



SoundPost Classroom AV Bundle

Ultra-Low Installation classroom audio and control

Classroom Benefits

- 21st century teaching tools with minimal installation expense!
- Nightly scheduled projector off
- Simple projector and audio control
- Use the included microphone from anywhere in the classroom

Bundle Includes

- SoundPost integrated classroom audio
- CB-2000 Wall Controller
 - Single Gang
 - Pre-programmed for specific projector
- All cables/connectors
 - Two 40' CAT-5 cables
 - Two 6' Audio cables
 - One TB-232
- Mounting bracket



The SoundPost Classroom AV Bundle sets a new standard for ease of installation for classroom AV systems. The bundle pairs the integrated audio of SoundPost with a CB-2000 Wall Controller to provide a complete classroom audio and control system. SoundPost is an easily mounted line array speaker with integrated multi-input amplifier and wireless microphone that provides a rich, clear sound that fills the classroom. In addition to the built-in microphone, other sources such as iPods or PCs can be quickly integrated with SoundPost so all of the students can hear. Simply plug a standard audio jack into the back of SoundPost, and start playing audio!

The CB-2000 provides intuitive control of the projector and SoundPost through a standard eight-button interface, providing a simple means to simultaneously switch audio/video sources, turn the projector on/off, change audio volume, and other AV commands.

Audio and Microphone

Built around a line-array column speaker – the technology preferred in concert halls and auditoriums - SoundPost delivers full audio room coverage for standard size classrooms. Whether you use the included wireless microphone or connect an audio source such as an iPod or PC into one of the multiple audio inputs, you can be assured that all of your students will be surrounded by sound.

Audio channel selection and volume control is done through the CB-2000. Alternatively, the teacher can control volume directly from the microphone or from the SoundPost itself.

SoundPost's wireless microphone gives complete freedom to teach. The microphone is worn lanyard style or with the included belt holster; either way the included lapel microphone provides great voice pickup. Plus, with 12 hours of talk time on the microphone's rechargeable battery, it will last all day.

Projector and Audio Control

The CB-2000 provides AV control to the projector and SoundPost, allowing for easy multimedia source selection and volume control. The CB-2000's built-in timer will automatically shut the projector off nightly, ensuring savings on projector bulb life and electricity. Perhaps best of all, the CB-2000 comes fully assembled and programmed for your specific projector model, requiring no configuration or extra steps. Just plug in the two included CAT-5 cables between the SoundPost, the CB-2000, and your projector to enable full control.

Product Specifications

SoundPost Back Panel Connectors



LED's

Power (blue)	on: normal operation; flash: fault
RF Link (green)	on: RF microphone connected
IR Beacon (red)	on: microphone beacon detected
VOX (green)	on: audio muted; off: audio streaming
CH1 (green)	on: ch1 selected, flash: ch1 muted
CH2 (green)	on: ch2 selected, flash: ch2 muted
CH3 (green)	on: ch3 selected, flash: ch3 muted
CH1, CH2, CH3	all on: mix-all mode; flash; mix-all muted
Run (green)	flash at .5sec during normal operation
Status (yellow)	flash on serial xmit and streaming audio

Audio

Speaker Configuration	Line array
Speaker Components	53mm cone-type x 8
Amplifier Type	Improved 90% efficient class D
Power Handling	Continuous 30W
Protection Circuits	Thermal and short circuit protected
Rated Impedance	4 ohms
Frequency Response	+/- 3dB 120Hz – 13KHz

Inputs

Line in connectors	3.5mm TRS stereo
CH1, CH2 imp	10K ohms

Outputs

Line out connector	3.5mm TRS stereo
Output impedance	150 ohms

General

Enclosure size	24" x 5" x 3.5" (61.0cm x 12.7cm x 8.9cm)
Enclosure type	Black vinyl covered wood
Product weight	8.5 lbs with base
Shipping weight	12 lbs
Mounting Brackets	Two wall brackets (optional)
Mounting Base	7.8" x 7.8" x .5" (200mm x 200mm x 12mm) included
Security Feature	Kensington Lock slot

Aux 1 I/O

Pin 1	GPI
Pin 2	GND
Pin 3	RS-232 Receive
Pin 4	RS-232 Transmit
Pin 5	RS-232 Ground
Pin 6	GND
Pin 7	IR Ground, neg, 10 ohm
Pin 8	IR Output

TB-450 Inputs (Optional)

Pin 1	Composite Video (pass-thru)
Pin 2	Composite Video Shield
Pin 3	Unbalanced Audio 1 Right
Pin 4	Unbalanced Audio 1 Ground
Pin 5	Unbalanced Audio 1 Left
Pin 6	Unbalanced Audio 2 Ground
Pin 7	Unbalanced Audio 2 Left
Pin 8	Unbalanced Audio 2 Right

