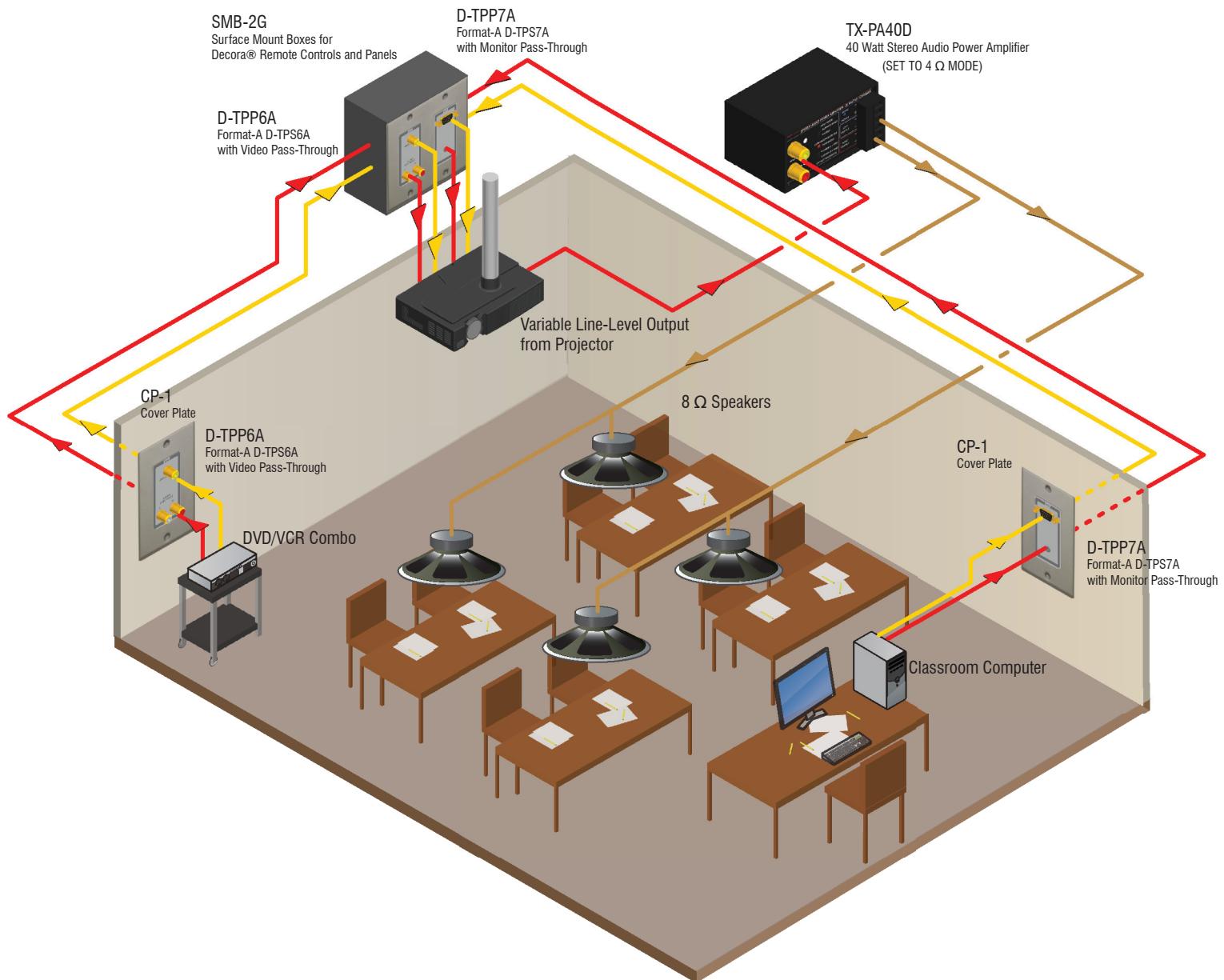


# CLASSROOM WITH PROJECTOR AUDIO/VIDEO SWITCHING

AN-2045

Computer, Auxiliary Input, Projector w/ variable output, Twisted Pair Audio Wiring, 40 Watt Audio Amplifier

**SYSTEMS  
SOLUTIONS**



## Description:

This classroom is equipped with a computer and with jacks for an auxiliary audio/video source such as a DVD or VCR player. The computer is connected to a jack plate at the front of the room. The auxiliary input is shown at the rear. Audio from each of the audio/video input plates is connected to the projector using twisted-pair cable. The video is connected using coaxial and monitor cables. Identical jack plates are mounted in the classroom wall and in a box near the projector so the room may be pre-wired. Installation of the projector is facilitated by plugging its cables into the jacks. The projector is used to switch between sources and to control the audio level to the speakers. The projector must be equipped with a variable level audio output. Each output channel of the power amplifier drives two 8Ω speakers. All wall controls and panels are offered in RDL standard white/gray or in stainless steel with custom labeling available.



**RDL**  
Radio Design Labs

[www.rdlnet.com](http://www.rdlnet.com)

Parts List	
Product	QTY
CP-1	2
D-TPP6A	2
D-TPP7A	2
SMB-2G	1
TX-PA40D	1

Recommended Pwr. Supplies	
Product	QTY
TX-PA40D POWER SUPPLY	1, Included

Line Color Key	
Red	Line Level Audio Signal
Brown	Loudspeaker Level
Purple	Control Signal
Yellow	Video
Blue	Mic Level Audio Signal
Green	Ground
Power	Power
Orange	Miscellaneous