

KARAOKE SYSTEM

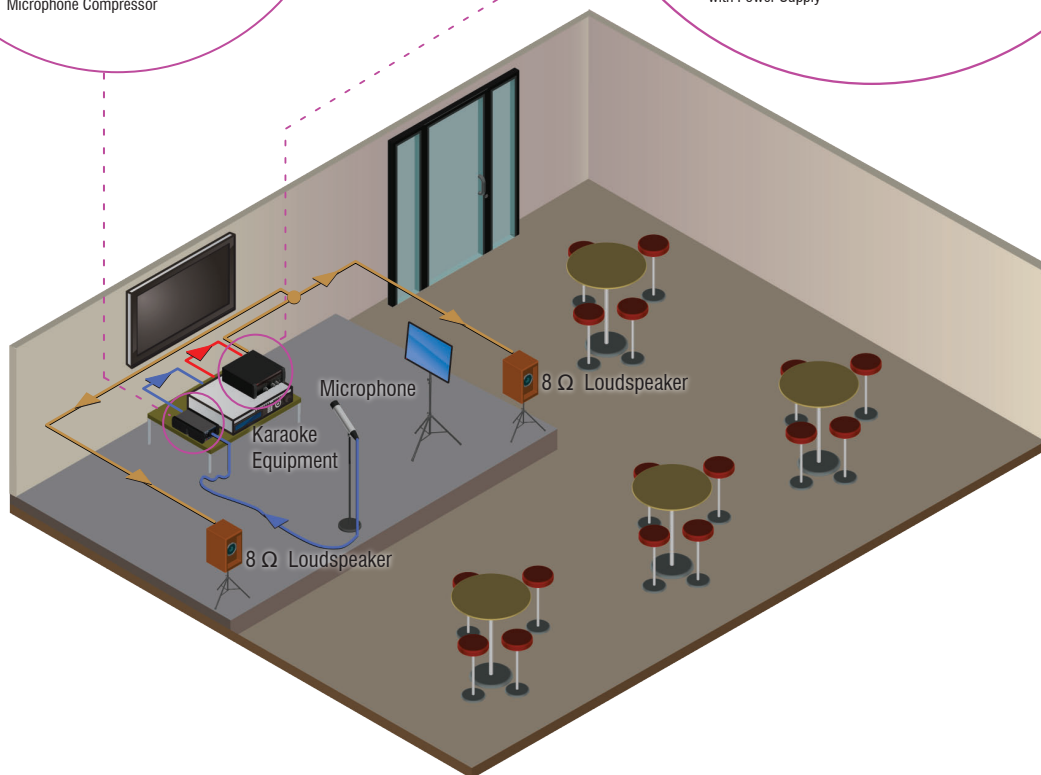
Microphone Compressor and Power Amplifier



EZ-MCP1
Microphone Compressor



HD-PA35U
35 Watt Power Amplifier - 4 Ohm / 8 Ohm,
with Power Supply



Description:

This example shows the use of the RDL EZ-MCP1 Microphone Compressor and the RDL HD-PA35U Power Amplifier in a Karaoke system. The EZ-MCP1 is an in-line device that connects between a dynamic or condenser microphone and the mic-level input of the Karaoke machine. When properly adjusted, it will produce consistent audio levels despite wide variations of up to 30 dB from the microphone and will control signal overloads that cause distortion and clipping. The output of the HD-PA35U Power Amplifier is rated at 35 W RMS into a 4Ω or 8 Ω load. The included analog compressor/limiter allows the amplifier to produce audio output levels and clarity normally expected from amplifiers with a much higher output rating. Additionally, the amplifier includes Sleep Mode circuitry that puts the amplifier into standby mode after a predetermined period of time with no audio at the input. The presence of signal at the input causes the HD-PA35U to return to full operation.

Parts List	
Product	QTY
EZ-MCP1	1
HD-PA35U	1

Recommended Pwr. Supplies	
Product	QTY
EZ-MCP1 Power Supply	1, Included
HD-PA35U Power Supply	1, Included

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