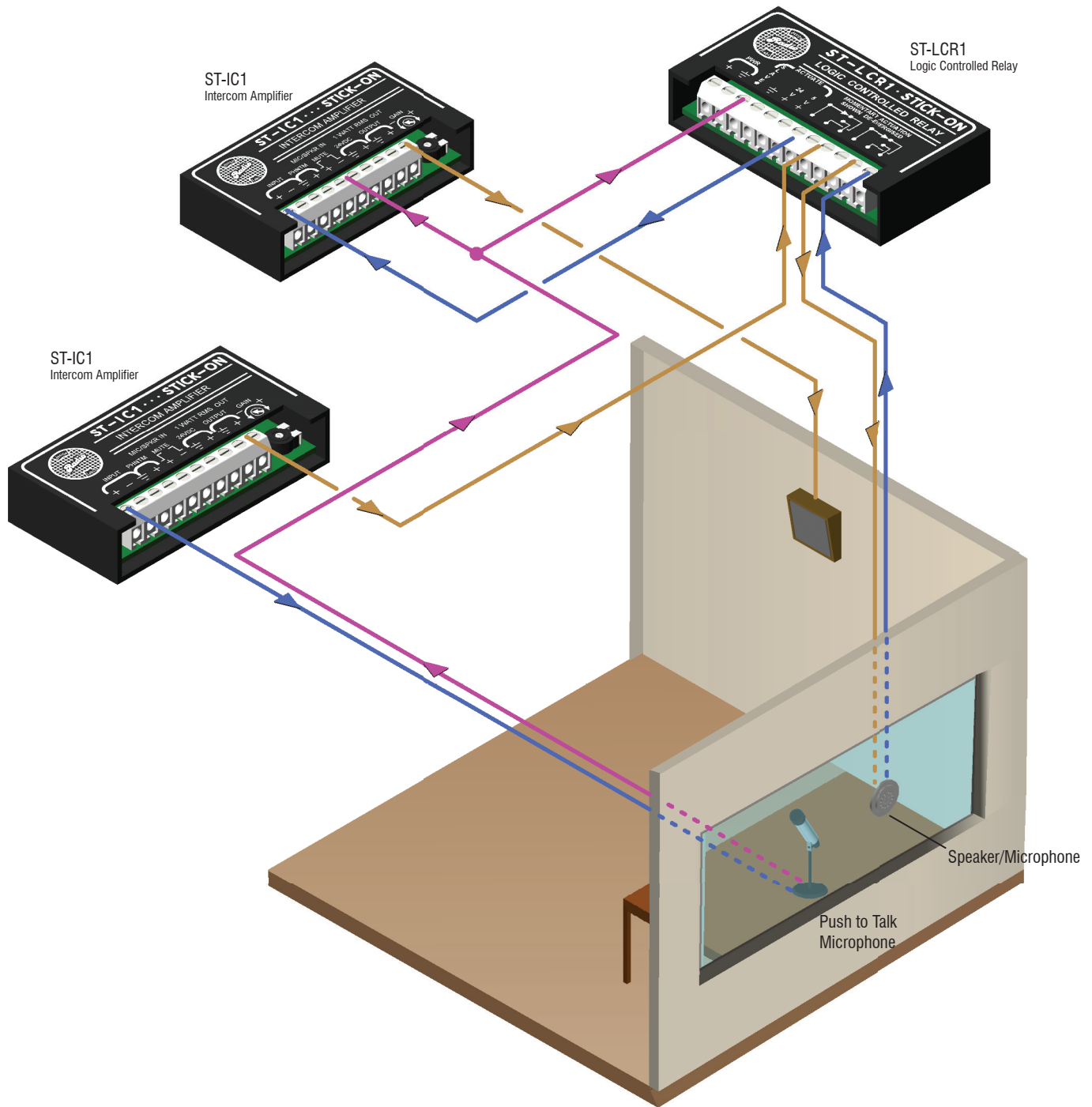


INTERCOM USING SINGLE REMOTE SPEAKER

Speaker Serves Dual Duty as Microphone and Speaker



Description:

This intercom application reduces the hardware requirements for a secure or weatherproof call box like those found in drive-through talkback systems or secured entryways. The ST-IC1 Intercom Amplifier input accepts a dynamic mic or phantom powered condenser mic. It can also use an 8 Ω or a 45 Ω speaker as a microphone element. An ST-LCR1 Logic Controlled Relay is used in this application to switch a remote speaker so that it can function alternately as a speaker and as a microphone.

Parts List

Product	QTY
ST-IC1	2
ST-LCR1	1

Recommended Pwr. Supplies

Product	QTY
PS-24AS 24 Vdc 500 mA	1

Line Color Key

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