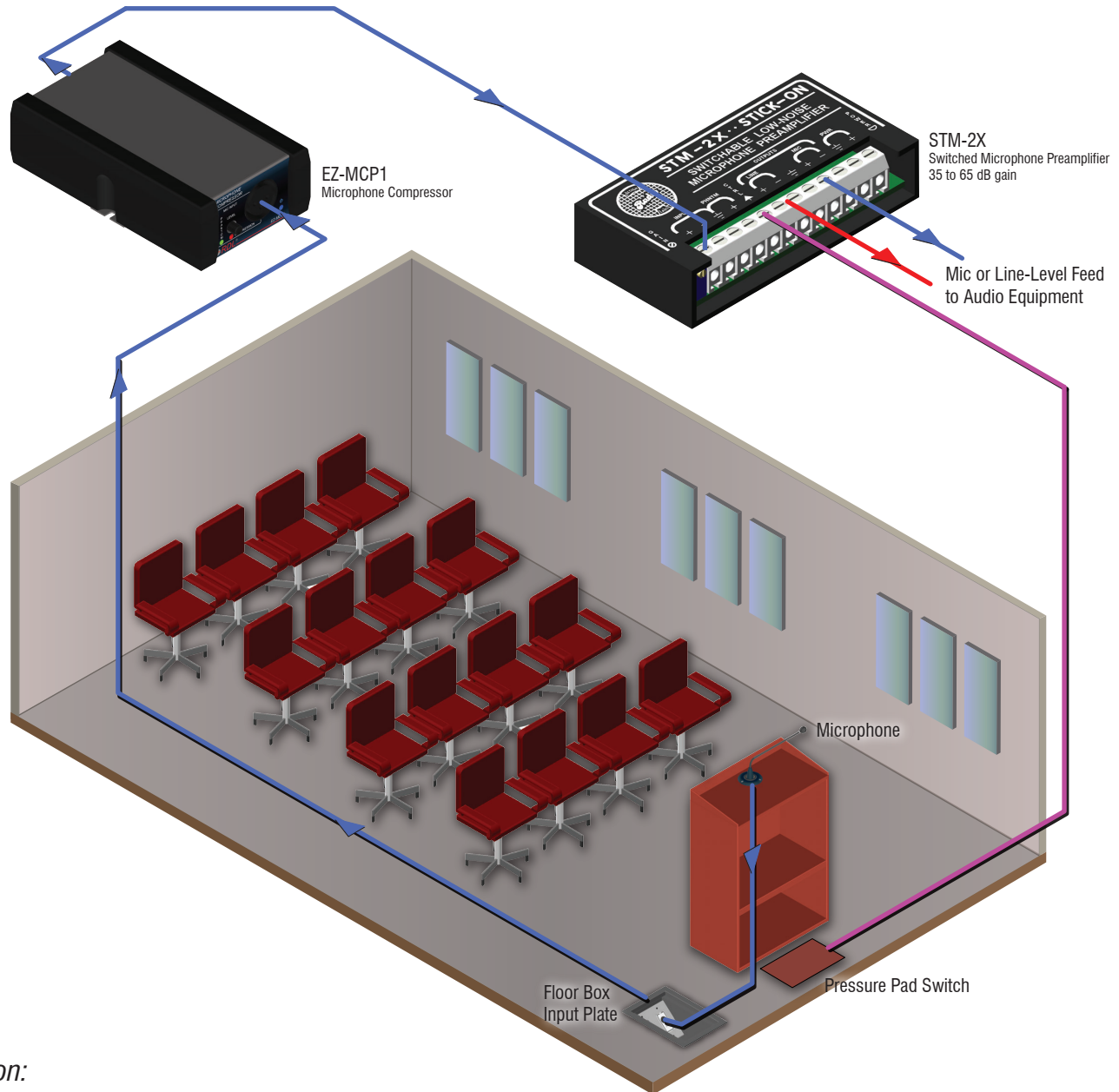


AUTOMATICALLY SWITCHED PODIUM MICROPHONE

Floor Mat Pressure Switch Mutes Microphone when Not in Use



Description:

A podium microphone that is continuously left on can create an annoying “live” reverberant sound in many meeting rooms. This can be distracting before and after meetings and during breaks. This application shuts the microphone off when no one is at the podium, keeping the public address system quiet when no one is speaking.

A commercially available floor mat security switch is placed behind the podium under a carpet mat (or under installed carpet for fixed podiums). When the presenter stands on the mat, its contact closure enables the audio output of the STM-2X Switched Microphone Preamplifier that feeds the public address amplifier and speakers (not shown). Stepping off the mat releases the closure and mutes the microphone.

The output of the STM-2X provides both mic and line-level outputs that may be wired balanced or unbalanced, making it compatible with any new or existing audio system.

An EZ-MCP1 Microphone Compressor is installed between the microphone and the STM-2X to provide consistent audio levels from any presenter, and to avoid overloads that could produce distortion and clipping.

Parts List	
Product	QTY
EZ-MCP1	1
STM-2X	1

Recommended Pwr. Supplies	
Product	QTY
EZ-POWER SUPPLY	1, included
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