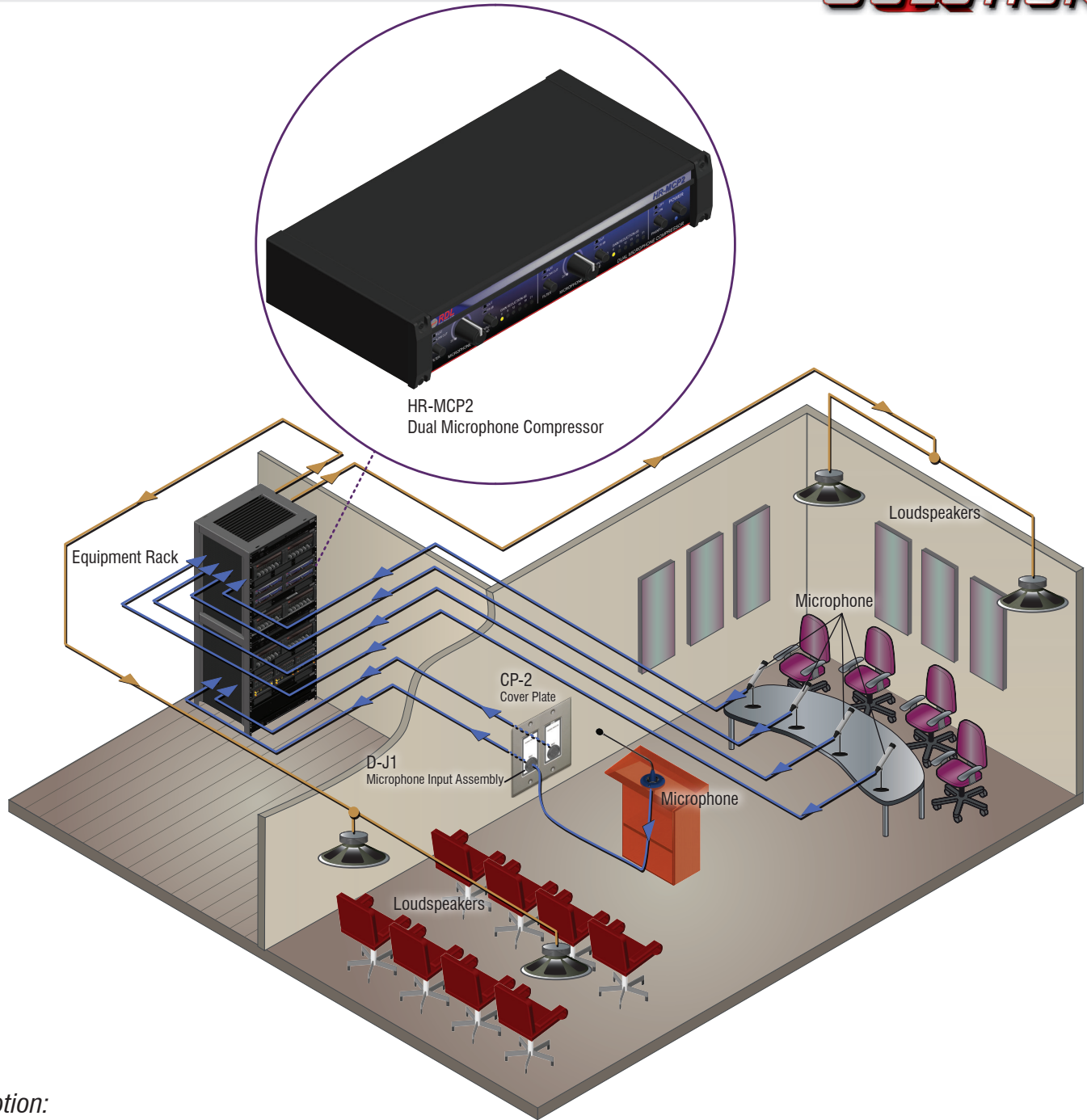


CONSISTENT LEVELS FROM MEETING ROOM MICS

Automatic Microphone Level Control for Enhanced Intelligibility with Untrained Presenters



Description:

In this meeting room rack, three HR-MCP2's are connected between microphone inputs and the system's DSP based microphone auto-mixer to reduce demands on the DSP's resources while providing consistent levels from each of the system's six microphone inputs. The HR-MCP2 improves sound quality and intelligibility by producing consistent audio levels and controlling overloads that produce distortion and clipping at the DSP inputs.

The RDL HR-MCP2 is a dual channel microphone compressor that produces consistent audio output levels over wide variations (up to 25 dB) in microphone input levels. Rear-panel switches allow setting each output to mic or line level. Each channel can therefore be used as a mic-level in-line compressor or as a microphone preamplifier with compression. The HR-MCP2 is compatible with dynamic and condenser microphones. Front-panel switches are provided to enable low-cut filters and 15 dB pads for each channel as well as global 48 Vdc phantom power. A CLIP LED flashes if a signal peak is within 1 dB of clipping. A seven LED metering string displays the instantaneous gain reduction in 3 dB increments.

Parts List

Product	QTY
CP-2	1
D-J1	2
HR-MCP2	3

Recommended Pwr. Supplies

Product	QTY
PS-24KS 24 Vdc 1000 mA	1

Line Color Key

Red	Line Level Audio Signal
Orange	Loudspeaker Level
Purple	Control Signal
Yellow	Video
Blue	Mic Level Audio Signal
Green	Ground
Brown	Power
Black	Miscellaneous