



**Description:**

This classroom is equipped with a computer and with jacks for an auxiliary audio/video source such as a DVD player or VCR. The computer is connected to a jack plate at the front of the room. The auxiliary input is shown at the rear. Audio from the audio/video input plates is connected to two inputs of a three input audio mixer located near the projector using twisted-pair cable. The third mixer input is fed from the line-level output of an IR receiver. (Note: A paging source could be connected to the third mixer input instead of the IR receiver, if desired.) The video is connected directly to the projector using coaxial and monitor cables. The projector audio output is not used. The mixer controls the level of each audio source using the associated wall mounted mixer remote control. The three knobs on the wall control provide separate audio level adjustment for the computer, auxiliary input and IR receiver. The audio power amplifier provides a 70 V or 100 V constant-voltage output to drive multiple speakers. The four speakers shown may each be tapped for 5 watts. All wall controls and panels are offered in RDL standard white/gray or in stainless steel with custom labeling available.

**Parts List**

Product	QTY
CP-1	3
D-RC3M	1
D-TPP7A	1
D-TPP6A	1
FP-PA20A	1
FP-TPX3A	1

**Recommended Pwr. Supplies**

Product	QTY
PS-24V3A 24 Vdc 3 A	1

**Line Color Key**

<span style="color: red;">—</span>	Line Level Audio Signal
<span style="color: brown;">—</span>	Loudspeaker Level
<span style="color: purple;">—</span>	Control Signal
<span style="color: yellow;">—</span>	Video
<span style="color: blue;">—</span>	Mic Level Audio Signal
<span style="color: green;">—</span>	Ground
<span style="color: brown;">—</span>	Power
<span style="color: orange;">—</span>	Miscellaneous