

# Fully Integrated Smart Classrooms

Seamless AV and energy control with Sapphire™ Room Controller

Access and adjust sound, video and lighting together from a single easy-to-use interface with the Sapphire Room Controller with HiFi Interconnection.

Modern classrooms utilize the latest in educational technology to make the learning experience intuitive, engaging and relevant. Multimedia presentations incorporating PowerPoint, video and sound have become curriculum expectations, and classrooms are expected to keep pace. For retrofit or new construction, Sapphire Room Controller with HiFi Interconnection brings the room's sound, projection video and energy settings together on a single station.

## CHALLENGE

*Classroom with multiple smart technologies managed in an AC closet requires a single control location to manage settings for simple usage and adjustment.*

- Includes AV equipment such as speakers, projectors, document equipment and Blu-Ray players
- Classroom utilizes an AV cabinet to keep equipment accessible but securely stored, and runs all audio through an amplifier
- Incorporates energy controls including occupancy sensors, photocells and lighting control stations
- Utilizes different settings for various scenarios (such as lecture vs. multimedia presentation), which need to be switched between quickly and seamlessly

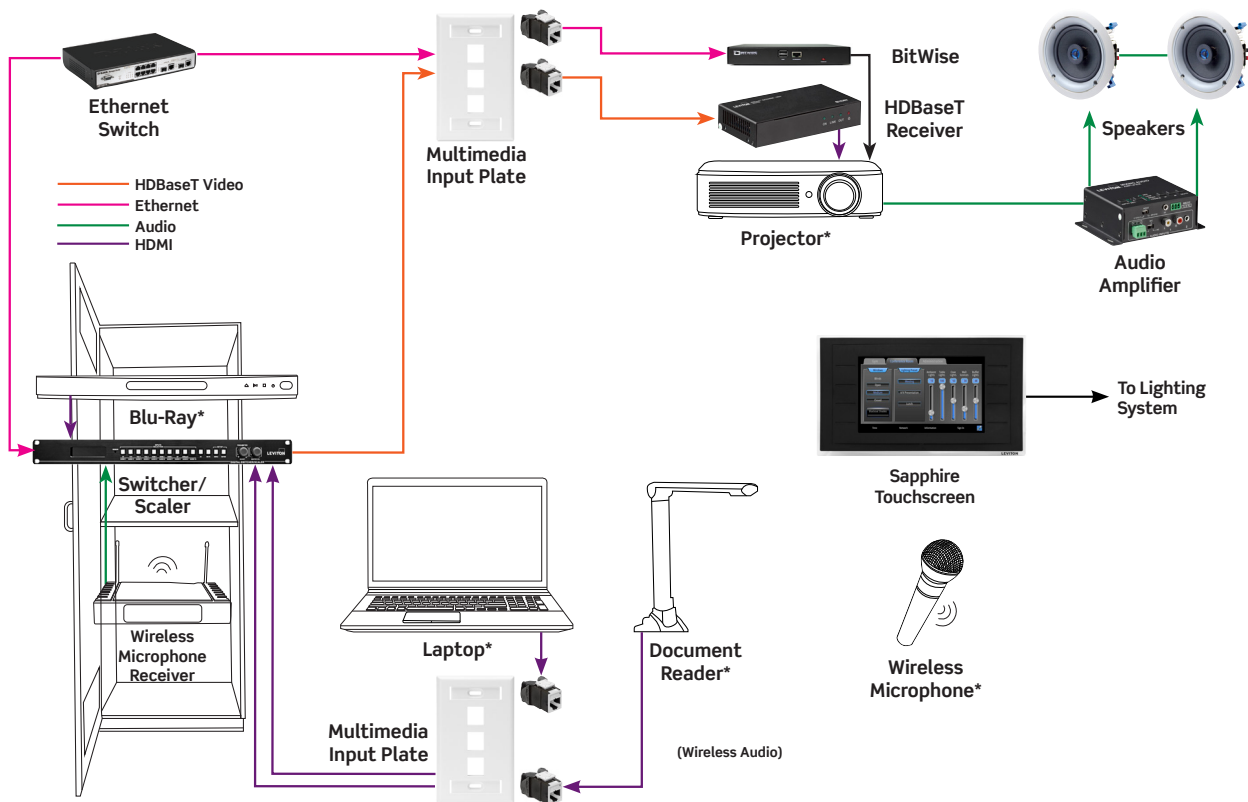
## SOLUTION

*Sapphire Room Controller with HiFi Interconnection manages AV equipment and energy controls from a single touchscreen station.*









- Manage both AV controls and energy controls from a single centralized point
- Easy to integrate into a classroom AV closet, and run audio through the amplifier
- Set scenes for different usage scenarios, which are accessible from an easy-to-use interface—press a single button on the touchscreen to activate the scene
- Adjust lighting, sound levels and other settings from the Sapphire station



## SAPPHIRE AV CONTROLS WITH HIFI INTERCONNECTIVITY CLASSROOM— AV CABINET WITH AUDIO THROUGH AMPLIFIER



### WHAT YOU WILL NEED

SAPPHIRE AV CONTROLS WITH HIFI INTERCONNECTIVITY CLASSROOM—AMPLIFIER AUDIO		QTY.
	<b>Saphire Room Controller   TS007</b> Centralizes all AV, sound and lighting classroom control through an easy-to-use touchscreen interface	1
	<b>Switcher/Scaler   SS0AV-091</b> Contains 9 video input interfaces to switch or scale to HDMI/HDBaseT outputs	1
	<b>BitWise   BWBC4</b> Automatically control projector power	1
	<b>HDBaseT Receiver   41910-HT0</b> Extends HDMI signals up to 230 ft over a single category-rated cable	1
	<b>Ethernet Switch   EMS00-008</b> Supports up to 2 SFP modules	1
	<b>Multimedia Input with Wallplate   41290-HDW and 41290-SMW</b> Adapts an HDMI feedthrough connector to MOS wallplates	2
	<b>In-Ceiling Speaker   SGC65-00W</b> Provides premium-grade sound with superior performance and durability	2
	<b>Audio Amplifier   41920-A01</b> Ideal for classrooms, small conference rooms, and light commercial/retail—includes 2 stereo audio inputs and 1 balanced mic input	1

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