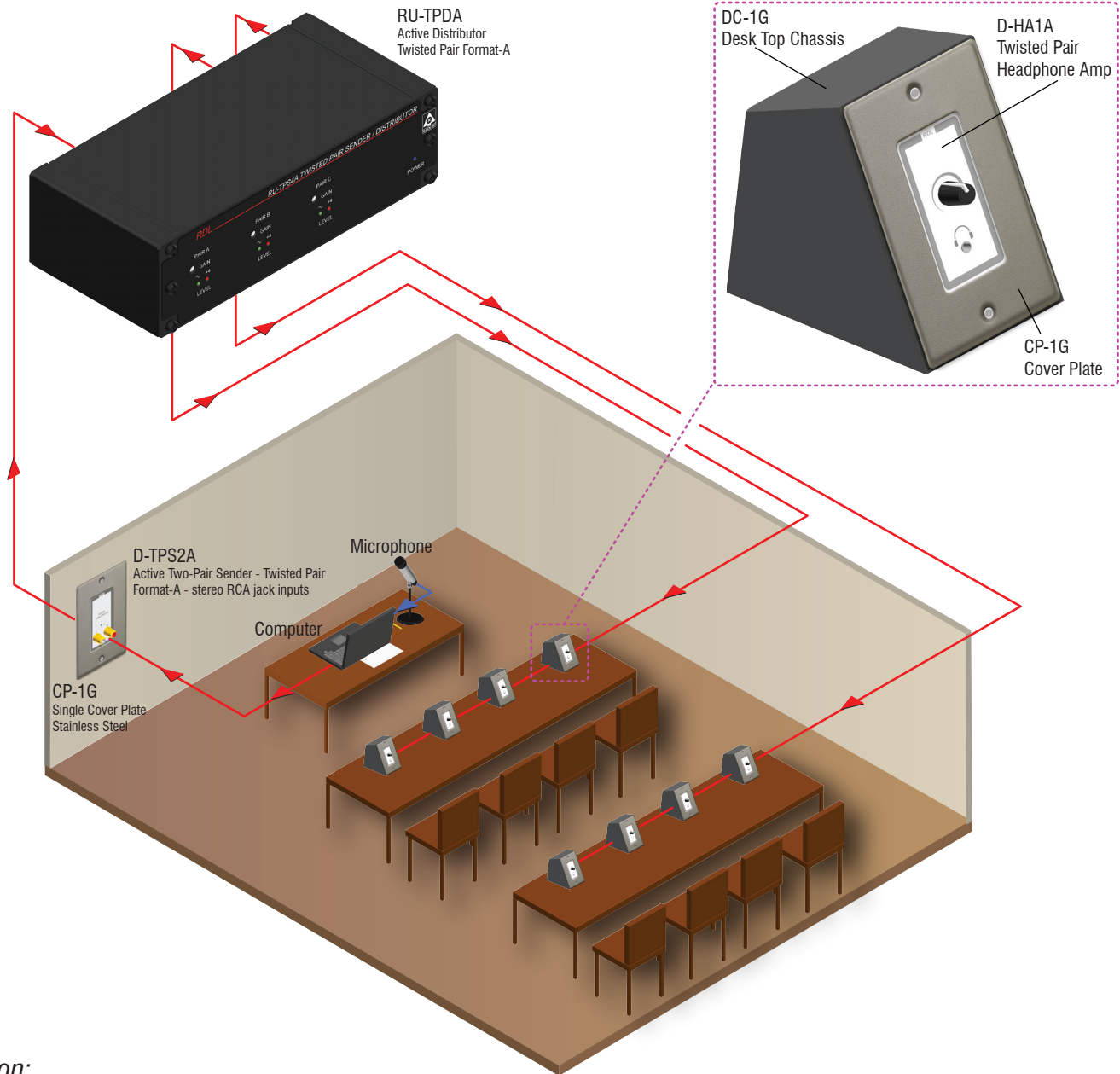


AUDIO DISTRIBUTION TO MULTIPLE HEADPHONE AMPS

Computer Audio Feeds Multiple Headphone Listening Stations Over Format-A Twisted Pair Cable



Description:

The laptop computer provides the stereo audio source to be distributed to eight headphone listening locations. Line-level audio from the computer is connected to a wall-mounted DS-TPS2A Active Two-Pair Sender. The DS-TPS2A sender converts the computer audio to Format-A for transmission over CAT-5 (or better) cable to the RU-TPS4A Active Distributor. The RU-TPS4A has 4 outputs, each capable of distributing the audio to as many as six headphone listening stations, for a total of 24. In this installation, two outputs are used feeding four headphone amplifiers per output, for a total of eight. Each listening station features a D-HA1A Stereo Headphone Amplifier, which includes an integrated user level control and a 3.5 mm mini-jack output. Each D-HA1A is mounted in a DC-1G Desktop Chassis. The DC-1G is constructed of steel and is powder coated to provide years of durability in a classroom or other high traffic environment.

Power (24 Vdc) connected to the RU-TPDA is distributed to all the modules in the system. The RU-TPDA may be rack mounted.

Parts List	
Product	QTY
CP-1G	9
DC-1G	8
D-HA1A	8
D-TPS2A	1
RU-TPS4A	1

Recommended Pwr. Supplies	
Product	QTY
PS-24AS 24 Vdc 500 mA	1

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