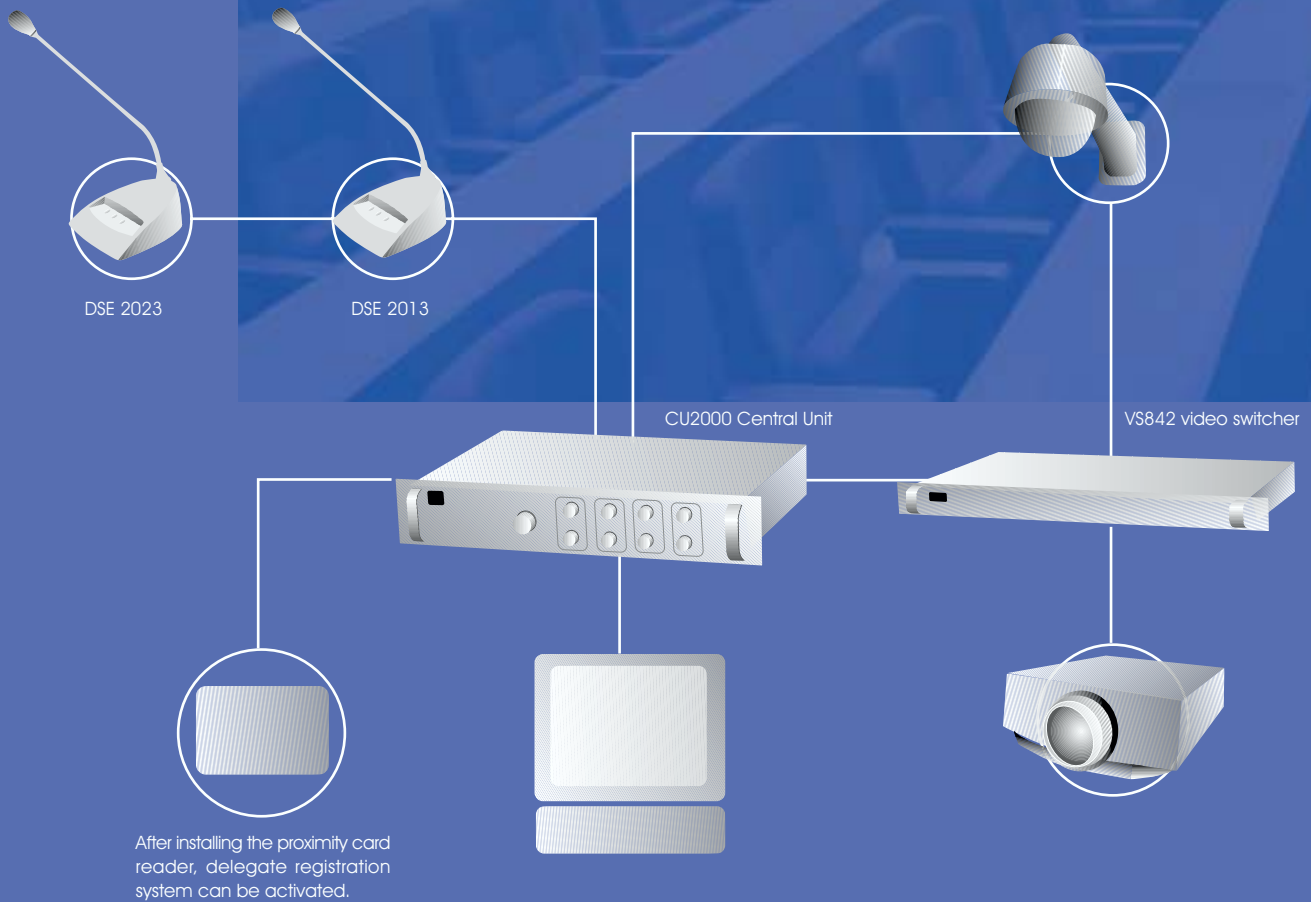
DSE2023 Delegate Unit is ergonomically designed for conference delegates with a flat micro switch buttons and semi-transparent "light-guide" voting keys, making it robust yet sophisticated combination. The contemporary design with black and sleek unit brings the convenience, ease of use and excellent interoperability to any occasion. All the conferencing units deploy an exclusive technology of low frequency recovery by Realtronix. Every unit comes with two stereo headphone sockets that allow two delegates to share one unit at the same time. It also allows recording by using one of the headphone sockets. Right sized capacity and scalability to meet your needs.



"A rich multimedia conferencing experience for collaborative communications empowers us to make the right move towards success."



