

Application Note: K-12 Classroom Control



CHALLENGE

- Add intuitive, reliable and flexible control to the growing collection of K-12 classroom technology
- Take advantage of computers and other interactive devices already in use in the classroom
- Minimize or eliminate end-user (teacher) training requirements
- Provide centralized monitoring and control of devices within the classroom, buiding and district
- Insure network and control security
- Reduce controller hardware costs
- Reduce setup / programming costs

SOLUTION

The Calypso ION-LT provides cost-effective, secure network-based control of devices like projectors, DVD players and audio amplifiers. With Calypso's Event Database architecture, control logic setup is extraordinarily fast and reliable, though flexible enough to accommodate the addition or replacement of equipment over time. And as an open architecture controller, compatible with c_Link hyperlink controls, graphical interface options integrate directly onto the classroom PC and can be triggered from a Windows or Macintosh desktop, from within any Internet Browser or directly from an interactive whiteboard. Calypso's Maestro software provides remote monitoring and control tools for centralized administration.

The Calypso CA-1000 32W audio amplifier is the perfect integrated audio solution, accomodating up to 4 input sources, while providing full IR and Serial control. Features include digital gain and volume control, source switching, automated volume "ducking" when microphone input is detected and automated mute when the overhead PA systems is detected.

SOLUTION SCHEMATIC

