CLASSROOM SYSTEM WITH PRIORITIZED PAGING
Full-Featured "Green" Mixer Amp Integrates Two Paging Priorities

SYSTEMS SOLUTIONS

ST-VP2
Automatic Ducking Module

Priority 2
Local Administrator Paging

Priority 1
Emergency* Alert System
Highest Priority

HD-MA35UA
35 Watt Mixer Amplifier
25, 70, 100 V, with Power Supply

DS-J3
Mic/Line Input Assembly

CP-1S
Cover Plate

70 V Loudspeakers

DS-CIJ3
Consumer Input Jacks – Mono

CP-1S
Cover Plate

Teacher's Computer
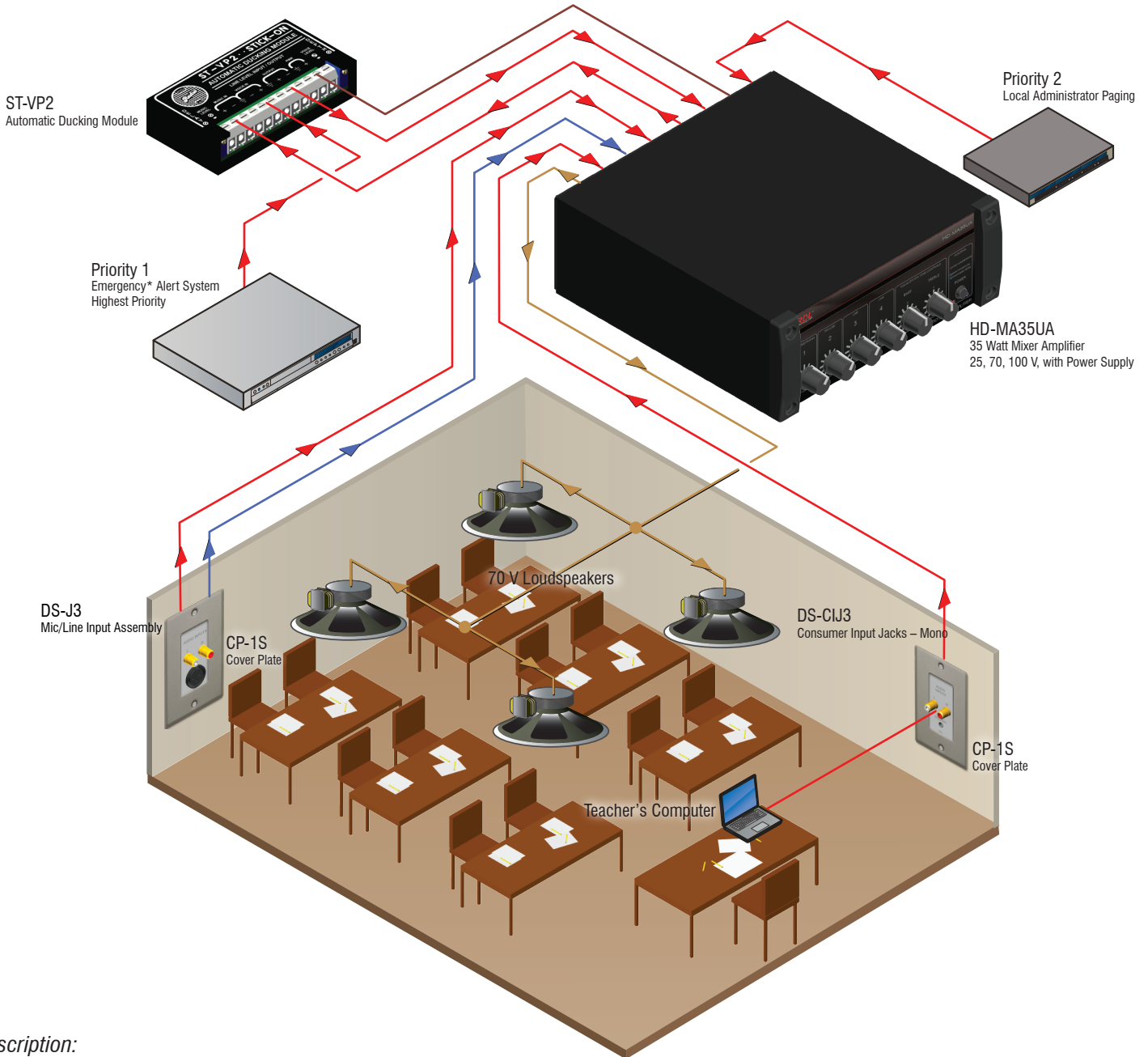
Description:

Classroom mic, line and computer audio sources are connected to the HD-MA35UA Mixer Amplifier through RDL wall plates. A school-wide paging feed connects directly to the mixer amplifier paging input. The paging source may be either mic or line level. VOX switching eliminates the need for push-to-talk contacts. The HD-MA35UA setup allows flexibility in muting or ducking the other input channels during paging.

An ST-VP2 Automatic Ducking Module adds an additional priority paging source. The ST-VP2 uses the HD-MA35UA effects loop to cause the highest priority page message to duck all other amplifier inputs to provide the emergency page. The ST-VP2 is powered by the auxiliary module 24 Vdc power output from the HD-MA35UA.

The HD-MA35UA powers up when audio is detected. When the system is inactive (no audio in use) it enters the sleep mode, consuming less than one watt for optimum energy conservation. The HD-MA35UA returns to active mode (turns on) automatically when an audio input becomes present.

*RDL products are NOT intended for use in life support appliances, devices, or systems.

RDL
Radio Design Labs
www.rdlnet.com

Parts List

Product	QTY
DS-CIJ3	1
DS-J3	1
HD-MA35UA	1
ST-VP2	1

Recommended Pwr. Supplies

Product	QTY
HD-MA35UA Power Supply	1, included

Line Color Key

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