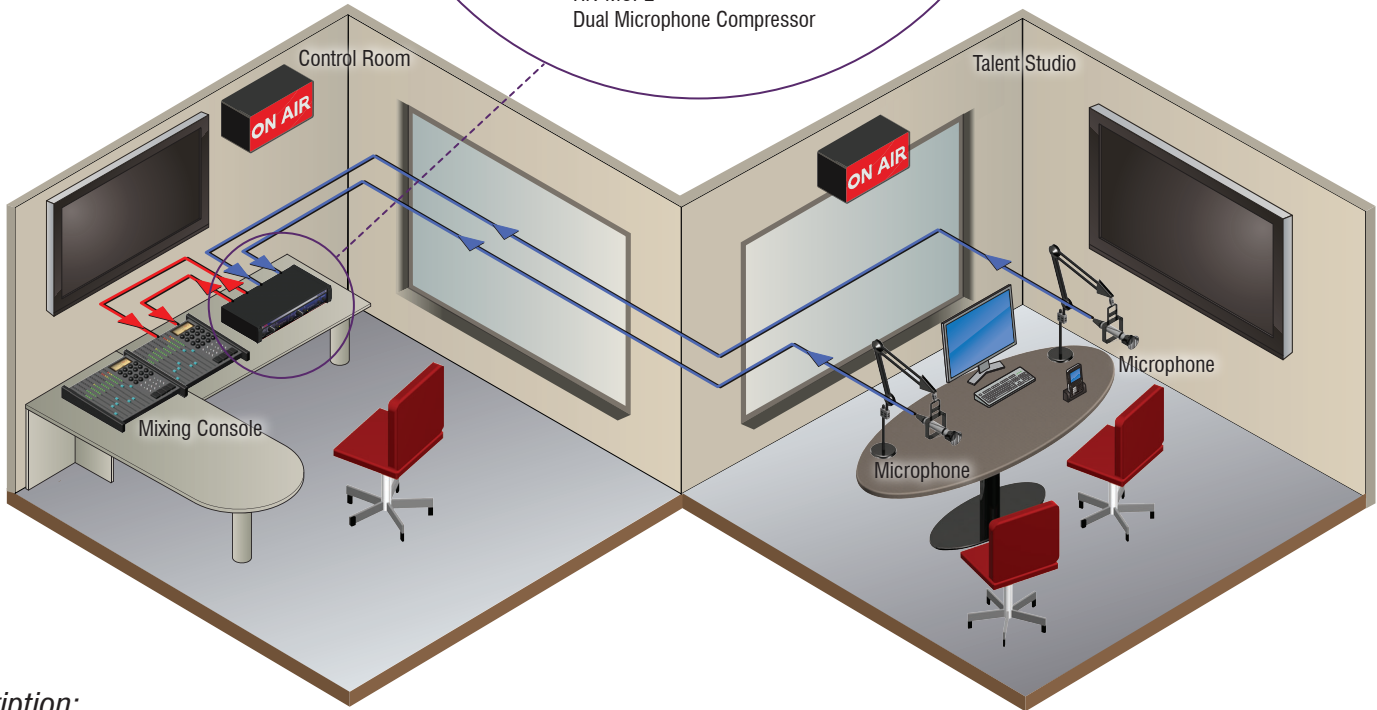


# CONSISTENT LEVELS FROM STUDIO MICROPHONES

Automatic Microphone Level Control in Broadcast and Voice-Over Studios



HR-MCP2  
Dual Microphone Compressor



## Description:

One channel of the RDL HR-MCP2 Dual Microphone Compressor is connected in-line between each talent studio microphone and the mixer. The HR-MCP2 automatically adjusts the volume for best intelligibility for a wide range of presenters' speaking styles, from soft-spoken to excited. Phantom voltage (IEC Standard 48 Volt) may be provided by the HR-MCP2 to power any condenser microphone. The HR-MCP2 provides transparent audio level adjustment and compression over a 25 dB range. It insures freedom from clipping and overload distortion, providing consistent audio levels throughout a broadcast and/or from one guest to the next. A single HR-MCP2 provides automatic gain reduction for the two separate microphones, host and guest.

Front-panel LED metering strings simplify proper gain adjustment to produce the desired amount of normal and overload gain reduction. Without the HR-MCP2, dynamic level extremes caused by untrained guests who become excited or suddenly approach the microphone can cause clipping in the mixer and require adjustment by the board operator. Installation of an HR-MCP2 ahead of the mixer input prevents overload clipping and provides consistent levels to the mixer. The HR-MCP2 is ideal for studio use as well as for crowd and audience microphones. The output of each HR-MCP2 channel may be set to provide either mic or line level to the mixer.

Parts List	
Product	QTY
HR-MCP2	1

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

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