AUDIO DISTRIBUTION IN A LANGUAGE LAB
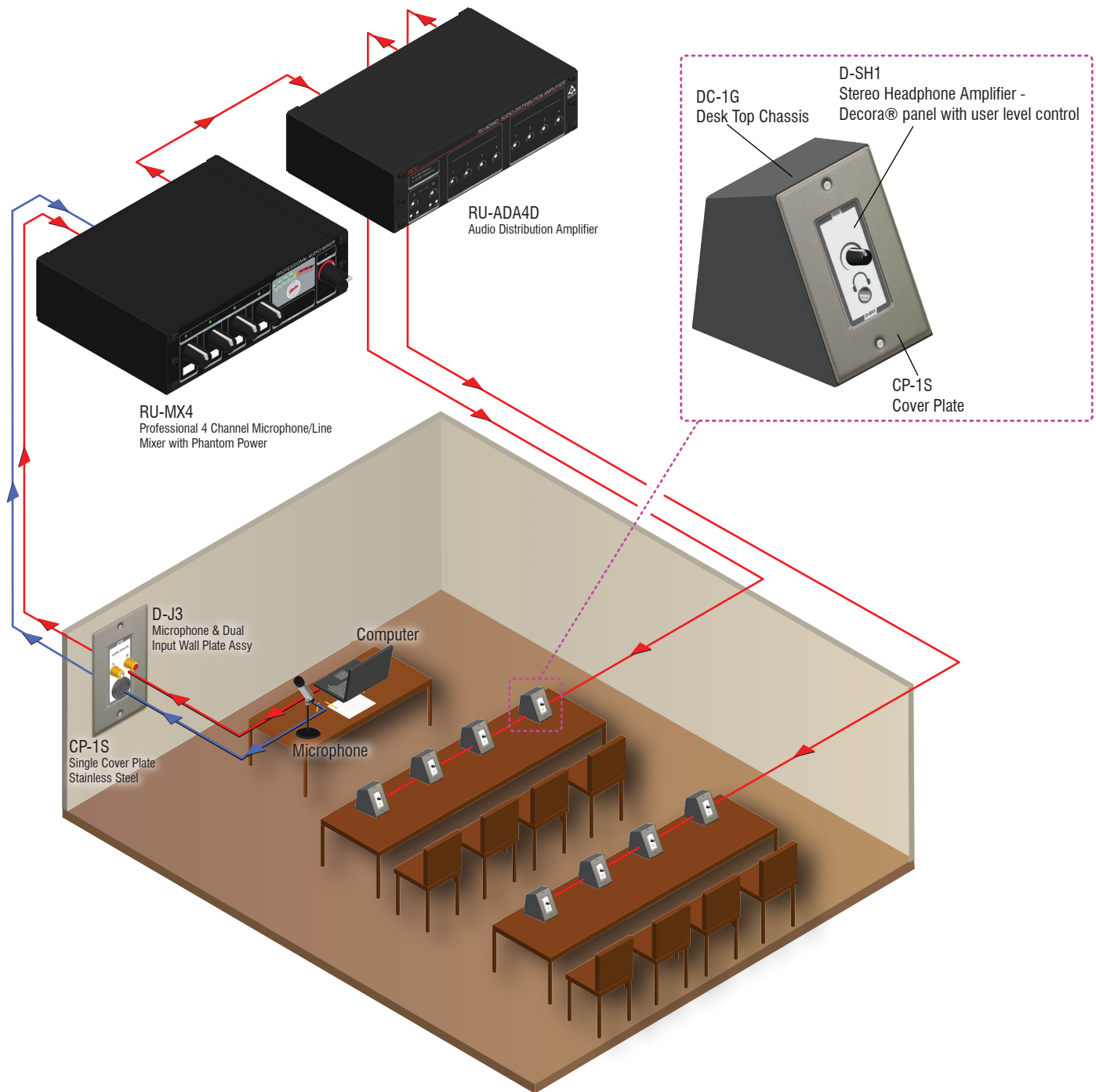## Computer Audio, Instructor Microphone, Multiple Headphone Listening Stations

SYSTEMS SOLUTIONS

RU-ADA4D
Audio Distribution Amplifier

RU-MX4
Professional 4 Channel Microphone/Line Mixer with Phantom Power

DC-1G
Desk Top Chassis

D-SH1
Stereo Headphone Amplifier - Decora® panel with user level control

CP-1S
Cover Plate

D-J3
Microphone & Dual Input Wall Plate Assy

Computer

Microphone

CP-1S
Single Cover Plate
Stainless Steel

Description:

In this system, a computer audio signal and a microphone signal are mixed using the RU-MX4 Pro Audio Mic/Line Mixer. The mixed signal is distributed to multiple headphone listening stations in a language learning lab using an RU-ADA4D Audio Distribution Amplifier. Each listening station features a D-SH1 stereo headphone amplifier, which includes an integrated level control. Each D-SH1 is mounted in a DC-1G desktop chassis. The DC-1G is constructed from steel and powder coated to provide years of durability in a classroom environment.

The design of the D-SH1 headphone amplifier makes it easy to create systems with an unlimited number of headphone listening stations. Either 1/4" or 1/8" (D-SH1M) stereo headphone jack options are available. The system design is shown in mono but stereo configurations can be implemented just as easily.

RDL
Radio Design Labs
www.rdlnet.com

Parts List
Product	QTY
CP-1S	9
DC-1G	8
D-SH1	8
D-J3	1
RU-ADA4D	1
RU-MX4	1

Recommended Pwr. Supplies
Product	QTY
PS-24AS 24 Vdc 500 mA	2

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