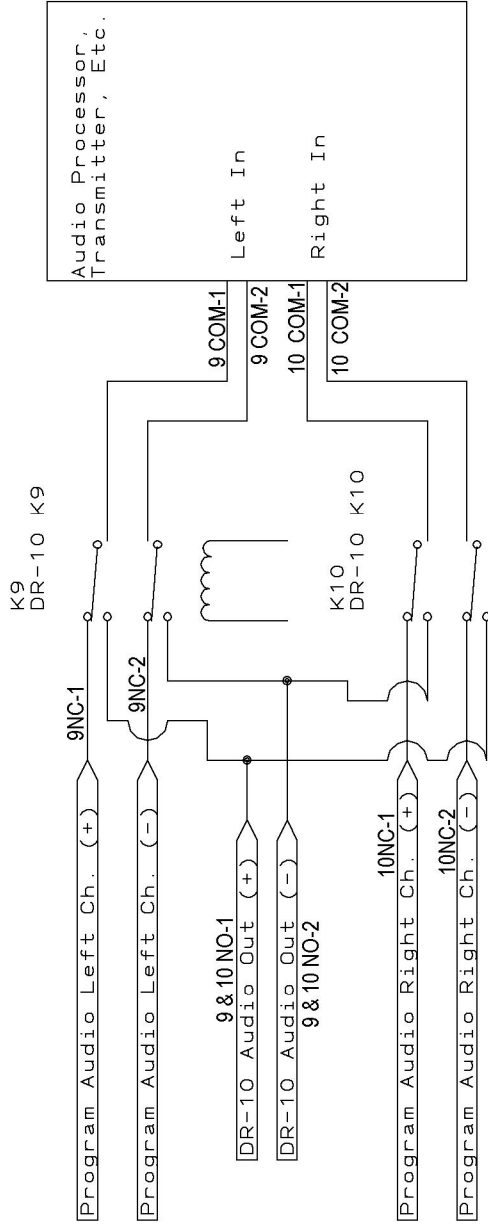
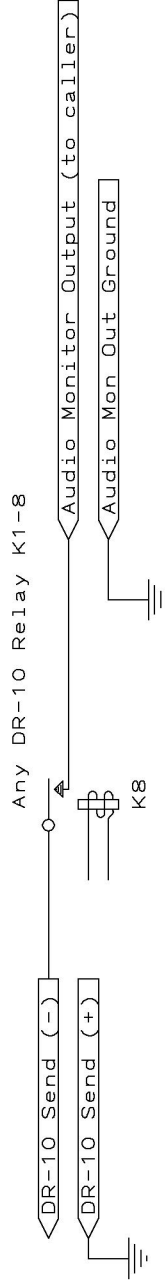


A Simple Way to Put Telephone Audio on the Air Using the DR-10.



When used for Mono feeds, only one relay needs to be employed.

Relays are shown in the Normal PGM audio mode. K9 & K10 de-energized, K8 closed.



Notes:

Relays K9 & K10 handle the actual program interruption task. Relays K9 & K10 must be programmed for Latching operation using the same on & off codes. One SIP relay, K8 for example, can be used to allow monitoring of the station's local audio. K8 toggles the IFB audio off so that feedback does not happen when the talent is live. K8 must be programmed for the same tones as K9 & K10, but in reverse. The goal is that when K9 & K10 turn on, K8 opens, thus breaking the IFB audio path to the caller.

Note that the IFB audio is depicted in unbalanced mode. For balanced IFB audio, two relays can be used or a DPDT relay can be slaved from the SIP relay on the DR-10.

The DR-10 can also be used in a more elaborate way when interfaced to automation systems and treated as a network source by the automation. In that configuration, the DR-10's audio out is fed to the automation's switcher & the DR-10 contacts are used to start spots, liners, etc.

The above configuration can be used in conjunction with the network concept to provide an elegant form of control for unattended remotes a backup means of getting on the air, bypassing the entire audio chain.

CircuitWerkes 2805 NW 6th Street Gainesville, Florida 32609 (352) 335-6555 / fax 380-0230 http://www.circuitwerkes.com	
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