



# Sony Virtuoso™ Major Digital Language Learning System

## The Virtuoso of Teaching Tools

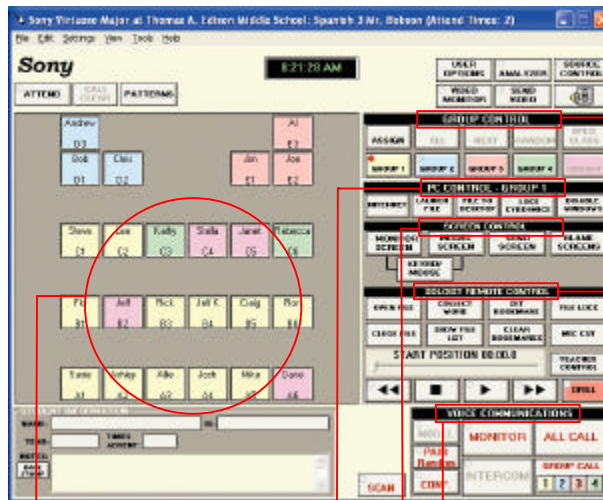
The Virtuoso Instructional Control Software interface is designed to make it easy for any instructor to use. As illustrated below, key functions are readily accessible on-screen so that the teacher's focus remains on teaching, while the Virtuoso, software easily delivers course content, enables interactivity, and provides classroom control.

**Virtuoso Major** offers the highest level digital language lab functionality. Flexibility in class organization and many options for students to work in groups or pairs provide a real opportunity for collaboration. Text chat and text notes, as well as annotation using the built-in whiteboard further enhance the shared learning experienced.

Instructional control is optimized. The teacher can launch files or programs for students: share keyboard/mouse with a student; monitor and model students' work as an example for the class. With a built-in internet browser, specific websites can be selected and launched for students to keep them on task.

Each student's progress is easily tracked by creating "roster files". An instant snapshot of each student and the class as a whole is always available.

Virtuoso Major represents the pinnacle in digital technology for language learning. It offers students so many options for learning with other students and independently and provide optimum flexibility for the teacher to guide students and share their expertise and knowledge.



Each student is visually represented.

Instructional control is optimal enabling the instructor to open a web browser, manager files for students, and keep students on task with capabilities including keyboard/mouse lock and the disabling of Windows®

Easily select students to work together or work independently.

Open and close files for students, bookmark key points in a lesson, collect students' work for evaluation and assessment with the Soloist® Digital PC Comparative Recorder Remote Control.

Essential teacher/student voice communications including All Call, Pairing, Intercom, Monitoring, Modeling and Conferencing are simple to use allowing more time for conversation and sharing.

Monitor a student's PC screen, model a student's work, and send a screen out to students or blank screens to get the attention of the class.

## Virtuoso Major Features

- All Call
- Monitor Student Audio
- Intercom
- Open Audio/Video/Text/HTML & Image Files For Students
- Close Files For Students
- Collect Student Work (Recordings & Text)
- AP® Testing
- Student Transport Remote Control
- Disable/Enable Windows
- Text Chat
- Response Analyzer
- Pair Students (Fixed, Random, Instructors Selected and Student Selected)
- Pair Students With Paired Displays, Shared Mouse and Keyboards etc.
- Conference Groups
- Model Student (Audio and/or Displays)
- 4 Groups + Library
- Multiple Teacher Capable
- Set and Clear Student Bookmarks
- Disable Capability Of Students To Open And Close Files
- Teacher Control (Disable Student Control)
- Blank Student Screens
- Internet Control, With Or Without Navigation Controls
- Remote Control of Student Recorders
- Teacher Can Launch Any File For The Student PCs
- Teacher Can Copy Any File To The Student PC's Desktops
- Blanks Screens
- Send Teacher Screen
- Monitor Multiple Student Screens
- Model Student Screen
- Can Perform Different Controls For Different Groups At The Same Time
- Roster Files
- Pattern Files
- Insert Instructors Comments Into A Student Recordings
- Monitor Local (Teacher) Video
- Send Local Video To Students
- Record Local Video To The Local Hard Disk
- Convert Some AVI Files To MPEG
- Send Remote Video To Any Group

## Plug-in Options Offer More Flexibility

Every school and language program has different needs. In addition to the multitude of capabilities that are standard in the Virtuoso software, several additional plug-in options are available to further enhance teaching in the- digital language-lab and to maximize its use.

### P1 - Multi- Teacher

With this option; multiple teachers can hold class at the same time using the Virtuoso/Soloist digital language lab software. Students are able to select the class that they will "attend" using the Soloist Digital PC Comparative Recorder software on their PC.

• **The Multi- Teacher option enables any number of teachers to conduct classes simultaneously maximizing use of the digital language lab.**

**P2-Soloist Software Extension** With this option, the Soloist software can be installed on any number of PCs without registering the software. Normally, unregistered copies of the Soloist software will only operate in "demonstration" mode. with limited functionality.

With this registered Virtuoso plug-in module, the unregistered Soloist recorders can be set to "attend" a class and work in' conjunction with' the Virtuoso software with full functionality.

• **The Soloist Software Extension Option extends the fully functional usage of the Soloist Software on any PC.**

**P3 - Analog Video Multi-Cast** With this option, you can "multicast" video from any analog video' source' (a ,VHS tape for example) to groups of students in the digital language lab. The video can be previewed by the teacher before sending it out to the students. And the analog video can be digitized in real-time and saved.

• **The Analog Video Multi-Cast Option provides flexibility to use your library of analog video materials in a digital language lab environment.**

### P4 - American Sign Language Laboratory

The Virtuoso American Sign Language Laboratory option allows Virtuoso Major to be used for the teaching of ASL. With the ASL plug-in, most of the audio communications functions of a normal language lab can be accomplished visually. All Call is accomplished by the image from the instructor's camera appearing on the students display. Monitoring a student station allows the instructor to not only hear the student but also to see the student on the instructors computer display. Intercom is two way video and / or audio between the instructor and student and while Pairing is between two students.

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