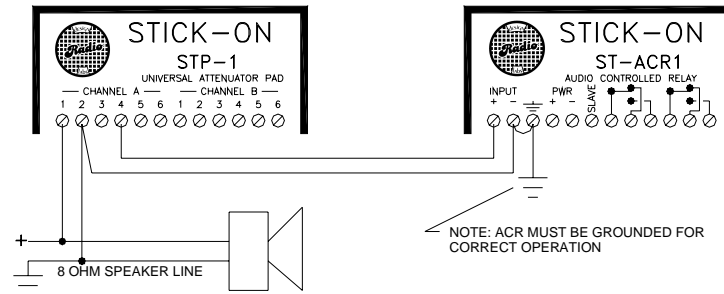


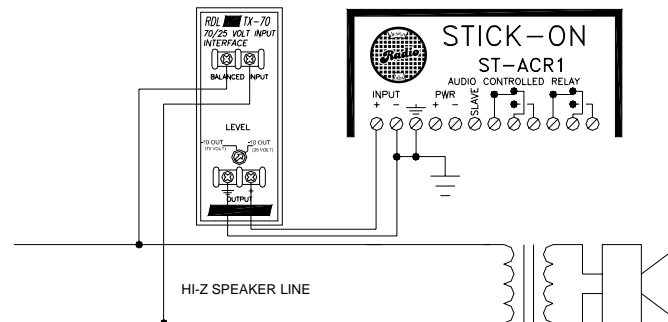
The presence or absence of audio from an amplified speaker line often needs to control other equipment. The RDL ST-ACR1 can provide either a normally open or normally closed contact when audio is present. Since the ST-ACR1 is triggered from a line level source, detecting amplified audio requires an input attenuator. For a standard 8 Ohm speaker line, an RDL STP-1 may be used. For a constant voltage speaker line (25, 70 or 100 V), an RDL TX-70A provides isolation and adjustable attenuation for reliable triggering of the ST-ACR1. The relay contacts will be closed and the SLAVE terminal will be pulled to ground when audio is present.

RELAY CONTACT CLOSURE TRIGGERED FROM 8 OHM SPEAKER LINE



First, turn sensitivity control on ACR fully CCW (until it clicks), then advance it 2 turns CW. Use the "A" control on the STP-1 to adjust the trigger point of the ACR.

RELAY CONTACT CLOSURE TRIGGERED FROM CONSTANT VOLTAGE SPEAKER LINE



First, set the LEVEL control on the TX-70A to match the system voltage. Use the SENSITIVITY trimmer on the ST-ACR to set the trigger level.

RDL PRODUCTS

1 [ST-ACR1](#) Audio Controlled Relay
1 [STP-1](#) Universal Attenuator

1 [ST-ACR1](#) Audiogesteuertes Relais
1 [STP-1](#) Universaldämpfungsglied

1 [ST-ACR1](#) Relé Controlado por Audio
1 [STP-1](#) Atenuador Universal

1 [ST-ACR1](#) Relais Commandé par un Signal Audio
1 [STP-1](#) Atténuateur Universel 2 Voies