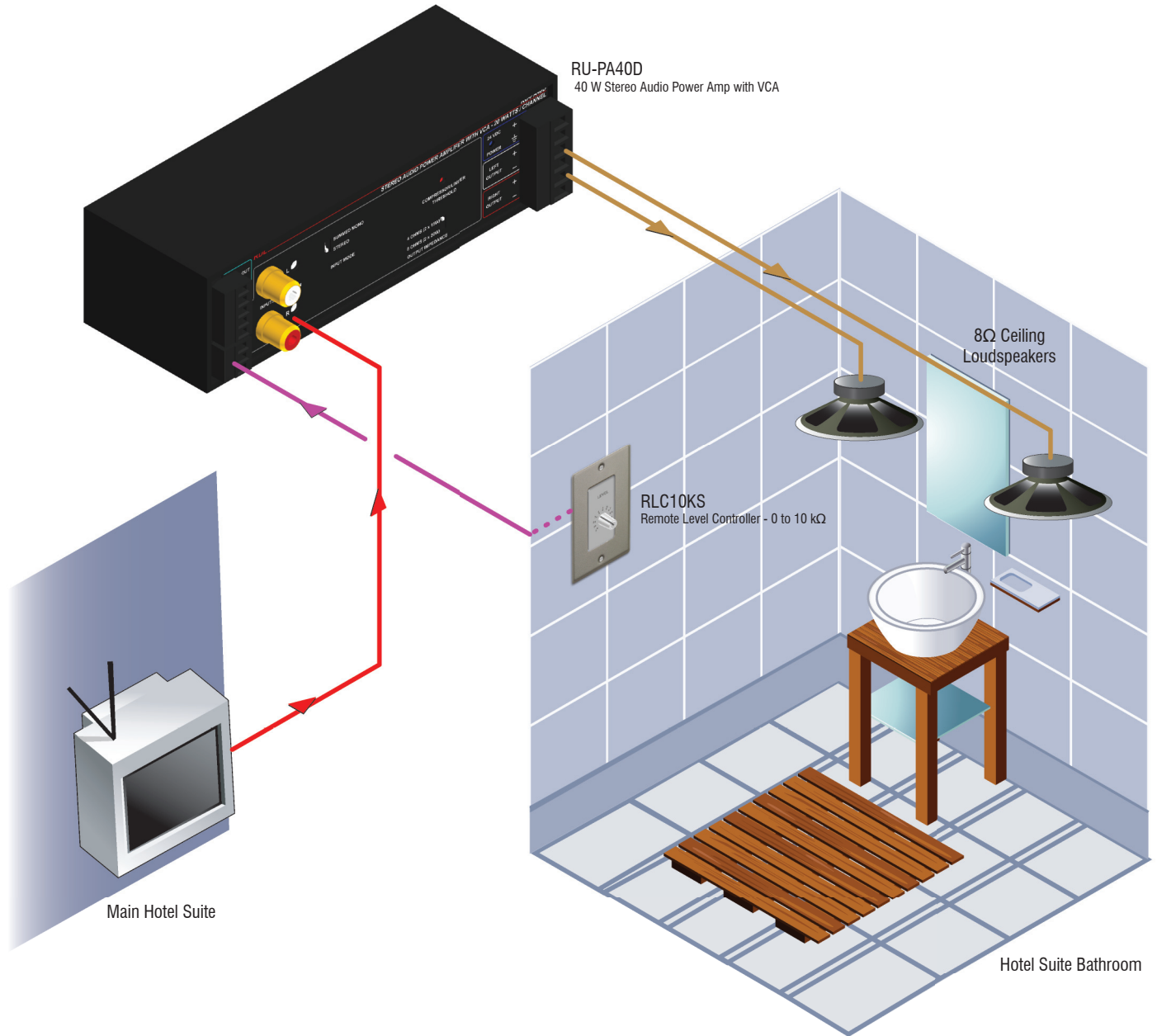


# HOTEL BATHROOM STEREO AUDIO FROM TV

Compact Amplifier Integrates VCA and Compressor/Limiter



## Description:

Providing stereo monitor speakers with remote volume control in a hotel suite bathroom is done easily with the RU-PA40D.

The extremely compact RU-PA40D drives stereo 4 or 8 Ohm speakers and has an integral VCA which allows use of a 10 kΩ linear potentiometer to control level. This example uses the RLC10KS remote control to create an aesthetically pleasing and professional appearance. The RU-PA40D also features a studio quality compressor/limiter to control clipping and maximize average output levels. An input selector switch allows the unit to output a mono sum in installations where speaker placement cannot produce proper stereo imaging.

This example uses the fixed output level from the television receiver. The bathroom audio level is controlled by the RLC10KS remote control.

Parts List	
Product	QTY
RLC-10KS	1
RU-PA40D	1

Recommended Pwr. Supplies	
Product	QTY
RU-PA40D Power Supply	1

Line Color Key	
<span style="color: red;">—</span>	Line Level Audio Signal
<span style="color: orange;">—</span>	Loudspeaker Level
<span style="color: purple;">—</span>	Control Signal
<span style="color: yellow;">—</span>	Video
<span style="color: blue;">—</span>	Mic Level Audio Signal
<span style="color: green;">—</span>	Ground
<span style="color: brown;">—</span>	Power
<span style="color: orange;">—</span>	Miscellaneous