

Save Energy and Reduce Operating Expenses Using Extron Classroom AV Systems

Occasionally, a classroom projector may be accidentally left on overnight or over the weekend. During this time, unnecessary electricity and lamp life are consumed. In some instances, a projector lamp may unexpectedly fail during class, resulting in a run to the supply room where an extra lamp may or may not be available. Is it possible to ensure the projector, display, and other AV devices in the classroom are routinely powered off or placed in a standby state, significantly lowering energy usage and costs while also maximizing operating life?



Fortunately, Extron PoleVault® and WallVault® classroom AV systems provide such a solution. The core component of these systems, the PVS 305SA IP switcher/amplifier, and the included MediaLink® controller offer Extron-exclusive power saving options that reduce energy usage as well as operating and maintenance costs.

Auto Power Save mode automatically shuts down the audio amplifier after 30 minutes of inactivity. This provides nearly a 50% reduction in energy usage compared to normal, idle operation. When an audio signal is detected, the amplifier quickly returns to full power status in less than one second.

Standby mode shuts off the audio amplifier and the AV input wallplates that are powered by the switcher. Standby mode is activated by the included MediaLink controller. It can be scheduled for specific times when the system is not in use or can be set to activate when the projector is shut down. Standby mode reduces power consumption of the switcher by over 60%.

Display and Source Scheduling is also available using the MediaLink controller. Shutdown schedules ensure that the display and AV sources are routinely powered off overnight, over the weekend, and during breaks. Lockout schedules may also be used to prevent unauthorized use during these times.

Auto Power Save, Standby, and Scheduling allow Extron Classroom Systems to help schools increase efficiency and reduce operating costs. They promote lower energy usage and maximize the operating life of projector lamps, filters, and other AV components.

For additional information on the advantages of scheduling, check out our Video and Case Study for Leander ISD in Texas:

[ExtronClassroom Videos](#)

[ExtronClassroom Case Studies](#)

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For additional information, contact Education Support at 800.633.9876 | support@extronclassroom.com | www.extronclassroom.com