PRIORITY SWITCHING FROM A VIDEO SOURCE
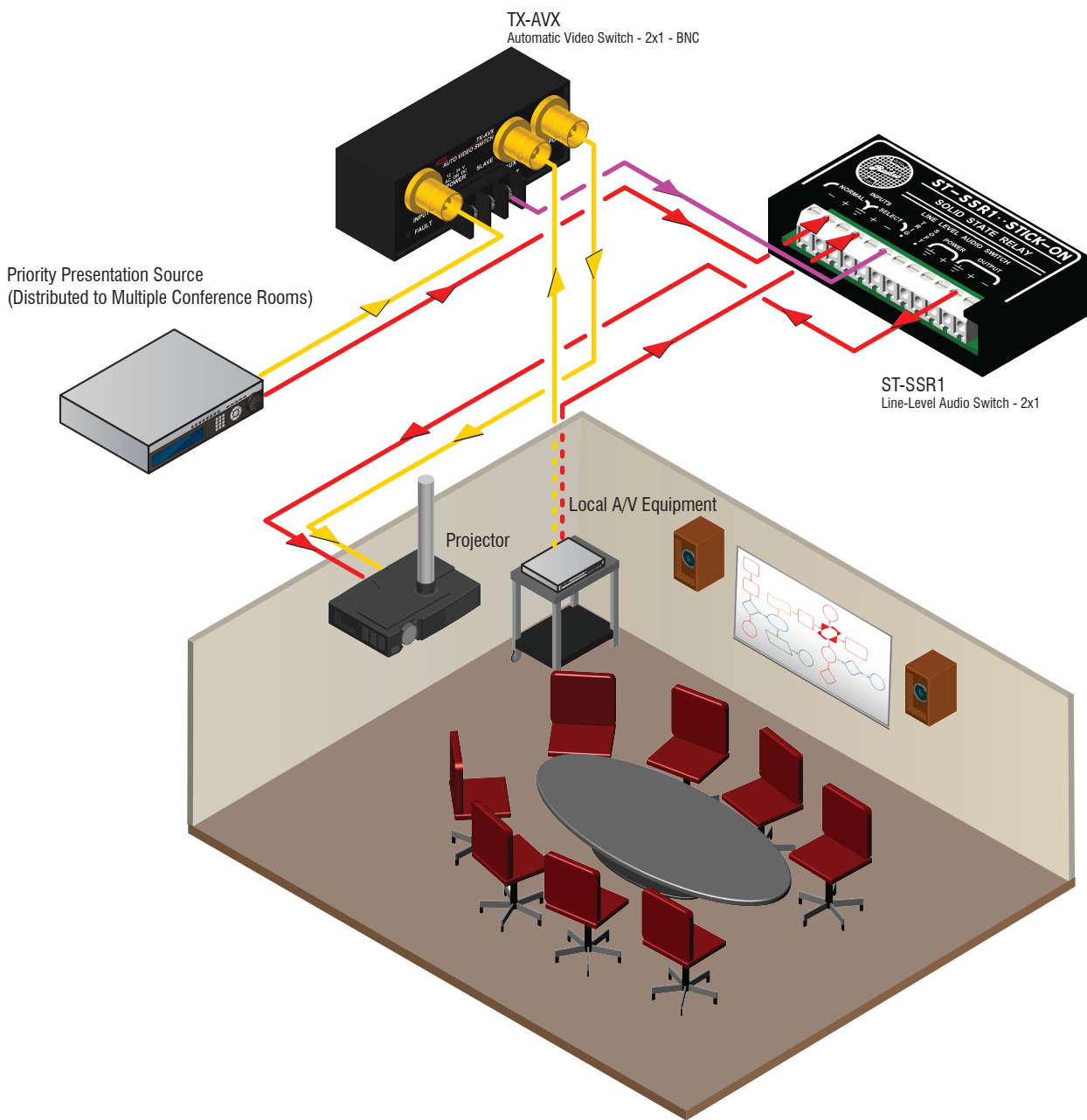## Multiple Conference Rooms Automatically Switch to a Priority Video Presentation

SYSTEMS SOLUTIONS

TX-AVX
Automatic Video Switch - 2x1 - BNC

ST-SSR1
Line-Level Audio Switch - 2x1

Priority Presentation Source
(Distributed to Multiple Conference Rooms)

Local A/V Equipment

Projector

Description:

This application note shows one of several conference rooms on a corporate campus. The Local A/V Equipment is normally used for meetings held in the room. When a single presentation must be viewed by the entire corporate staff, all the conference rooms are used simultaneously.

When the campus-wide presentation is played, the TX-AVX module in each conference room detects the video signal, switches off any local video and routes the presentation video to the projector. The TX-AVX slave output controls the ST-SSR1 which switches off any local audio and routes the presentation audio to the projector or other audio amplifier used in the room. Two ST-SSR1 modules may be connected for stereo.

Automatic switching insures the presentation will be viewed in every conference room.

RDL
Radio Design Labs

www.rdlnet.com

Parts List

Product	QTY
TX-AVX	1
ST-SSR1	1

Recommended Pwr. Supplies

Product	QTY
PS-24AS 24 Vdc 500mA	1

Line Color Key

- Line Level Audio Signal
- Loudspeaker Level
- Control Signal
- Video
- Mic Level Audio Signal
- Ground
- Power
- Miscellaneous