Schematic of ADC2000 System



Flush mount version



Voting panel



Microphone panel



IC card reader panel



Loudspeaker panel

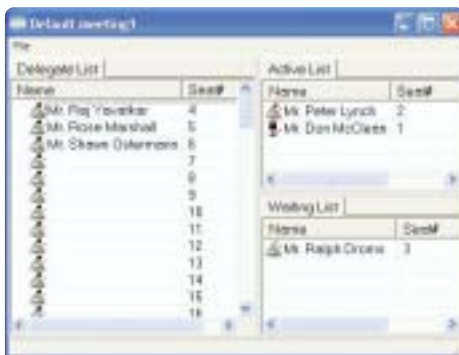


Multifunctional conference box

Conference Management Software

You can extend the functionality of the Realtronix Multimedia Conference System and simplify the operation with dedicated **ADC-Pro Management Software**. ADC-Pro is an object-oriented software platform integrated with ADC2000 to optimize the functionalities of **speakers, microphones, dome camera, projector, lighting control, electronic voting, automatic control, card reading, simultaneous interpretation, databases** and more. What's more, ADC-Pro is a centralized system to simplify the complexity of the system integrations. The system operator can easily control, monitor and manage the whole conferencing system through the user-friendly graphics interfaces automatically at a fingertip. Impressed by over ninety-four percents operators who spend only fifteen minutes to learn the skill of managing the conferencing system, there is another proven record to demonstrate how easy the ADC2000 can be managed with the support of ADC-Pro.

ADC-Pro consists of five modules that give you a true and feature-rich conferencing experience.



List Control

List Control Window provides an effective and convenient tool to manage delegate's requests in an intuitive interface that shows the seat number, name and speaking priority of each delegate. It allows operator to override internal settings interactively such as changing waiting sequence and request priority. Also, the operator can choose the representatives from the databases into the conference unit.

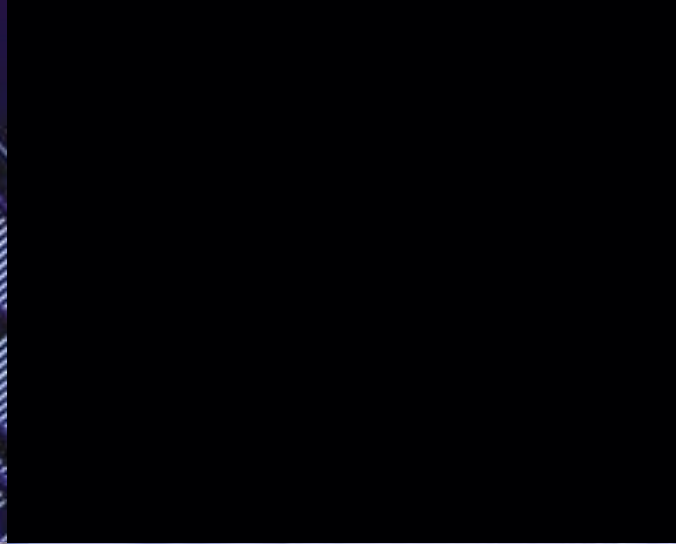


Synoptic Control

Synoptic Control Window is a fascinating and powerful tool to manage conference units by user-friendly graphical icons. To capture a full picture of the conference, the operator can simply drag and drop the icons to track and monitor the operations and conditions of conferencing units. Aerial window is a complementary tool to synoptic window. It allows operator to monitor the overall operation of the conference hall and to move the Synoptic Windows' view to cater the delegate's request quickly.



A rich multimedia conference system is a cost effective way of bringing order and structure to conference. Less tiring meetings but more constructive discussions.



■ ■ **Camera Control**

Camera Control Window is where you can monitor the automatic tracking system. Operator can monitor the video outputs and to adjust the camera settings in a real-time manner via interactive ADC-Pro. The operator can set up the location in advance and then the camera will track the delegates or chairman automatically when they speak. Together with Realtronix' VS842 automatic video switcher, the conference system can now support up to 8 cameras and provides 2 full screen video outputs. Also, the operator can monitor the display and adjust the camera parameters including aperture, focus, zoom and location easily under the camera control window.



■ ■ **Systems Setup Module**

To simplify the complexity of the system setup, the operator can utilize this module to automatically detect the system hardware and pre-set the suitable parameters that can also be re-set manually by the end-user. This module has the delegates' databases that can stipulate the personal data, voting weight, request priority and pre-set location for video and camera, etc of each delegate. When the parameters are fixed, the operator can arrange the seating plan by using the mouse to drag and drop.



■ ■ **Voting Management Module**

Designed for interactive voting purpose, Realtronix allows the user to customize, preview and test the subject or question quickly with this module. You can design the background color, locations, fonts or graphics freely without any limit to the number of questions. To capture the attention of each delegate, you insert the external text box or graphics box to furnish the subject or question. In addition, there are lots of voting methods you can choose from the system such as named or unnamed, voting weight, quoruming etc. The voting result can be presented in any form of graphical charts in 2D or 3D presentation that can be output to projector or LCD actively. You can also choose to show the results in a real-time manner or a specific time after the conference. The final results can be printed, saved or exported to third party software.

Powerful yet affordable

Realtronix breaks a new ground with an integrated approach for communications. The savings in total cost of ownership is obvious and the flexibility is increased. The high-quality conferencing systems from Realtronix are backed up with comprehensive maintenance service and training support. You can customize your own conferencing system that best suits your criteria whenever and wherever you need it.

Realtronix

Room 2118, Corporation Park, 11 On Lai Street, Shatin, N.T., H.K.

Tel no: (852)27930390 Fax no: (852)31079225 Website: www.realtronix.net e-mail: info@realtronix.net

