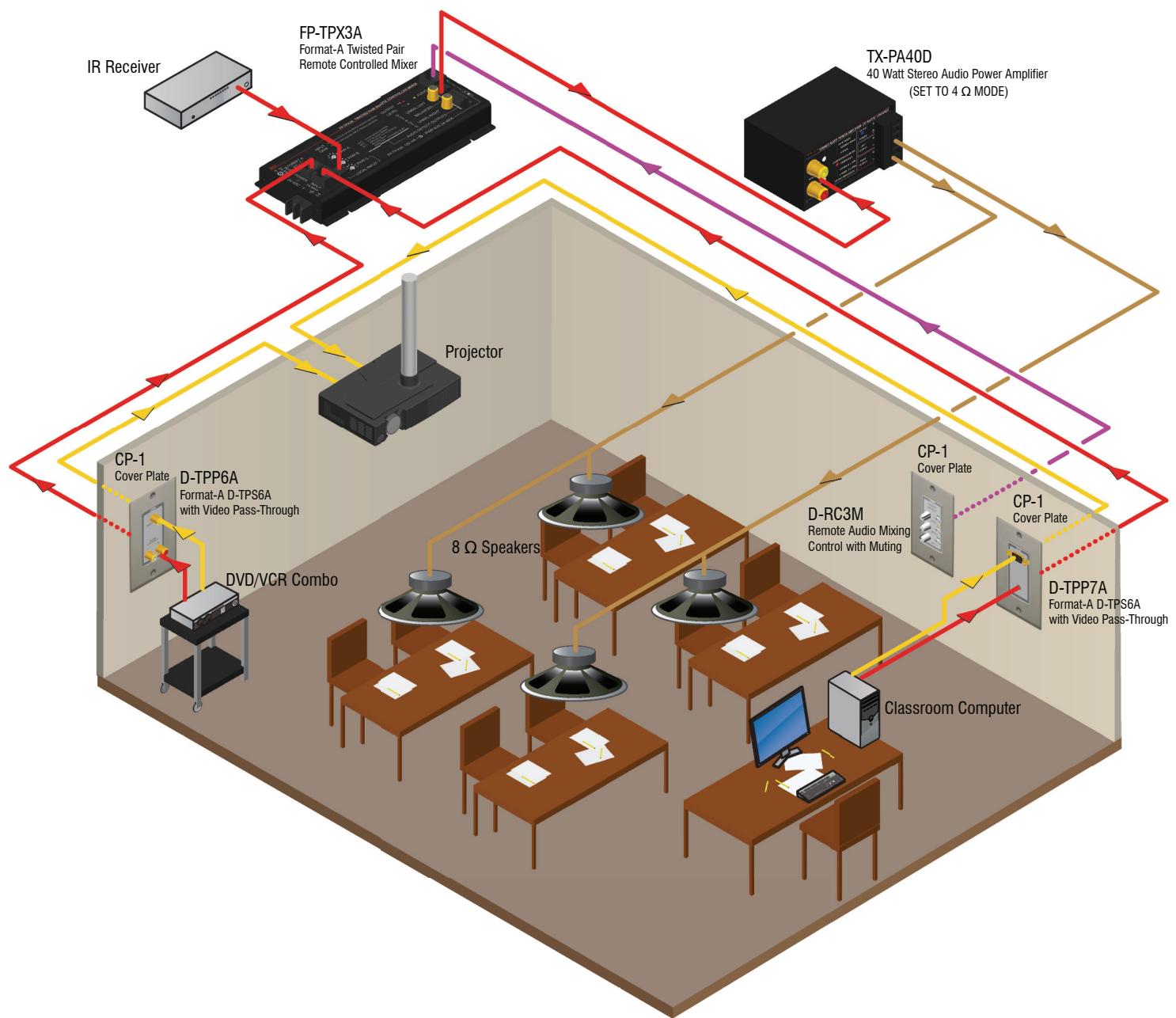


# CLASSROOM WITH WALL-MOUNTED THREE-INPUT MIXER

Computer, Auxiliary Input, IR Receiver, Projector, Twisted Pair Audio Wiring, 40 Watt Audio Amplifier

**SYSTEMS  
SOLUTIONS**

AN-2044



## 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. Each output channel of the power amplifier drives two 8 Ω 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	3
D-RC3M	1
D-TPP6A	1
D-TPP7A	1
FP-TPX3A	1
TX-PA40D	1

Recommended Pwr. Supplies	
Product	QTY
TX-PA40D POWER SUPPLY PS-24AS	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